

Ref: DIL/HEA/MPCB /24-25/00061

Date: 20.09.2024

To,
The Member Secretary,
Maharashtra Pollution Control Board,
Kalpataru Point, 3rd Floor,
Sion Matunga Road No.8,
Sion East,
Mumbai-400022.

Sub: Submission of Environmental Statement for the financial year ending 31st March 2024.

Dear Sir,

We have submitted online, the Annual Environment Statement for the financial year 2023-24 on EC MPCB Portal. Copy of the Environment Statement (Form-V) downloaded from EC MPCB portal along with annexures is attached herewith for your ready reference.

We hope you will find the same in order.

Thanking you,

Yours Faithfully,
For **Dhariwal Infrastructure Limited.**



Authorized Signatory

CC:

1. The Regional Officer,
Maharashtra Pollution Control Board,
1st Floor, Udyog Bhawan,
Chandrapur (Maharashtra).
2. Sub Regional Officer,
Maharashtra Pollution Control Board,
1st Floor, Udyog Bhawan,
Chandrapur (Maharashtra).



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2024

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000070524

Submitted Date

20-09-2024

PART A

Company Information

Company Name

Dhariwal Infrastructure Limited

Application UAN number

UAN No. 0000098447

Address

Dhariwal Infrastructure Limited, Plot No.C-6,
C-7 & C-8, Tadali Growth Centre , MIDC
Tadali, Chandrapur-442406, Maharashtra.

Plot no

C-6, C-7 & C-8

Taluka

Tadali Industrial area MIDC

Village

Tadali

Capital Investment (In lakhs)

390450.00

Scale

LSI

City

Chandrapur

Pincode

442406

Person Name

Soumen Barua

Designation

Vice President

Telephone Number

9561112006

Fax Number

07172237992

Email

dil.hse@rpsg.in

Region

SRO-Chandrapur

Industry Category

Red

Industry Type

R48 Thermal Power Plants

Last Environmental statement submitted online

yes

Consent Number

Format 1.0/CAC/UAN No. MPCB-
CONSENT-0000113131/CR-2110000172

Consent Issue Date

2021-10-05

Consent Valid Upto

2024-06-30

Establishment Year

2014

Date of last environment statement submitted

Sep 21 2023
12:00:00:000AM

Industry Category Primary (STC Code) & Secondary (STC Code)

Product Information

Product Name

Electricity Generation

Consent Quantity

5256000

Actual Quantity

4421559.0

UOM

Mwh

By-product Information

By Product Name

0

Consent Quantity

0

Actual Quantity

0

UOM

Mwh

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day				
Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day		
	5280.00	1443.00		
Cooling	49440.00	24480.00		
Domestic	60.00	54.00		
All others	50.00	35.40		
Total	54830.00	26012.40		
2) Effluent Generation in CMD / MLD				
Particulars	Consent Quantity	Actual Quantity	UOM	
Trade Effluent	7776	5040	CMD	
Domestic Effluent	36	35.40	CMD	
2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)				
Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM	
Power Generation	2.13	2.15	CMD	
3) Raw Material Consumption (Consumption of raw material per unit of product)				
Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM	
Coal	0.661104	0.671297	MT/MWH	
LDO	0.000091947	0.000089321		
4) Fuel Consumption				
Fuel Name	Consent quantity	Actual Quantity	UOM	
Coal	4029600	2968183	MT/A	
LDO	4066	394.94	KL/A	

Part-C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)					
[A] Water					
Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
Our Industry is ZLD	0	0	0	2100	0
[B] Air (Stack)					
Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/NM3) Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
Stack-1 (Particulate Matter)	829.17	32.49	0	50	0
Stack-2 (Particulate Matter)	1022.86	34.65	0	50	0

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	8.22	29.4475	MT/A
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	32	60	Nos./Y
Other Hazardous Waste	3.270	4.82	MT/A
35.2 Spent ion exchange resin containing toxic metals	0	0.77	MT/A
33.2 Contaminated cotton rags or other cleaning materials	0.050	0.99	MT/A
5.2 Wastes or residues containing oil	0	0.93	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
35.3 Chemical sludge from waste water treatment	0	0.38	MT/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
FLY ASH	961069	1023749	MT/A
BOTTOM ASH	104268	132505	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
BIOLOGICAL SLUDGE	0	0	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	MT/A

Part-F

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	29.4475	MT/A	Well below the norms, Testing reports attached.
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	60	Nos./Y	Well below the norms
Other Hazardous Waste	4.82	MT/A	It is Glass Wool
35.3 Chemical sludge from waste water treatment	0.38	MT/A	Well below the norms

35.2 Spent ion exchange resin containing toxic metals	0.77	MT/A	Well below the norms
33.2 Contaminated cotton rags or other cleaning materials	0.99	MT/A	Well below the norms
5.2 Wastes or residues containing oil	0.93	MT/A	Well below the norms

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
FLY ASH	1023749	MT/A	NA
BOTTOM ASH	132505	MT/A	NA

Part-G

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

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
2021-22	0	0	0	0	340.7	0
2022-23	116	1.16	88818597	4652403	285.25	0
2023-24	0	0	0	15917612.4	147.50	0

Part-H

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

[A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Construction of Roads and drains, Rain water harvesting project at technical building, RCC pit near JNT 2, DFDS systems in silo 1, Crusher house DE system, Ammonia dozing system, Miyawaki Forest devel	Expenditure made on Air pollution, Water pollution and Land pollution control measures, Greenery development and other Environmental protection measures.	147.50

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Construction of roads & drains inside plant etc.	Expenditure proposed for on Air pollution, Water pollution and Land pollution control measures, Greenery development and other Environmental protection measures.	252.0

Part-I

Any other particulars for improving the quality of the environment.

Particulars

Factory has already implemented all the necessary pollution control measures. Green belt development programme is a regular feature.

Name & Designation

SOUMEN BARUA, VICE PRESIDENT

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000070524

Submitted On:

20-09-2024



MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd and
4th floor, Opp. Cine Planet
Cinema, Near Sion Circle,
Sion (E), Mumbai-400022

RED/L.S.I (R48)

No:- Format1.0/CAC/UAN No.MPCB-

CONSENT-0000113131/CR - 2110000172

Date: 05/10/2021

To,
M/s Dhariwal Infrastructure Ltd.,
Plot No.C-6, C-7, C-8, Tadali Growth Centre
MIDC Tadali, Tal & Dist-Chandrapur.



Your Service is Our Duty

Sub: Renewal of consent under RED category

- Ref:**
1. Earlier Consent granted by the Board vide No.Format1.0/BO/CAC-Cell/UAN No.98447/CR-2101000005 dated 01.01.2021 valid up to 30.06.2021.
 2. Minutes of Consent Appraisal Committee Meeting held on 03.08.2021, 17.08.2021 & 20.08.2021.

Your application No.MPCB-CONSENT-0000113131 Dated 24.04.2021

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. The consent to renewal is granted for a period up to 30/06/2024
2. The capital investment of the project is Rs.3904.50 Crs. (As per C.A Certificate submitted by industry CI-Rs. 3904.50 Cr.)
3. Consent is valid for the manufacture of:

Sr No	Product	Maximum Quantity	UOM
Products			
1	Electricity Generation (Coal based Thermal Power Plant-2x300MW)	600	MW

4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	7776	As per Schedule-I	Recycle/reused 100 % for Cooling tower,Dust suppression and Ash handling plant.



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Sr No	Description	Permitted	Standards to	Disposal
2.	Domestic effluent	36	As per Schedule-I	On land for gardening

5. Conditions under Air (P& CP) Act, 1981 for air emissions:

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	1	Boiler-1	01	As per Schedule -II
2	2	Boiler-2	01	As per Schedule -II
3	3	DG Set-1 (1500 KVA)	01	As per Schedule -II
4	4	DG set-2 (1500 KVA)	01	As per Schedule -II

6. Non-Hazardous Wastes:

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Fly Ash	3620	Ton/D	Recycle	Send to Cement Manufacturing Plant, Brick Manufacturing Plant and dispose as per MoEF-CC, Gol Notification No.SO-763(E) dated 14.09.1999 and as amended time to time thereof.
2	Bottom Ash	900	Ton/D	Recycle	As above
3	Biological Sludge	0.5	Ton/M	Composting	Used as a manure

7. Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	72	MT/A	Recycle	Send to Authorised Recycler/Re-procesor
2	35.2 Spent ion exchange resin containing toxic metals	5	MT/A	Landfill	CHWTSDF
3	35.3 Chemical sludge from waste water treatment	0.5	MT/A	Landfill	CHWTSDF
4	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	200	Nos./Y	Recycle	CHWTSDF
5	5.2 Wastes or residues containing oil	1	MT/A	Incineration	CHWTSDF
6	33.2 Contaminated cotton rags or other cleaning materials	1	MT/A	Incineration	CHWTSDF



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Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
7	Glass Wool	5	MT/A	Landfill	CHWTSDf

- The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
- The applicant shall comply with the conditions of the Environmental Clearance granted by MoEFCC, Govt vide letter No. J-13011/10/2009-1A.II(T) dated 04.12.2009.
- Industry shall install online continuous monitoring system as per CPCB guidelines & data to be transmitted directly from Data Logger to Board server.
- Industry shall comply with the emission norms within the time limit as per MoEF Notification dated 31.03.2021.
- Industry shall install & commission the FGD system up to 31.12.2023.
- The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent.

For and on behalf of the
Maharashtra Pollution Control Board.


(Ashok Shingare IAS),
Member Secretary

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	11713500.00	MPCB-DR-5727	27/04/2021	NEFT
2	50000.00	MPCB-DR-6903	23/07/2021	RTGS

Earlier the industry has paid the consent fees of Rs.1,56,18,000/- with the application UAN-98447. The consent is approved for six months (i.e. from 31.12.2020 to 30.06.2021). Six month consent fees were Rs. 39,04,500/- As per the earlier consent granted vide No.2101000005 dated 01.01.2021, the balance consent fees with the Board were Rs.1,17,13,500/- now it has been considered in this renewal of consent. Now there is not any balance consent fees with the Board.

Copy to:

- Regional Officer, MPCB, Chandrapur and Sub-Regional Officer, MPCB, Chandrapur
- They are directed to ensure the compliance of the consent conditions.
- Chief Accounts Officer, MPCB, Sion, Mumbai
- CAC desk - for record & website updation purpose



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SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A] As per your application, you have provided the Effluent Treatment Plant (ETP) with the design capacity of 12800 m³/day.
- B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent:

Sr.No	Parameters	Limiting concentration not to exceed in mg/l, except for pH
For Condenser Cooling Water		
(1)	pH	Between 6.5 to 8.5
(2)	Temperature	Not to exceed 5°C than that of intake water temp.
(3)	Free available chlorine	Not to exceed 0.5 mg/l
Boiler Blow Down		
(1)	Suspended Solids	Not to exceed 100 mg/l
(2)	Oil & Grease	Not to exceed 10 mg/l
(3)	Copper (Total)	Not to exceed 1 mg/l
(4)	Iron (Total)	Not to exceed 1 mg/l
Cooling Tower Blow Down		
(1)	Free available chlorine	Not to exceed 0.5 mg/l
(2)	Zinc	Not to exceed 1 mg/l
(3)	Chromium (Total)	Not to exceed 0.2 mg/l
(4)	Phosphate	Not to exceed 5 mg/l
D.M. Plant Effluent		
(1)	pH	5.5 to 9
(2)	Suspended Solids	Not to exceed 100 mg/l
(3)	Oil & Grease	Not to exceed 10 mg/l
(4)	BOD 3 days	Not to exceed 30 mg/l
(5)	COD	Not to exceed 250 mg/l
(6)	TDS	Not to exceed 2100 mg/l

- C] The Industry shall ensure connectivity online monitoring system to the MPCB server including separate energy meter for pollution control system.
- D] The treated effluent shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, effluent shall find its way to outside factory premises.



2. A] As per your application, you have provided Sewage Treatment Plant of designed capacity 36 CMD for the treatment of 36 CMD of sewage.
- B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

Sr.No	Parameters	Standards (mg/l)	
1	Suspended Solids	Not to exceed	50 mg/l
2	BOD 3 days 27°C	Not to exceed	30 mg/l
3	COD	Not to exceed	100 mg/l

- C] The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, sewage shall find its way to outside factory premises.
3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	49440.00
2.	Domestic purpose	60.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	5280.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	50

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.
7. The industry shall reduce specific water consumption 3.5 m³/MWh as per MoEF&CC notification dtd. 7th Dec 2015 and as amended 28th June, 2018.



Maharashtra Pollution Control Board

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SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
1	Boiler-1	ESP	275.00	COAL 5520 MT/Day	0.45	TPM	50 Mg/Nm ³
						SO ₂	600 Mg/Nm ³
				LDO 5.57 KL/D	1.80	NO _x	450 Mg/Nm ³
						Mercury(Hg)	0.03 Mg/Nm ³
2	Boiler-2	ESP	275.00	COAL 5520 MT/Day	0.45	TPM	50 Mg/Nm ³
						SO ₂	600 Mg/Nm ³
				LDO 5.57 KL/D	1.80	NO _x	450 Mg/Nm ³
						Mercury(Hg)	0.03 Mg/Nm ³
3	DG set-1 (1500KVA)	Acoustic Enclosure	7.80	HSD 1.14 KL/D	1.0	TPM	75 Mg/Nm ³
						SO ₂	22 Kg/Day
						NO _x	710 PPM
4	DG set-2 (1500 KVA)	Acoustic Enclosure	7.80	HSD 1.14 KL/D	1.0	TPM	75 Mg/Nm ³
						SO ₂	22 Kg/Day
						NO _x	710 PPM

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Parameters	Standards
Standards for DG Sets	
NO _x (as NO ₂) (AT 15% O ₂), dry basis, in ppmv	710
NMHC (as C)(at 15% O ₂), mg/Nm ³	100
PM (at 15% O ₂), mg/Nm ³ Diesel Fuels- HSD & LDO	75
CO (at 15% O ₂), ng/NM3	150



Units	Parameters	Standards
Standards for Thermal Power Plant:		
Unit1 & 2	TPPs (Units) installed after 1st January, 2003, upto 31st December, 2016*	
	Particulate Matter	50 mg / Nm ³
	Sulphur Dioxide (SO ₂)	600 mg / Nm ³
	Oxides of Nitrogen (NOx)	450 mg / Nm ³
	Mercury (Hg)	0.03 mg / Nm ³

4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
5. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
6. Control Equipment.
 - a) Electrostatic Precipitator (ESP) of sufficient capacity provided to Boiler and any other sources of particulate matter shall be Operate and maintain so as to ensure that TPM emission doesnot exceed 50 mg/Nm³.
 - b) Dust collecting system and automatic water sprinkler system provided to Coal Handling Plants shall be operate and maintain continuously.
 - c) Dust collector of sufficient capacity provided to coal crusher and any other source of SPM shall operate and maintain continuously.
 - d) There shall not be any fugitive emission from coal storage yard.
 - e) PP shall comply with the MoEF&CC,Gol Notification dated 31.03.2021 for emission standards as specified.
7. The applicant shall operate three continuous automatic ambient air and micrometeorological monitoring station at location indicated by MPC Board to be setup and operate at its own cost for measurement of SO₂,NO_x and particulate matter. These CAAQMS shall also have necessary provisions of networking to the Air Quality Monitoring network of MPCB.
8. The industry shall comply with the recommendations of the task force for implementation of CREP recommendation for Thermal Power Plants.
9. The industry shall comply the standards stipulated by the Ministry of Environment, Forest and Climate Change vide Noti?cation dtd 07.12.2015.
10. The industry shall ensure provision of low NO_x burners, Over Fire Air (OFA) and achieve progressive reduction to comply NO_x emission limit.
11. The industry shall comply with the MoEF&CC amendment notification no. S.O.1561 (E) dtd. 21.05.2020.
12. The industry shall comply with the Fly Ash Notification, 2016 and as amended thereof to achieve 100% utilization of Fly Ash. PP shall dispose legacy pond ash regularly and submit concrete program in this regard within a month.



Maharashtra Pollution Control Board

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SCHEDULE-III Details of Bank Guarantees:

Sr. No.	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C2R	Rs. 30 Lakh	15 days	Towards Operation and Maintenance of Air Pollution Control Devices to achieve emission standards.	Continuous	30.04.2025
2	C2R	Rs. 5 Lakh	15 days	To switch over to 100 % usable dry fly ash collection and storage	3 months	30.04.2025
3	C2R	Rs. 1 Lakh	15 days	Towards utilization of fly ash as per fly ash notification 1999.	Continuous	30.04.2025
4	C2R	Rs. 1 Lakh	15 days	Towards Mitigation of seepages from wet fly ash conveying system	3 months	30.04.2025
5	C2R	Rs. 1 Lakh	15 days	Towards Scientific operation of ash pond i.e. uniform distribution of wet slurry in the pond so as to have minimum depth of water	Continuous	30.04.2025
6	C2R	Rs. 1 Lakh	Submitted	Towards providing arrangement for reuse of 100% seepage water, arising from ash pond, for ash slurry	3 months	30.04.2025
7	C2R	Rs. 5 Lakh	15 days	Towards Scientific closure of abandoned ash pond with soil cover and plantation over it.	6 months	30.04.2025
8	C2R	Rs. 5 Lakh	15 days	Towards compliance of utilisation of low ash content and low sulphur content coal i.e up to 34% & 0.5% respectively	Continuous	30.04.2025
9	C2R	Rs. 5.0 Lakh	15 days	Towards Operation & maintenance of the Effluent Treatment Plant to achieve disposal standards	Continuous	30.04.2025
10	C2R	Rs. 25 Lakh	15 days	To install & commission the FGD system up to 31.12.2023.	31.12.2023	30.04.2025

****Existing BG obtained for above purpose if any, may be extended for period of validity as above.**



Maharashtra Pollution Control Board

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BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				





SCHEDULE-IV
General Conditions:

1. Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
2. The applicant shall maintain good housekeeping.
3. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
4. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
5. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
6. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can be downloaded from MPCB official site).
7. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
8. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
9. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
10. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.



Maharashtra Pollution Control Board

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11. The PP shall provide personal protection equipment as per norms of Factory Act
12. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
13. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
14. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
15. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
16. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
17. Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
18. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
19. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
20. The industry should not cause any nuisance in surrounding area.
21. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
22. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
23. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
24. The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.



Maharashtra Pollution Control Board

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25. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
26. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
27. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
28. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
29. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
30. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
31. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.

For and on behalf of the
Maharashtra Pollution Control Board.


(Ashok Shingare IAS),
Member Secretary

**VIBRANT***"Experience the unimaginable"*

Sample Number : VTL/WW/02

M/s Dhariwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Name & Address of the Party :

Sample Description : Waste Water

Sampling Location : ETP Outlet

Sample Collected By : VTL Team

Coordinates : --

TEST REPORT

ULR No. : TC1122724000000354F
Report No. : VTL/WW/2403110002/A
Format No : 7.8 F-01
Party Reference No : DIL/R/HEA/00731
Report Date : 15/03/2024
Period of Analysis : 11/03/2024-15/03/2024
Receipt Date : 11/03/2024
Sampling Date : 08/03/2024
Parameter Required : As per work order

S.No.	Test Parameters	Test Method	Result	Unit	Limits
1	pH	IS: 3025 (P-11): 2022	7.38	-	5.5 to 9.0
2	Total Suspended Solids (TSS)	IS: 3025 (P-17): 2022	12.56	mg/l	100
3	Total Dissolved Solids (TDS)	IS:3025 (P-16): 1984, RA 2017	1285.00	mg/l	2100
4	Oil & Grease	IS:3025 (P-39): 2021	*BLQ(**LOQ-4.0)	mg/l	10
5	Biochemical Oxygen Demand (BOD) (3 days @ 27°C)	IS: 3025 (P-44): 1993, RA: 2019	12.65	mg/l	30
6	Chemical oxygen Demand (COD)	IS : 3025 (P-58) : 2005 RA: 2017	49.75	mg/l	250

*BLQ-Below Limit Of Quantification, **LOQ- Limit Of Detection

End of Report

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Vibrant Techno Lab Pvt. Ltd.

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**VIBRANT**

Sample Number : VTLWW/09

M/s Dhariwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Name & Address of the Party :

Sample Description : Waste Water

Sampling Location : ETP Outlet

Sample Collected By : VTL Team

Coordinates : -

TEST REPORT

ULR No. : TC1122724000000196F
Report No. : VTLWW/2402170009/A
Format No : 7.8 F-01
Party Reference No : DILR/HEA/00731
Report Date : 22/02/2024
Period of Analysis : 17/02/2024-22/02/2024
Receipt Date : 17/02/2024
Sampling Date : 14/02/2024
Parameter Required : As per work order

S.No.	Test Parameters	Test Method	Result	Unit	Limits
1	pH	IS: 3025 (P-11): 2022	7.43	-	5.5 to 9.0
2	Total Suspended Solids (TSS)	IS: 3025 (P-17): 2022	14.28	mg/l	100
3	Total Dissolved Solids (TDS)	IS:3025 (P-16): 1984, RA 2017	1427.0	mg/l	2100
4	Oil & Grease	IS:3025 (P-39): 2021	*BLQ(**LOQ-4.0)	mg/l	10
5	Biochemical Oxygen Demand (BOD) (3 days @ 27°C)	IS: 3025 (P-44): 1993, RA: 2019	14.20	mg/l	30
6	Chemical oxygen Demand (COD)	IS : 3025 (P-58) : 2006 RA: 2017	56.41	mg/l	250

*BLQ-Below Limit OF Quantification, **LOQ- Limit Of Detection

End of Report

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Sample Number : VTLWW/09

M/s Dhariwal Infrastructure Ltd.
Plot No. C-6, 7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Name & Address of the Party :

Sample Description : Waste Water

Sampling Location : ETP Outlet

Sample Collected By : VTL Team

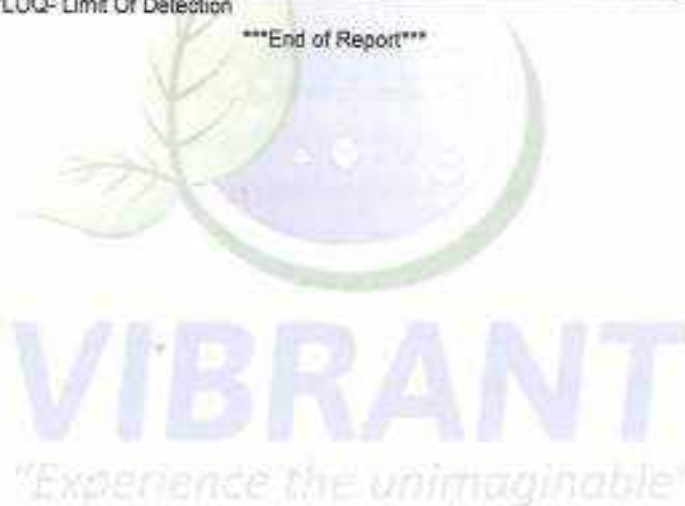
Coordinates : --

ULR No. : TC1122724000000042F
Report No. : VTLWW/2401150009/A
Format No : 7.8 F-01
Party Reference No : DIL-R-HEA-00731
Report Date : 22/01/2024
Period of Analysis : 15/01/2024-22/01/2024
Receipt Date : 15/01/2024
Sampling Date : 13/01/2024
Parameter Required : As per work order

S.No.	Test Parameters	Test Method	Result	Unit	Limits
1	pH	IS: 3025 (P-11): 2022	7.36	-	5.5 to 9.0
2	Total Suspended Solids (TSS)	IS: 3025 (P-17): 2022	13.65	mg/l	100
3	Total Dissolved Solids (TDS)	IS:3025 (P-16): 1994, RA: 2017	1416.0	mg/l	2100
4	Oil & Grease	IS:3025 (P-39): 2021	*BLQ(**LOQ-4.0)	mg/l	10
5	Biochemical Oxygen Demand (BOD) (3 days @ 27°C)	IS: 3025 (P-44): 1993, RA: 2019	13.50	mg/l	30
6	Chemical oxygen Demand (COD)	IS : 3025 (P-58) : 2008 RA: 2017	55.62	mg/l	250

*BLQ-Below Limit Of Quantification, **LOQ- Limit Of Detection

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M/s Dhanwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur.

Name & Address of the Party :

Sample Description : Waste Water
Sampling Location : ETP Outlet
Sample Collected By : VTL Team
Coordinates : -

ULR No. : TC1122723000000498F
Report No. : VTL/WW/2312250009/A
Format No : 7.8 F-01
Party Reference No : DILR-HEA-00731
Report Date : 28/12/2023
Period of Analysis : 25/12/2023-28/12/2023
Receipt Date : 25/12/2023
Sampling Date : 21/12/2023
Parameter Required : As per work order

S.No.	Test Parameters	Test Method	Result	Unit	Limits
1	pH	IS: 3025 (P-11): 2022	7.22	-	6.5 to 9.0
2	Total Suspended Solids (TSS)	IS: 3025 (P-17): 2022	10.45	mg/l	100
3	Total Dissolved Solids (TDS)	IS:3025 (P-16): 1984, RA: 2017	1375.0	mg/l	2100
4	Oil & Grease	IS:3025 (P-39): 2021	*BLQ/**LOQ-4.0)	mg/l	10
5	Biochemical Oxygen Demand (BOD) (3 days @ 27°C)	IS: 3025 (P-44): 1993, RA: 2019	13.58	mg/l	30
6	Chemical oxygen Demand (COD)	IS : 3025 (P-58) : 2006 RA: 2017	52.78	mg/l	250

*BLQ-Below Limit OF Quantification, **LOQ- Limit Of Detection

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Sample Number : VTL/WW/09

M/s Dhartiwal Infrastructure Ltd.
Plot No. C-6.7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Name & Address of the Party :

Sample Description : Waste Water

Sampling Location : ETP Outlet

Sample Collected By : VTL Team

Coordinates : --

ULR No. : TC112272300000038F

Report No. : VTL/WW/2311110009/A

Format No : 7.8 F-01

Party Reference No : DIL/R/HEA/00731

Report Date : 17/11/2023

Period of Analysis : 11/11/2023-17/11/2023

Receipt Date : 11/11/2023

Sampling Date : 08/11/2023

Parameter Required : As per work order

S.No.	Test Parameters	Test Method	Result	Unit	Limits
1	pH	IS: 3025 (P-11): 2022	7.24	-	5.5 to 9.0
2	Total Suspended Solids (TSS)	IS: 3025 (P-17): 2022	11.48	mg/l	100
3	Total Dissolved Solids (TDS)	IS:3025 (P-18): 1984, RA: 2017	1428.0	mg/l	2100
4	Oil & Grease	IS:3025 (P-39): 2021	*BLQ/**LOQ-4.0	mg/l	10
5	Biochemical Oxygen Demand (BOD) (5 days @ 27°C)	IS: 3025 (P-44): 1993, RA: 2019	15.00	mg/l	30
6	Chemical oxygen Demand (COD)	IS : 3025 (P-58) : 2006 RA: 2017	60.50	mg/l	250

*BLQ-Below Limit Of Quantification, **LOQ- Limit Of Detection

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Sample Number : VTL/WW/08

M/s Dharwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Name & Address of the Party :

Sample Description : Waste Water

Sampling Location : ETP Outlet

Sample Collected By : VTL Team

Coordinates : --

ULR No. : TC1122723000000289F

Report No. : VTL/WW/2310190009/A

Format No. : 7.8 F-01

Party Reference No. : DILR/HEA/00731

Report Date : 25/10/2023

Period of Analysis : 19/10/2023-29/10/2023

Receipt Date : 19/10/2023

Sampling Date : 09/10/2023

Parameter Required : As per work order

S.No.	Test Parameters	Test Method	Result	Unit	Limits
1	pH	IS: 3025 (P-11): 2022	7.29	-	5.5 to 9.0
2	Total Suspended Solids (TSS)	IS: 3025 (P-17): 2022	12.45	mg/l	100
3	Total Dissolved Solids (TDS)	IS:3025 (P-15): 1984, RA: 2017	1505.00	mg/l	2100
4	Oil & Grease	IS:3025 (P-39): 2021	*BLQ(**LOQ-4.0)	mg/l	10
5	Biochemical Oxygen Demand (BOD) (3 days @ 27°C)	IS: 3025 (P-44): 1993, RA: 2019	16.69	mg/l	30
6	Chemical oxygen Demand (COD)	IS : 3025 (P-58) : 2006 RA: 2017	68.56	mg/l	250

*BLQ-Below Limit OF Quantification, **LOQ- Limit Of Detection

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Sample Number : VTL/WW/09

M/s Dhanuwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Name & Address of the Party :

Sample Description : Waste Water

Sampling Location : ETP Outlet

Sample Collected By : VTL Team

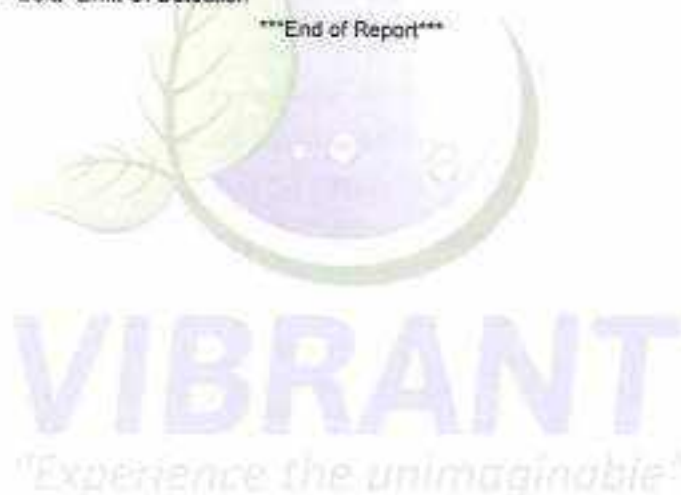
Coordinates : --

ULR No. : TC1122723000000088F
Report No. : VTL/WW/2309180009/A
Format No : 7.8 F-01
Party Reference No : DIL-R-HEA-00731
Report Date : 26/09/2023
Period of Analysis : 18/09/2023-26/09/2023
Receipt Date : 16/09/2023
Sampling Date : 14/09/2023
Parameter Required : As per work order

S.No.	Test Parameters	Test Method	Result	Unit	Limits
1	pH	IS: 3025 (P-11): 2022	7.32	-	5.5 to 9.0
2	Total Suspended Solids (TSS)	IS: 3025 (P-17): 2022	13.21	mg/l	100
3	Total Dissolved Solids (TDS)	IS:3025 (P-16): 1984, RA: 2017	1520.00	mg/l	2100
4	Oil & Grease	IS:3025 (P-39): 2021	*BLQ(**LOQ-4.0)	mg/l	10
5	Biochemical Oxygen Demand (BOD) (3 days @ 27°C)	IS: 3025 (P-44): 1993, RA: 2019	18.42	mg/l	30
6	Chemical oxygen Demand (COD)	IS : 3025 (P-58) : 2006 RA: 2017	71.63	mg/l	250

*BLQ-Below Limit Of Quantification, **LOQ- Limit Of Detection

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Vibrant Techno Lab Pvt. Ltd.

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Sample Number : VTLWW/09

M/s Dhariwal Infrastructure Ltd.
Plot No. C-6, 7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Name & Address of the Party :

Sample Description : Waste Water
Sampling Location : ETP Outlet
Sample Collected By : VTL Team
Coordinates : -

Report No. : VTLWW/2308190009/A
Format No : 7.8 F-01
Party Reference No : DIL/R/HEA:00731
Report Date : 23/08/2023
Period of Analysis : 19/08/2023-23/08/2023
Receipt Date : 19/08/2023
Sampling Date : 15/08/2023
Parameter Required : As per work order

S.No.	Test Parameters	Test Method	Result	Unit	Limits
1	pH	IS: 3025 (P-11): 2022	7.29	-	5.5 to 9.0
2	Total Suspended Solids (TSS)	IS: 3025 (P-17): 2022	12.47	mg/l	100
3	Total Dissolved Solids (TDS)	IS:3025 (P-16): 1984, RA: 2017	1476.00	mg/l	2100
4	Oil & Grease	IS:3025 (P-39): 2021	*BLQ(**LOQ-4.0)	mg/l	10
5	Biochemical Oxygen Demand (BOD) (3 days @ 27°C)	IS: 3025 (P-44): 1993, RA: 2019	19.50	mg/l	30
6	Chemical oxygen Demand (COD)	IS : 3025 (P-58) : 2006 RA: 2017	74.12	mg/l	250

*BLQ-Below Limit Of Quantification, **LOQ- Limit Of Detection

End of Report

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Sample Number : VTL/WW/02

M/s Dharwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Name & Address of the Party :

Sample Description : Waste Water
Sampling Location : ETP Outlet
Sample Collected By : VTL Team
Coordinates : --

Report No. : VTL/WW/2307190001/A
Format No : 7.8 F-01
Party Reference No : DILR-HEA:00731
Report Date : 25/07/2023
Period of Analysis : 19/07/2023-25/07/2023
Receipt Date : 19/07/2023
Sampling Date : 14/07/2023
Parameter Required : As per work order

S.No.	Test Parameters	Test Method	Result	Unit	Limits
1	pH	IS: 3025 (P-11): 2022	7.21	-	5.5 to 9.0
2	Total Suspended Solids (TSS)	IS: 3025 (P-17): 2022	8.50	mg/l	100
3	Total Dissolved Solids (TDS)	IS:3025 (P-16): 1984, RA: 2017	1263.60	mg/l	2100
4	Oil & Grease	IS:3025 (P-39): 2021	*BLQ(**LOQ-4.0)	mg/l	10
5	Biochemical Oxygen Demand (BOD) (3 days @ 27°C)	IS: 3025 (P-44): 1993, RA: 2019	18.00	mg/l	30
6	Chemical oxygen Demand (COD)	IS : 3025 (P-58) : 2008 RA: 2017	71.28	mg/l	250

*BLQ-Below Limit Of Quantification, **LOQ- Limit Of Detection

End of Report



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RK Yadav
Lab Incharge
Authorized Signatory



Sample Number : VTL/WW/02

M/s Dhariwal Infrastructure Ltd,
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Name & Address of the Party :

Sample Description : Waste Water
Sampling Location : ETP Outlet
Sample Collected By : VTL Team

Report No. : VTL/WW/2308210002/A
Format No : 7.8 F-01
Party Reference No : DILR-HEA-00731
Report Date : 27/08/2023
Period of Analysis : 21/08/2023-27/08/2023
Receipt Date : 21/08/2023
Sampling Date : 19/08/2023
Parameter Required : As per work order

S.No.	Test Parameters	Test Method	Result	Unit	Limits
1	pH	IS: 3025 (P-11): 2022	7.25	-	5.5 to 9.0
2	Total Suspended Solids (TSS)	IS: 3025 (P-17): 2022	9.70	mg/l	100
3	Total Dissolved Solids (TDS)	IS:3025 (P-16): 1984, RA: 2017	1251.80	mg/l	2100
4	Oil & Grease	IS:3025 (P-39): 2021	*BLO9**LOQ-4.0	mg/l	10
5	Biochemical Oxygen Demand (BOD) (3 days @ 27°C)	IS: 3025 (P-44): 1993, RA: 2019	16.50	mg/l	30
6	Chemical oxygen Demand (COD)	IS : 3025 (P-58) : 2006 RA: 2017	64.80	mg/l	250

*BLQ-Below Limit OF Quantification, **LOQ- Limit Of Detection

End of Report



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Sample Number : VTL/WW/02

M/s Dhariwal Infrastructure Ltd.
Plot No. C-8, 7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Name & Address of the Party :

Sample Description : Waste Water
Sampling Location : ETP Outlet
Sample Collected By : VTL Team

Report No. : VTL/WW/2305270002/A
Format No : 7.8 F-01
Party Reference No : DIL-R-HEA-00731
Report Date : 01/06/2023
Period of Analysis : 27/05/2023-01/08/2023
Receipt Date : 27/05/2023
Sampling Date : 24/05/2023
Parameter Required : As per work order

S.No.	Test Parameters	Test Method	Result	Unit	Limits
1	pH	IS: 3025 (P-11): 2022	7.21	-	5.5 to 9.0
2	Total Suspended Solids (TSS)	IS: 3025 (P-17): 2022	10.40	mg/l	100
3	Total Dissolved Solids (TDS)	IS:3025 (P-16): 1984, RA 2017	1280.00	mg/l	2100
4	Oil & Grease	IS:3025 (P-39): 2021	*BLO(**LOQ-4.0)	mg/l	10
5	Biochemical Oxygen Demand (BOD) (3 days @ 27°C)	IS: 3025 (P-44): 1993, RA: 2019	18.00	mg/l	30
6	Chemical oxygen Demand (COD)	IS : 3025 (P-58) : 2006 RA: 2017	71.28	mg/l	250

*BLO-Below Limit OF Quantification, **LOQ- Limit Of Detection

End of Report



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Sample Number : VTL/WW/02

M/s Dhariwal Infrastructure Ltd.
Plot No. C-6, 7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Name & Address of the Party :

Sample Description : Industrial Effluent
Sampling Location : ETP Outlet
Sample Collected By : VTL Team

Report No. : VTL/WW/2304180002/A
Format No : 7.8 F-01
Party Reference No : DIL R-HEA:00731
Report Date : 24/04/2023
Period of Analysis : 18/04/2023-24/04/2023
Receipt Date : 18/04/2023
Sampling Date : 15/04/2023
Parameter Required : As per work order

S.No.	Test Parameters	Test Method	Result	Unit	Limits
1	pH	IS: 3025 (P-11): 2022	7.18	-	5.5 to 9.0
2	Total Suspended Solids (TSS)	IS: 3025 (P-17): 2022	11.00	mg/l	100
3	Total Dissolved Solids (TDS)	IS:3025 (P-16): 1984, RA 2017	1210.00	mg/l	—
4	Oil & Grease	IS:3025 (P-39): 2021	*BLQ(**LOQ 4.0)	mg/l	10
5	Biochemical Oxygen Demand (BOD) (3 days @ 27°C)	IS: 3025 (P-44): 1993, RA: 2019	16.50	mg/l	30
6	Chemical oxygen Demand (COD)	IS : 3025 (P-58) : 2005 RA: 2017	66.0	mg/l	250

*BLQ-Below Limit Of Quantification, **LOQ- Limit Of Detection

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Sample Number : VTL/S/01
Name & Address of the Party : M/s Dharwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Report No. : VTL/S/2304180001/A
Format No : 7.8 F-03
Party Reference No : DIL/R/HEA/00731
Report Date : 24/04/2023
Period of Analysis : 18/04/2023-24/04/2023
Receipt Date : 18/04/2023

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : TPP - Unit -I
Sample Collected By : VTL Team
Date of Sampling : 14/04/2023
Sampling duration (Minutes) : 28 min. (10:00 to 10:28 hrs.)
Stack attached to : TPP
Make of stack : Iron (M.S)
Diameter of stack(m) : 5.0 m
Height of stack(m) : 275 m
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - T_a ($^{\circ}\text{C}$) : 32°C
Temperature of Stack Gases - T_s ($^{\circ}\text{C}$) : 126°C
Velocity of Stack Gases (m/sec.) : 25.2
Flow rate of PM (LPM) : 38 (1243020 Nm³/hr.)
Flow rate of Gas (LPM) : 2.0
Sampling condition : OK
Protocol used : IS 11255 & USEPA

S.No.	Parameters	Test Method	Results	Units
1	Particulate Matter (PM)	IS: 11255 (P-1): 1985, RA 2019	35.18	mg/Nm ³
2	Sulphur Dioxide (SO ₂)	IS: 11255(P- 2): 1985, RA 2019	2015.0	mg/Nm ³
3	Sulphur Dioxide (SO ₂)	IS: 11255(P-2): 1985, RA 2019	2504.0	Kg/hr.
4	Carbon Dioxide (CO ₂)	USEPA 3A: 1989	11.32	%
5	Oxygen	USEPA 3A: 1989	5.70	%
6	Oxide of Nitrogen (NO ₂)	IS-11255 (P-7), RA 2017	453.87	mg/Nm ³
7	Mercury (Hg)	USEPA 29: 1996	*BLQ(**LOQ 0.001)	mg/Nm ³
8	Moisture	IS-11255 (P-3), RA 2018	0.59	%

*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

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Sample Number : VTL/S/02
Name & Address of the Party : M/s Dhariwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Report No. : VTL/S/2304180002/A
Format No : 7.8 F-03
Party Reference No : DILR/HEA/00731
Report Date : 24/04/2023
Period of Analysis : 18/04/2023-24/04/2023
Receipt Date : 18/04/2023

Sample Description : Stack Emission Monitoring

General Information:-
Sampling Location : TPP - Unit -II
Sample Collected By : VTL Team
Date of Sampling : 14/04/2023
Sampling duration (Minutes) : 28 min. (11.00 to 11.28 hrs.)
Stack attached to : TPP
Make of stack : Iron (M.S)
Diameter of stack(m) : 5.0 m
Height of stack(m) : 275 m
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 33°C
Temperature of Stack Gases - Ts (°C) : 129°C
Velocity of Stack Gases (m/sec.) : 25.27
Flow rate of PM (LPM) : 36 (1227116 Nm³/hr.)
Flow rate of Gas (LPM) : 2.0
Sampling condition : OK
Protocol used : IS 11255 & USEPA

S.No.	Parameters	Test Method	Results	Units
1	Particulate Matter (PM)	IS: 11255 (P-1): 1985, RA 2019	32.55	mg/Nm ³
2	Sulphur Dioxide (SO ₂)	IS: 11255(P- 2): 1985, RA 2019	2589.35	mg/Nm ³
3	Sulphur Dioxide (SO ₂)	IS: 11255(P-2): 1985, RA 2019	3177.0	Kg/hr.
4	Carbon Dioxide (CO ₂)	USEPA 3A: 1989	13.90	%
5	Oxygen	USEPA 3A: 1989	6.90	%
6	Oxide of Nitrogen (NO ₂)	IS-11255 (P-7), RA 2017	647.0	mg/Nm ³
7	Mercury (Hg)	USEPA 29: 1996	*BLQ/**LOQ 0.001)	mg/Nm ³
8	Moisture	IS-11255 (P-3), RA 2018	0.58	%

*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

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Sample Number : VTL/S/01
Name & Address of the Party : M/s Dharwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Report No. : VTL/S/2307190001/A
Format No : 7.8 F-03
Party Reference No : DIL-R:HEA:00731
Report Date : 25/07/2023
Period of Analysis : 19/07/2023-25/07/2023
Receipt Date : 19/07/2023

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : TPP - Unit -I
Sample Collected By : VTL Team
Date of Sampling : 14/07/2023
Sampling duration (Minutes) : 28 min. (11:00 to 11:28 hrs.)
Stack attached to : TPP
Make of stack : Iron (M.S.)
Diameter of stack(m) : 5.0 m
Height of stack(m) : 275 m
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 30°C
Temperature of Stack Gases - Ts (°C) : 129°C
Velocity of Stack Gases (m/sec.) : 25.81
Flow rate of PM (LPM) : 36
Flow rate of Gas (LPM) : 2.0
Sampling condition : OK
Protocol used : IS 11255 & USEPA
Coordinates : --

S.No.	Parameters	Test Method	Results	Units
1	Particulate Matter (PM)	IS: 11255 (P-1): 1985, RA 2019	32.62	mg/Nm ³
2	Sulphur Dioxide (SO ₂)	IS: 11255(P- 2): 1985, RA 2019	2315.27	mg/Nm ³
3	Sulphur Dioxide (SO ₂)	IS: 11255(P-2): 1985, RA 2019	2347.69	kg/hr
4	Carbon Dioxide (CO ₂)	USEPA 3A: 1989	11.20	%
5	Oxygen	USEPA 3A: 1989	6.10	%
6	Oxide of Nitrogen (NO ₂)	IS-11255 (P-7), RA 2017	486.62	mg/Nm ³
7	Mercury (Hg)	USEPA 29: 1996	*BLQ(**LOQ-0.001)	mg/Nm ³
8	Moisture	IS-11255 (P-3), RA 2016	5.99	%

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Sample Number : VTL/S/02
Name & Address of the Party : M/s Dhariwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Report No. : VTL/S/2307190002/A
Format No : 7.8 F-03
Party Reference No : DIL/R/HEA-00731
Report Date : 25/07/2023
Period of Analysis : 19/07/2023-25/07/2023
Receipt Date : 19/07/2023

Sample Description : Stack Emission Monitoring

General Information:-
Sampling Location : TPP - Unit-II
Sample Collected By : VTL Team
Date of Sampling : 14/07/2023
Sampling duration (Minutes) : 27 min. (10:00 to 10:27 hrs.)
Stack attached to : TPP
Make of stack : Iron (M.S.)
Diameter of stack(m) : 5.0 m
Height of stack(m) : 27.5 m
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 30°C
Temperature of Stack Gases - Ts (°C) : 128°C
Velocity of Stack Gases (m/sec.) : 26.50
Flow rate of PM (LPM) : 37
Flow rate of Gas (LPM) : 2.0
Sampling condition : OK
Protocol used : IS 11255 & USEPA
Coordinates : --

S.No.	Parameters	Test Method	Results	Units
1	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	38.75	mg/Nm3
2	Sulphur Dioxide (SO ₂)	IS: 11255(P- 2): 1985, RA 2019	2181.66	mg/Nm3
3	Sulphur Dioxide (SO ₂)	IS: 11255(P-2): 1985, RA 2019	2212.51	kg/hr
4	Carbon Dioxide (CO ₂)	USEPA 3A: 1989	12.10	%
5	Oxygen	USEPA 3A: 1989	7.20	%
6	Oxide of Nitrogen (NO ₂)	IS-11255 (P-7), RA 2017	563.73	mg/Nm3
7	Mercury (Hg)	USEPA 29: 1995	*BLQ(**LOQ-0.001)	mg/Nm3
8	Moisture	IS-11255 (P-3), RA 2018	5.49	%

*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

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Sample Number : VTL/S/01

Name & Address of the Party : M/s Dhanwal Infrastructure Ltd.

Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Report No. : VTUS/2310190012/A

Format No : 7.8 F-03

Party Reference No : DIL/R-HEA-00731

Report Date : 25/10/2023

Period of Analysis : 19/10/2023-25/10/2023

Receipt Date : 19/10/2023

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : TPP - Unit -I
Sample Collected By : VTL Team
Date of Sampling : 08/10/2023
Sampling duration (Minutes) : 27 min. (10:00 to 10:27 hrs.)
Stack attached to : TPP
Make of stack : MS
Diameter of stack(m) : 5.0 m
Height of stack(m) : 275 m
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 37°C
Temperature of Stack Gases - Ts (°C) : 128°C
Velocity of Stack Gases (m/sec.) : 26.50
Flow rate of PM (LPM) : 37 (1354323.59 Nm³/hr.)
Flow rate of Gas (LPM) : 2.0
Sampling condition : OK
Protocol used : IS 11255 & USEPA
Coordinates : -

S.No.	Parameters	Test Method	Results	Units
1	Particulate Matter (PM)	IS: 11255 (P-1): 1985, RA 2019	33.26	mg/Nm ³
2	Sulphur Dioxide (SO ₂)	IS: 11255(P- 2): 1985, RA 2019	2075.00	mg/Nm ³
3	Sulphur Dioxide (SO ₂)	IS: 11255(P-2): 1985, RA 2019	3736.00	Kg/hr
4	Carbon Dioxide (CO ₂)	USEPA 3A: 1989	11.51	%
5	Oxygen	USEPA 3A: 1989	5.98	%
6	Oxide of Nitrogen (NO ₂)	IS-11255 (P-7), RA 2017	456.25	mg/Nm ³
7	Mercury (Hg)	USEPA 29: 1996	*BLQ(**LOQ-0.001)	mg/Nm ³
8	Moisture	IS-11255 (P-3), RA 2018	5.16	%

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Sample Number : VTL/S/02

Name & Address of the Party : M/s Dhariwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadal Industrial Area, MIDC,
Village- Tadal, Dist- Chandrapur

Report No. : VTL/S/2310190013/A
Format No : 7.8 F-03
Party Reference No : DIL-R:HEA-90731
Report Date : 25/10/2023
Period of Analysis : 19/10/2023-25/10/2023
Receipt Date : 19/10/2023

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : TPP - Unit -II
Sample Collected By : VTL Team
Date of Sampling : 08/10/2023
Sampling duration (Minutes) : 27 min. (12:00 to 12:27 hrs.)
Stack attached to : TPP
Make of stack : MS
Diameter of stack(m) : 5.0 m
Height of stack(m) : 275 m
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 37°C
Temperature of Stack Gases - Ts (°C) : 132°C
Velocity of Stack Gases (m/sec.) : 26.38
Flow rate of PM (LPM) : 37 (1334875.25 Nm3/hr.)
Flow rate of Gas (LPM) : 2.0
Sampling condition : OK
Protocol used : IS 11255 & USEPA
Coordinates : --

S.No.	Parameters	Test Method	Results	Units
1	Particulate Matter (PM)	IS: 11255 (P-1): 1985, RA 2019	30.89	mg/Nm3
2	Sulphur Dioxide (SO ₂)	IS: 11255(P-2): 1985, RA 2019	2478.26	mg/Nm3
3	Sulphur Dioxide (SO ₂)	IS: 11255(P-2): 1985, RA 2019	4460.87	Kg/hr
4	Carbon Dioxide (CO ₂)	USEPA 3A: 1989	13.05	%
5	Oxygen	USEPA 3A: 1989	6.74	%
6	Oxide of Nitrogen (NO ₂)	IS-11255 (P-7), RA 2017	651.26	mg/Nm3
7	Mercury (Hg)	USEPA 29: 1996	*BLQ(**LOQ-0.001)	mg/Nm3
8	Moisture	IS-11255 (P-3), RA 2018	5.49	%

*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

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Sample Number : VTL/S/01
Name & Address of the Party : M/s Dhariwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Report No. : VTL/S/2403110001/A
Format No : 7.8 F-03
Party Reference No : DIL/R/HEA-00731
Report Date : 15/03/2024
Period of Analysis : 11/03/2024-15/03/2024
Receipt Date : 11/03/2024

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : TPP unit -I
Sample Collected By : VTL Team
Date of Sampling : 07/03/2024
Sampling duration (Minutes) : 28 min. (09:40 to 10:08 hrs.)
Stack attached to : Boiler-I
Make of stack : MS
Diameter of stack(m) : 5.0 m
Height of stack(m) : 275 m
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 25°C
Temperature of Stack Gases - Ts (°C) : 130
Velocity of Stack Gases (m/sec.) : 25.51
Flow rate of PM (LPM) : 36 (1297875.71 Nm³/hr.)
Flow rate of Gas (LPM) : 2.0
Sampling condition : OK
Protocol used : IS-11255 & USEPA
Coordinates : -

S.No.	Parameters	Test Method	Results	Units
1	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	38.45	mg/Nm ³
2	Sulphur Dioxide (SO ₂)	IS: 11255(P-2): 1985, RA 2019	1985.69	mg/Nm ³
3	Sulphur Dioxide (SO ₂)	IS: 11255(P-2): 1985, RA 2019	2845.44	Kg/hr
4	Carbon Dioxide (CO ₂)	USEPA 3A: 1989	11.29	%
	Oxygen	USEPA 3A: 1989	7.03	%
6	Oxide of Nitrogen (NO _x)	IS-11255 (P-7), RA 2017	354.00	mg/Nm ³
7	Mercury (Hg)	USEPA 29: 1995	*BLQ/**LOQ-0.001)	mg/Nm ³
8	Moisture	IS-11255 (P-3), RA 2018	5.03	%

*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

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Sample Number : VTL/S/02
Name & Address of the Party : M/s Dhaniwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Report No. : VTL/S/2403110002/A
Format No : 7.8 F-03
Party Reference No : DILR/HEA-00731
Report Date : 15/03/2024
Period of Analysis : 11/03/2024-15/03/2024
Receipt Date : 11/03/2024

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : TPP Unit -II
Sample Collected By : VTL Team
Date of Sampling : 07/03/2024
Sampling duration (Minutes) : 28 min. (12:20 to 12:48 hrs.)
Stack attached to : Boiler -II
Make of stack : MS
Diameter of stack(m) : 5.0 m
Height of stack(m) : 275 m
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 25°C
Temperature of Stack Gases - Ts (°C) : 129°C
Velocity of Stack Gases (m/sec.) : 25.81
Flow rate of PM (LPM) : 38 (1315959.71 Nm³/hr.)
Flow rate of Gas (LPM) : 2.0
Sampling condition : OK
Protocol used : IS-11255 & USEPA
Coordinates : -

S.No.	Parameters	Test Method	Results	Units
1	Particulate Matter (PM)	IS: 11255 (P-1): 1985, RA 2019	41.67	mg/Nm ³
2	Sulphur Dioxide (SO ₂)	IS: 11255(P- 2): 1985, RA.2019	2416.11	mg/Nm ³
3	Sulphur Dioxide (SO ₂)	IS: 11255(P-2): 1985, RA 2019	3284.14	Kg/hr
4	Carbon Dioxide (CO ₂)	USEPA 3A: 1989	12.45	%
	Oxygen	USEPA 3A: 1989	6.29	%
6	Oxide of Nitrogen (NO _x)	IS-11255 (P-7): RA 2017	316.00	mg/Nm ³
7	Mercury (Hg)	USEPA 29: 1996	*BLQ(**LOQ-0.001)	mg/Nm ³
8	Moisture	IS-11255 (P-3): RA 2018	6.98	%

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Sample Number : VTL/AA/01

Name & Address of the Party : M/s Dhariwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadai Industrial Area, MIDC,
Village- Tadai, Dist- Chandrapur

Report No. : VTL/A/2304180001/A

Format No : 7.8 F-02

Party Reference No : DILR/HEA/00731

Report Date : 24/04/2023

Period of Analysis : 18/04/2023-24/04/2023

Receipt Date : 18/04/2023

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : VIP Gate (Near AAQMS Cabin -01)
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/01
Coordinates : -
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 10/04/2023 To 11/04/2023
Time of Monitoring : 09:00 to 09:00 Hrs.
Ambient Temperature (°C) : Min.22° Max 39°
Surrounding Activity : Human, Vehicular & Plant Activity
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	61.66	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	31.17	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	15.28	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	8.31	µg/m³	80
5	Benzene (as C6H6)	IS:5182 (P-11)-2006, RA.2017	*BLQ (**LOQ 1.0)	µg/m³	5
6	Ammonia (as NH3)	Methods of air sampling and analysis,3rd ed.,1988, Method No. 401	5.46	µg/m³	400
7	Ozone (as O3)	IS 5182 (P-9):1974, RA.2019	19.21	µg/m³	180
8	Lead (as Pb)	IS 5182 (P-22) : 2004, RA.2019	*BLQ (**LOQ 0.02)	µg/m³	1
9	Arsenic (as As)	Methods of air sampling and analysis,3rd ed.,1988, Method No.302	BLQ (**LOQ 0.15)	ng/m³	6
10	Nickel (as Ni)	USEPA compendium IO-3.2,1999	*BLQ (**LOQ 5.0)	ng/m³	20



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Sample Number : VTL/AA/01

Report No. : VTL/A/2304180001/A

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
11	Benzo (alpha) Pyrene-Particulate Phase Only	IS-5182 (P-12):2004, RA.2019	*BLQ (**LOQ 0.2)	ng/m ³	1

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

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Sample Number : VTL/AA/01

Name & Address of the Party : M/s Dharwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Report No. : VTL/A/2304180001/B
Format No : 7.8 F-02
Party Reference No : DIL/R/HEA/00731
Report Date : 24/04/2023
Period of Analysis : 18/04/2023-24/04/2023
Receipt Date : 18/04/2023

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : VIP Gate (Near AAQMS Cabin -01)
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/01
Coordinates : -
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 10/04/2023 To 11/04/2023
Time of Monitoring : 09:00 to 09:00 Hrs.
Ambient Temperature (°C) : Min. 22° Max 39°
Surrounding Activity : Human, Vehicular & Plant Activity
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS -5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02-2022, STP-08	0.64	mg/m ³	4
2	Mercury (as Hg)	Methods of air sampling and analysis, 3rd ed., 1988, Method No.317	*BLQ (**LOQ 0.001)	µg/m ³	--

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

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Sample Number : VTL/AA/02

Name & Address of the Party : M/s Dhariwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Report No. : VTL/A/2304180002/A
Format No : 7.8 F-02
Party Reference No : DILR/HEA/00731
Report Date : 24/04/2023
Period of Analysis : 18/04/2023-24/04/2023
Receipt Date : 18/04/2023

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : ETP (Near AAQMS Cabin -02 & RWH Pond)
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/02
Coordinates : -
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 10/04/2023 To 11/04/2023
Time of Monitoring : 09:40 to 09:40 Hrs.
Ambient Temperature (°C) : Min 22° Max 39°
Surrounding Activity : Human, Vehicular & Plant Activity
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA, 2017	67.96	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	25.42	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA,2018	14.92	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA, 2018	7.91	µg/m³	80
5	Benzene (as C6H6)	IS:5182 (P-11)-2006, RA,2017	*BLQ (**LOQ 1.0)	µg/m³	5
6	Ammonia (as NH3)	Methods of air sampling and analysis,3rd ed.,1988, Method No. 401	3.51	µg/m³	400
7	Ozone (as O3)	IS:5182 (P-9):1974, RA,2019	16.20	µg/m³	180
8	Lead (as Pb)	IS:5182 (P-22):2004, RA,2019	*BLQ (**LOQ 0.02)	µg/m³	1
9	Arsenic (as As)	Methods of air sampling and analysis,3rd ed.,1988, Method No.302	*BLQ (**LOQ 0.15)	ng/m³	6
10	Nickel (as Ni)	USEPA compendium IO-3.2,1999	*BLQ (**LOQ 5.0)	ng/m³	20



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Sample Number : VTL/AA/02

Report No. : VTL/A/2304180002/A

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
11	Benzo (alpha) Pyrene-Particulate Phase Only	IS-5182 (P-12):2004, RA.2019	*BLQ (**LOQ 0.2)	ng/m ³	1

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

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Sample Number : VTL/AA/02

Name & Address of the Party : M/s Dharwal Infrastructure Ltd.
Plot No. C-8, 7 & 8, Tadali Industrial Area, MIDC
Village- Tadali, Dist- Chandrapur

Report No. : VTL/A/2304180002/B

Format No : 7.8 F-02

Party Reference No : DILR/HEA/00731

Report Date : 24/04/2023

Period of Analysis : 18/04/2023-24/04/2023

Receipt Date : 18/04/2023

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : ETP (Near AAQMS Cabin -02 & RWH Pond)
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/02
Coordinates : -
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 10/04/2023 To 11/04/2023
Time of Monitoring : 09:40 to 09:40 Hrs.
Ambient Temperature (°C) : Min 22° Max 39°
Surrounding Activity : Human, Vehicular & Plant Activity
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02:2022, STP-08	0.60	mg/m ³	4
2	Mercury (as Hg)	Methods of air sampling and analysis, 3rd ed., 1988, Method No.317	*BLQ (**LOQ 0.001)	µg/m ³	-

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

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Sample Number : VTL/AA/03
Name & Address of the Party : M/s Dhariwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Report No. : VTL/A/2304180003/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 24/04/2023
Period of Analysis : 18/04/2023-24/04/2023
Receipt Date : 18/04/2023

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Old Switch Yard (Near AAQMS Cabin -03)
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/03
Coordinates : -
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 10/04/2023 To 11/04/2023
Time of Monitoring : 10:20 to 10:20 Hrs.
Ambient Temperature (°C) : Min.22° Max.39°
Surrounding Activity : Human, Vehicular & Plant Activity
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS 5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	66.54	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	27.62	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	18.29	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	9.21	µg/m³	80
5	Benzene (as C6H6)	IS 5182 (P-11)-2006, RA.2017	*BLQ (**LOQ 1.0)	µg/m³	5
6	Ammonia (as NH3)	Methods of air sampling and analysis,3rd ed., 1988, Method No. 401	6.10	µg/m³	400
7	Ozone (as O3)	IS 5182 (P-9):1974, RA.2019	20.10	µg/m³	180
8	Lead (as Pb)	IS 5182 (P-22) : 2004, RA.2019	*BLQ (**LOQ 0.02)	µg/m³	1
9	Arsenic (as As)	Methods of air sampling and analysis,3rd ed., 1988, Method No.302	*BLQ (**LOQ 0.15)	ng/m³	6
10	Nickel (as Ni)	USEPA compendium IO-3.2.1999	*BLQ (**LOQ 5.0)	ng/m³	20



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Sample Number : VTL/AA/03

Report No. : VTL/A/2304180003/A

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
11	Benzo (alpha) Pyrene-Particulate Phase Only	IS:5182 (P-12):2004, RA,2019	*BLQ (**LOQ 0.2)	ng/m ³	1

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report



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Sample Number : VTL/AA/03

Name & Address of the Party : M/s Dharwal Infrastructure Ltd.
Plot No. C-5, 7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Report No. : VTL/A/2304180003/B

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 24/04/2023

Period of Analysis : 18/04/2023-24/04/2023

Receipt Date : 18/04/2023

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Old Switch Yard (Near AAQMS Cabin -03)
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/03
Coordinates : --
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 10/04/2023 To 11/04/2023
Time of Monitoring : 10:20 to 10:20 Hrs.
Ambient Temperature (°C) : Min 22° Max 39°
Surrounding Activity : Human, Vehicular & Plant Activity
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02:2022, STP-08	0.68	mg/m ³	4
2	Mercury (as Hg)	Methods of air sampling and analysis, 3rd ed., 1988, Method No.317	*BLQ (**LOQ 0.001)	µg/m ³	--

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report



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Sample Number : VTL/AA/01

Name & Address of the Party : M/s Dharwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Report No. : VTL/A/2403110009/A
Format No : 7.8 F-02
Party Reference No : DIL/R/HEA-00731
Report Date : 15/03/2024
Period of Analysis : 11/03/2024-15/03/2024
Receipt Date : 11/03/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-
Sampling Location : VIP Gate (Near AAQMS Cabin -01)
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FP6
Instrument Code : VTL/RDS/FP5/01
Coordinates : -
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 06/03/2024 To 07/03/2024
Time of Monitoring : 14:00 to 14:00 Hrs.
Ambient Temperature (°C) : Min 19° Max 37°
Surrounding Activity : Human, Vehicular & Other Activity
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM ₁₀)	IS:5182 (P- 23)-2006, RA. 2017	66.85	µg/m ³	100
2	Particulate Matter (as PM _{2.5})	IS:5182 (P- 24)-2019	32.49	µg/m ³	60
3	Nitrogen Dioxide (as NO ₂)	IS:5182 (P- 6)-2006, RA.2018	21.03	µg/m ³	80
4	Sulphur Dioxide (as SO ₂)	IS:5182 (P- 2)-2001, RA. 2018	10.96	µg/m ³	80
5	Benzene (as C ₆ H ₆)	IS 5182 (P-11)-2006, RA.2017	*BLQ (**LOQ 1.0)	µg/m ³	5
6	Ammonia (as NH ₃)	Methods of air sampling and analysis,3rd ed.,1988, Method No. 401	7.26	µg/m ³	400
	Ozone (as O ₃)	IS 5182 (P-8):1974, RA.2019	17.95	µg/m ³	180
8	Lead (as Pb)	IS 5182 (P-22) : 2004, RA.2019	*BLQ (**LOQ 0.02)	µg/m ³	1
9	Arsenic (as As)	Methods of air sampling and analysis,3rd ed.,1988, Method No.302	*BLQ (**LOQ 0.15)	ng/m ³	6
10	Nickel (as Ni)	USEPA compendium IO-3.2,1999	*BLQ (**LOQ 5.0)	ng/m ³	20
11	Benzo (alpha) Pyrene-Particulate Phase Only	IS:5182 (P-12):2004, RA.2019	*BLQ (**LOQ 0.2)	ng/m ³	1



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TEST REPORT



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Sample Number : VTL/AA/01

Report No. : VTL/A/2403110009/A

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report



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**VIBRANT***"Experience the unimaginable"*

Sample Number : VTL/AA/01

Name & Address of the Party : M/s Dhanwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadal Industrial Area, MIDC,
Village- Tadal, Dist- Chandrapur**TEST REPORT**Report No. : VTL/A/2403110009/B
Format No : 7.8 F-02
Party Reference No : DIL/R-HEA-00731
Report Date : 15/03/2024
Period of Analysis : 11/03/2024-15/03/2024
Receipt Date : 11/03/2024Sample Description : **AMBIENT AIR QUALITY MONITORING****General Information:-**Sampling Location : VIP Gate (Near AAQMS Cabin -01)
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/01
Coordinates : -
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 06/03/2024 To 07/03/2024
Time of Monitoring : 14:00 to 14:00 Hrs.
Ambient Temperature (°C) : Min 19° Max 37°
Surrounding Activity : Human, Vehicular & Other Activity
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS -5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02:2022, STP-08	0.76	mg/m ³	4
2	Mercury (as Hg)	Methods of air sampling and analysis, 3rd ed., 1988, Method No.317	*BLQ (**LOQ 0.5)	µg/m ³	--

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report

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Sample Number : VTL/AA/02

Name & Address of the Party : M/s Dhariwal Infrastructure Ltd.
Plot No. C-6, 7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Report No. : VTL/A/2403110010/A
Format No : 7.8 F-02
Party Reference No : DILR/HEA/00731
Report Date : 15/03/2024
Period of Analysis : 11/03/2024-15/03/2024
Receipt Date : 11/03/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : ETP (Near AAQMS Cabin-02 & RWH Pond)
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/02
Coordinates : -
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 06/03/2024 To 07/03/2024
Time of Monitoring : 14:30 to 14:30 Hrs.
Ambient Temperature (°C) : Min 19° Max 37°
Surrounding Activity : Human, Vehicular & Other Activity
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS 5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	63.89	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	29.78	µg/m³	80
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	18.46	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	10.91	µg/m³	80
5	Benzene (as C6H6)	IS 5182 (P-11)-2006, RA.2017	*BLQ (**LOQ 1.0)	µg/m³	5
6	Ammonia (as NH3)	Methods of air sampling and analysis, 3rd ed., 1988, Method No. 401	5.96	µg/m³	400
	Ozone (as O3)	IS 5182 (P-9):1974, RA.2019	17.96	µg/m³	180
8	Lead (as Pb)	IS 5182 (P-22) : 2004, RA.2019	*BLQ (**LOQ 0.02)	µg/m³	1
9	Arsenic (as As)	Methods of air sampling and analysis, 3rd ed., 1988, Method No.302	*BLQ (**LOQ 0.15)	ng/m³	6
10	Nickel (as Ni)	USEPA compendium IO-3.2.1995	*BLQ (**LOQ 5.0)	ng/m³	20
11	Benzo (alpha) Pyrene-Particulate Phase Only	IS:5182 (P-12):2004, RA.2019	*BLQ (**LOQ 0.2)	ng/m³	1



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Sample Number : VTL/AA/02

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report

TEST REPORT



Report No. : VTL/A/2403110010/A



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Sample Number : VTL/AA/02

Name & Address of the Party : M/s Dhariwal Infrastructure Ltd
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Report No. : VTL/A/2403110010/B
Format No. : 7.8 F-02
Party Reference No : DIL/R-HEA-00731
Report Date : 15/03/2024
Period of Analysis : 11/03/2024-15/03/2024
Receipt Date : 11/03/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : ETP (Near AAQMS Cabin-02 & RWH Pond)
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/02
Coordinates : -
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 06/03/2024 To 07/03/2024
Time of Monitoring : 14:30 to 14:30 Hrs.
Ambient Temperature (°C) : Min.19° Max 37°
Surrounding Activity : Human, Vehicular & Other Activity
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02:2022, STP-06	0.69	mg/m ³	4
2	Mercury (as Hg)	Methods of air sampling and analysis, 3rd ed., 1988, Method No.317	*BLQ (**LOQ 0.5)	µg/m ³	-

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report

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Sample Number : VTL/AA/03

Name & Address of the Party : M/s Dhartiwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Report No. : VTL/A/2403110011/A
Format No : 7.8 F-02
Party Reference No : DIL/R/HEA-00731
Report Date : 15/03/2024
Period of Analysis : 11/03/2024-15/03/2024
Receipt Date : 11/03/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-
Sampling Location : Old Switch Yard (Near AAQMS Cabin-03)
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/03
Coordinates : -
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 06/03/2024 To 07/03/2024
Time of Monitoring : 15:00 to 15:00 Hrs.
Ambient Temperature (°C) : Min.19° Max 37°
Surrounding Activity : Human, Vehicular & Plant Activity
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	66.85	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	33.26	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	19.76	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	9.89	µg/m³	80
5	Benzene (as C6H6)	IS 5182 (P-11)-2006, RA.2017	*BLQ (**LOQ 1.0)	µg/m³	5
6	Ammonia (as NH3)	Methods of air sampling and analysis,3rd ed.,1988, Method No. 401	8.36	µg/m³	400
	Ozone (as O3)	IS 5182 (P-9):1974, RA.2019	19.12	µg/m³	180
8	Lead (as Pb)	IS 5182 (P-22) : 2004, RA.2019	*BLQ (**LOQ 0.02)	µg/m³	1
9	Arsenic (as As)	Methods of air sampling and analysis,3rd ed.,1988, Method No.302	*BLQ (**LOQ 0.15)	ng/m³	6
10	Nickel (as Ni)	USEPA compendium IO-3.2,1999	*BLQ (**LOQ 5.0)	ng/m³	20
11	Benzo (alpha) Pyrene-Particulate Phase Only	IS:5182 (P-12):2004, RA.2019	*BLQ (**LOQ 0.2)	ng/m³	1



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Sample Number : VTL/AA/03

Report No. : VTL/A/2403110011/A

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

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**VIBRANT***"Experience the unimaginable"***TEST REPORT**

Sample Number : VTL/AA/03

Name & Address of the Party : M/s Dharwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Report No. : VTL/A/2403110011/B

Format No : 7.8 F-02

Party Reference No : DILR/HEA-00731

Report Date : 15/03/2024

Period of Analysis : 11/03/2024-15/03/2024

Receipt Date : 11/03/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Old Switch Yard (Near AAQMS Cabin-03)
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/03
Coordinates : -
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 06/03/2024 To 07/03/2024
Time of Monitoring : 15:00 to 15:00 Hrs.
Ambient Temperature (°C) : Min 19° Max 37°
Surrounding Activity : Human, Vehicular & Plant Activity
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02-2022, STP-08	0.67	mg/m ³	4
2	Mercury (as Hg)	Methods of air sampling and analysis, 3rd ed., 1988, Method No.317	*BLQ (**LOQ 0.5)	µg/m ³	-

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

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Sample Number : VTL/AA/08
Name & Address of the Party : M/s Dhanwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Report No. : VTL/A/2304180006/A
Format No : 7.8 F-02
Party Reference No : DIL/R-HEA-00731
Report Date : 24/04/2023
Period of Analysis : 18/04/2023-24/04/2023
Receipt Date : 18/04/2023

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Wandhri Village
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/03
Coordinates : -
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 11/04/2023 To 12/04/2023
Time of Monitoring : 11:00 to 11:00 Hrs.
Ambient Temperature (°C) : Min.22° Max 39°
Surrounding Activity : Human, Vehicular & Other Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS-5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS-5182 (P- 23)-2006, RA. 2017	58.16	µg/m³	100
2	Particulate Matter (as PM2.5)	IS-5182 (P- 24)-2019	27.86	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS-5182 (P- 6)-2006, RA.2018	16.72	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS-5182 (P- 2)-2001, RA. 2018	9.25	µg/m³	80
5	Benzene (as C6H6)	IS-5182 (P-11)-2006, RA.2017	*BLQ (**LOQ 1.0)	µg/m³	5
6	Ammonia (as NH3)	Methods of air sampling and analysis,3rd ed.,1998, Method No. 401	5.29	µg/m³	400
7	Ozone (as O3)	IS-5182 (P-9)-1974, RA.2019	14.12	µg/m³	180
8	Lead (as Pb)	IS-5182 (P-22) : 2004, RA.2019	*BLQ (**LOQ 0.02)	µg/m³	1
9	Arsenic (as As)	Methods of air sampling and analysis,3rd ed.,1998, Method No.302	*BLQ (**LOQ 0.15)	ng/m³	6
10	Nickel (as Ni)	USEPA compendium IO-3.2,1999	*BLQ (**LOQ 5.0)	ng/m³	20



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MB Mishra



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B. Yadav
Lab Incharge



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Sample Number : VTL/AA/06

Report No. : VTL/A/2304180006/A

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
11	Benzo (alpha) Pyrene-Particulate Phase Only	IS:5192 (P-12):2004, RA.2019	*BLQ (**LOQ 0.2)	ng/m ³	1

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

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Manish



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Sample Number : VTL/AA/06
Name & Address of the Party : M/s Dhariwal Infrastructure Ltd
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Report No. : VTL/A/2304180006/B
Format No : 7.8 F-02
Party Reference No : DILR/HEA-00731
Report Date : 24/04/2023
Period of Analysis : 18/04/2023-24/04/2023
Receipt Date : 18/04/2023

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Wandhri Village
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/03
Coordinates : -
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 11/04/2023 To 12/04/2023
Time of Monitoring : 11:00 to 11:00 Hrs.
Ambient Temperature (°C) : Min 22° Max 39°
Surrounding Activity : Human, Vehicular & Other Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02:2022, STP-08	0.61	mg/m ³	4
2	Mercury (as Hg)	Methods of air sampling and analysis 3rd ed., 1988, Method No.317	*BLQ (**LOQ 0.001)	µg/m ³	-

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

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Sample Number : VTL/AA/07

Name & Address of the Party : M/s Dharwal Infrastructure Ltd.
Plot No. C-6, 7 & 8, Tadali Industrial Area, MIDC,
Village-Tadali, Dist- Chandrapur

Report No. : VTL/A/2304180007/A

Format No : 7.8 F-02

Party Reference No : DILR/HEA/00731

Report Date : 24/04/2023

Period of Analysis : 18/04/2023-24/04/2023

Receipt Date : 18/04/2023

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Sonagson Village
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/01
Coordinates : -
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 12/04/2023 To 13/04/2023
Time of Monitoring : 10:10 to 10:10 Hrs.
Ambient Temperature (°C) : Min.24° Max 41°
Surrounding Activity : Human, Vehicular & Other Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS-5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS-5182 (P- 23)-2006, RA. 2017	51.66	µg/m³	100
2	Particulate Matter (as PM2.5)	IS-5182 (P- 24)-2019	30.21	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS-5182 (P- 6)-2006, RA. 2018	14.59	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS-5182 (P- 2)-2001, RA. 2018	7.81	µg/m³	80
5	Benzene (as C6H6)	IS-5182 (P-11)-2006, RA.2017	*BLQ (**LOQ 1.0)	µg/m³	5
6	Ammonia (as NH3)	Methods of air sampling and analysis,3rd ed., 1986, Method No. 401	*BLQ (**LOQ 2.0)	µg/m³	400
7	Ozone (as O3)	IS-5182 (P-9)-1974, RA. 2019	16.24	µg/m³	180
8	Lead (as Pb)	IS-5182 (P-22) : 2004, RA.2019	*BLQ (**LOQ 0.02)	µg/m³	1
9	Arsenic (as As)	Methods of air sampling and analysis,3rd ed., 1986, Method No.302	*BLQ (**LOQ 0.15)	ng/m³	6
10	Nickel (as Ni)	USEPA compendium IO-3.2,1999	*BLQ (**LOQ 5.0)	ng/m³	20



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M. B. Mishra
Incharge



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Sample Number : VTL/AA/07

Report No. : VTL/A/2304180007/A

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
11	Benzo (alpha) Pyrene-Particulate Phase Only	IS:5182 (P-12):2004, RA.2019	*BLQ (**LOQ 0.2)	ng/m ³	1

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

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Sample Number : VTL/AA/07

Name & Address of the Party : M/s Dhanwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Report No. : VTL/A/2304180007/B
Format No : 7.8 F-02
Party Reference No : DILR/HEA/00731
Report Date : 24/04/2023
Period of Analysis : 18/04/2023-24/04/2023
Receipt Date : 18/04/2023

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Sonegaon Village
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/01
Coordinates : -
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 12/04/2023 To 13/04/2023
Time of Monitoring : 10:10 to 10:10 Hrs.
Ambient Temperature (°C) : Min 24° Max 41°
Surrounding Activity : Human, Vehicular & Other Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02/2022, STP-08	0.49	mg/m ³	4
2	Mercury (as Hg)	Methods of air sampling and analysis, 3rd ed., 1988, Method No.317	*BLQ (**LOQ 0.001)	ug/m ³	--

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

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Sample Number : VTL/AA/08

Name & Address of the Party : M/s Dhariwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Report No. : VTL/A/2304180008/A

Format No : 7.8 F-02

Party Reference No : DILIR/HEA.00731

Report Date : 24/04/2023

Period of Analysis : 18/04/2023-24/04/2023

Receipt Date : 18/04/2023

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Yerur Village
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/02
Coordinates : —
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 12/04/2023 To 13/04/2023
Time of Monitoring : 11:20 to 11:20 Hrs.
Ambient Temperature (°C) : Min.24° Max 41°
Surrounding Activity : Human, Vehicular & Other Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS 5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	54.57	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	26.48	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	14.21	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	8.43	µg/m³	80
5	Benzene (as C6H6)	IS 5182 (P-11)-2006, RA.2017	*BLQ (**LOQ 1.0)	µg/m³	5
6	Ammonia (as NH3)	Methods of air sampling and analysis,3rd ed.,1986, Method No. 401	5.11	µg/m³	400
7	Ozone (as O3)	IS 5182 (P-9):1974, RA.2019	14.28	µg/m³	180
8	Lead (as Pb)	IS 5182 (P-22) : 2004, RA.2019	*BLQ (**LOQ 0.02)	µg/m³	1
9	Arsenic (as As)	Methods of air sampling and analysis,3rd ed.,1986, Method No.302	*BLQ (**LOQ 0.15)	ng/m³	6
10	Nickel (as Ni)	USEPA compendium IO-3.2,1999	*BLQ (**LOQ 5.0)	ng/m³	20



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Sample Number : VTL/AA/08

Report No. : VTL/A/2304180008/A

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
11	Benzo (alpha) Pyrene-Particulate Phase Only	IS:5182 (P-12):2004, RA:2019	*BLQ (**LOQ 0.2)	ng/m ³	1

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report



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Sample Number : VTL/AA/08
Name & Address of the Party : M/s Dhanwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Report No. : VTL/A/2304180008/B
Format No : 7.8 F-02
Party Reference No : DIL/R-HEA/00731
Report Date : 24/04/2023
Period of Analysis : 18/04/2023-24/04/2023
Receipt Date : 18/04/2023

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Yerur Village
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/02
Coordinates : -
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 12/04/2023 To 13/04/2023
Time of Monitoring : 11:20 to 11:20 Hrs.
Ambient Temperature (°C) : Min.24° Max 41°
Surrounding Activity : Human, Vehicular & Other Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS -5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02-2022, STP-08	0.62	mg/m ³	4
2	Mercury (as Hg)	Methods of air sampling and analysis, 3rd ed., 1988, Method No.317	*BLQ (**LOQ 0.001)	µg/m ³	-

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report



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MB Mishra



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Lab Incharge
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Vibrant Techno Lab Pvt. Ltd.

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Sample Number : VTL/AA/04
Name & Address of the Party : M/s Dhariwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Report No. : VTL/A/2403110014/A
Format No : 7.8 F-02
Party Reference No : DILR-HEA:00731
Report Date : 15/03/2024
Period of Analysis : 11/03/2024-15/03/2024
Receipt Date : 11/03/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-
Sampling Location : Village - Wandhri
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTLRDS/FPS/02
Coordinates : -
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 07/03/2024 To 08/03/2024
Time of Monitoring : 17:00 to 17:00 Hrs.
Ambient Temperature (°C) : Min. 19° Max 39°
Surrounding Activity : Human, Vehicular & Other Activity
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	61.28	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	35.95	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	17.41	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	9.14	µg/m³	80
5	Benzene (as C6H6)	IS 5182 (P-11)-2006, RA.2017	*BLQ (**LOQ 1.0)	µg/m³	5
6	Ammonia (as NH3)	Methods of air sampling and analysis, 3rd ed., 1988, Method No. 401	5.16	µg/m³	400
	Ozone (as O3)	IS 5182 (P-9):1974, RA.2019	15.49	µg/m³	180
8	Lead (as Pb)	IS 5182 (P-22) : 2004, RA.2019	*BLQ (**LOQ 0.02)	µg/m³	1
9	Arsenic (as As)	Methods of air sampling and analysis, 3rd ed., 1988, Method No.302	*BLQ (**LOQ 0.15)	ng/m³	8
10	Nickel (as Ni)	USEPA compendium IO-3.2,1999	*BLQ (**LOQ 5.0)	ng/m³	20
11	Benzo (alpha) Pyrene-Particulate Phase Only	IS:5182 (P-12):2004, RA.2019	*BLQ (**LOQ 0.2)	ng/m³	1



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Lab Incharge
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TC-11227

Sample Number : VTL/AA/04

Report No. : VTL/A/2403110014/A

*BLO-Below Limit Of Quantification, **LOQ-Limit Of Quantification

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Sample Number : VTL/AA/04

Name & Address of the Party : M/s Dhariwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Report No. : VTL/A/2403110014/B
Format No : 7.8 F-02
Party Reference No : DIL/R-HEA/00731
Report Date : 15/03/2024
Period of Analysis : 11/03/2024-15/03/2024
Receipt Date : 11/03/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Village - Wandhri
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/02
Coordinates : -
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 07/03/2024 To 08/03/2024
Time of Monitoring : 17:00 to 17:00 Hrs.
Ambient Temperature (°C) : Min 19° Max 39°
Surrounding Activity : Human, Vehicular & Other Activity
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS -5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02-2022, STP-08	0.62	mg/m ³	4
2	Mercury (as Hg)	Methods of air sampling and analysis, 3rd ed., 1988, Method No.317	*BLQ (**LOQ 0.5)	µg/m ³	-

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

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Sample Number : VTL/AA/07
Name & Address of the Party : M/s Dhariwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Report No. : VTL/A/2403110015/A
Format No. : 7.8 F-02
Party Reference No. : DILR/HEA/00731
Report Date : 15/03/2024
Period of Analysis : 11/03/2024-15/03/2024
Receipt Date : 11/03/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Village - Sonagaon
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/03
Coordinates : -
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 07/03/2024 To 08/03/2024
Time of Monitoring : 16:30 to 16:30 Hrs.
Ambient Temperature (°C) : Min. 19° Max 38°
Surrounding Activity : Human, Vehicular & Other Activity
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	59.89	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	27.84	µg/m³	80
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	18.23	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	8.97	µg/m³	80
5	Benzene (as C6H6)	IS 5182 (P-11)-2006, RA.2017	*BLQ (**LOQ 1.0)	µg/m³	5
6	Ammonia (as NH3)	Methods of air sampling and analysis,3rd ed., 1988, Method No. 401	4.89	µg/m³	400
	Ozone (as O3)	IS 5182 (P-9):1974, RA.2019	16.20	µg/m³	180
8	Lead (as Pb)	IS 5182 (P-22) : 2004, RA.2019	*BLQ (**LOQ 0.02)	µg/m³	1
9	Arsenic (as As)	Methods of air sampling and analysis,3rd ed., 1988, Method No.302	*BLQ (**LOQ 0.15)	ng/m³	6
10	Nickel (as Ni)	USEPA compendium IO-3.2,1999	*BLQ (**LOQ 5.0)	ng/m³	20
11	Benzo (alpha) Pyrene-Particulate Phase Only	IS:5182 (P-12):2004, RA.2019	*BLQ (**LOQ 0.2)	ng/m³	1



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TEST REPORT



Sample Number : VTL/AA/07

Report No. : VTL/A/2403110015/A

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Sample Number : VTL/AA/07
Name & Address of the Party : M/s Dharwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Report No. : VTL/A/2403110015/B
Format No : 7.8 F-02
Party Reference No : DILR/HEA/00731
Report Date : 15/03/2024
Period of Analysis : 11/03/2024-15/03/2024
Receipt Date : 11/03/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Village - Sonagaon
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/03
Coordinates : -
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 07/03/2024 To 08/03/2024
Time of Monitoring : 16:30 to 18:30 Hrs.
Ambient Temperature (°C) : Min. 19° Max 39°
Surrounding Activity : Human, Vehicular & Other Activity
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS 5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02.2022, STP-08	0.65	mg/m ³	4
2	Mercury (as Hg)	Methods of air sampling and analysis, 3rd ed., 1988, Method No.317	*BLQ (**LOQ 0.5)	µg/m ³	--

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

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Sample Number : VTL/AA/08
Name & Address of the Party : M/s Dhariwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Report No. : VTUA/2403110016/A
Format No : 7.8 F-02
Party Reference No : DILR-HEA-00731
Report Date : 15/03/2024
Period of Analysis : 11/03/2024-15/03/2024
Receipt Date : 11/03/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Village - Yerur
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/04
Coordinates : -
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 07/03/2024 To 08/03/2024
Time of Monitoring : 17:00 to 17:00 Hrs.
Ambient Temperature (°C) : Min 19° Max 39°
Surrounding Activity : Human, Vehicular & Other Activity
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS 5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	58.63	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	26.34	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	16.58	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	9.15	µg/m³	80
5	Benzene (as C6H6)	IS 5182 (P-11)-2006, RA.2017	*BLQ (**LOQ 1.0)	µg/m³	5
6	Ammonia (as NH3)	Methods of air sampling and analysis,3rd ed.,1988, Method No. 401	5.49	µg/m³	400
	Ozone (as O3)	IS 5182 (P-9):1974, RA.2019	14.52	µg/m³	180
8	Lead (as Pb)	IS:5182 (P-22) : 2004, RA.2019	*BLQ (**LOQ 0.02)	µg/m³	1
9	Arsenic (as As)	Methods of air sampling and analysis,3rd ed.,1988, Method No.302	*BLQ (**LOQ 0.15)	ng/m³	6
10	Nickel (as Ni)	USEPA compendium IO-3.2,1999	*BLQ (**LOQ 5.0)	ng/m³	20
11	Benzo (alpha) Pyrene-Particulate Phase Only	IS:5182 (P-12):2004, RA.2019	*BLQ (**LOQ 0.2)	ng/m³	1



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TEST REPORT



Sample Number : VTL/AA/08

Report No. : VTL/A/2403110016/A

*BLO-Below Limit Of Quantification, **LOQ-Limit Of Quantification

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TEST REPORT

Sample Number : VTL/AA/08

Name & Address of the Party : M/s Dharwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Report No. : VTL/A/2403110016/B

Format No : 7.8 F-02

Party Reference No : DILR/HEA/00731

Report Date : 15/03/2024

Period of Analysis : 11/03/2024-15/03/2024

Receipt Date : 11/03/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Village - Yerur
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/04
Coordinates : -
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 07/03/2024 To 08/03/2024
Time of Monitoring : 17:00 to 17:00 Hrs.
Ambient Temperature (°C) : Min.19° Max 39°
Surrounding Activity : Human, Vehicular & Other Activity
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02:2022, STP-08	0.60	mg/m ³	4
2	Mercury (as Hg)	Methods of air sampling and analysis, 3rd ed., 1986, Method No.317	*BLQ (**LOQ 0.5)	µg/m ³	--

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

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Sample Number : VTL/W/01
Name & Address of the Party : M/s Dharwal Infrastructure Ltd.
Plot No. C-6, 7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

ULR No. : TC1122724000000047F
Report No. : VTL/W/2401150004/A
Format No : 7.8 F-01
Party Reference No : DIL-R/HEA/00731
Report Date : 22/01/2024
Period of Analysis : 15/01/2024-22/01/2024
Receipt Date : 15/01/2024
Sampling Date : 13/01/2024
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : -

Sample Description : Water Sample
Sampling Location : Dugwell Water (Village- Yerur)
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.54	--	6.5 to 8.5	No Relaxation
2	Turbidity	IS : 3025 : (P-10)1994, RA 2017	*BLQ(**LOQ-1.0)	NTU	1	5
3	Total Hardness (as CaCO ₃)	IS: 3025 (P-21): 2009, RA 2019	310.0	mg/l	200	600
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	105.21	mg/l	75	200
5	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23): 1996, RA 2019	198.0	mg/l	200	600
6	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	110.2	mg/l	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46): 1994, RA 2019	11.54	mg/l	30	100
8	Total Dissolved Solids	IS :3025 (P-16): 1984, RA 2017	720.0	mg/l	500	2000
9	Sulphate (as SO ₄)	IS: 3025 (P-24): 1988, RA 2022	96.31	mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition, 4500FD :2017	0.72	mg/l	1.0	1.5
11	Nitrate (as NO ₃)	IS: 3025 (P-34): 1988	29.45	mg/l	45.0	No Relaxation
12	Iron (as Fe)	APHA 23rd Edition, 3111B, 2017	0.26	mg/l	1.0	No Relaxation
13	Boron (as B)	APHA 23rd Edition, 4500B, 2017	*BLQ(**LOQ-0.2)	mg/l	0.5	1.0
14	Total Chromium (as Cr)	APHA 23rd Edition 2017 3113 B, 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	No Relaxation
15	Zinc (as Zn)	APHA 23rd Edition, 3030D, 3113 B, 2017	0.36	mg/l	5.0	15.0
16	Copper (as Cu)	APHA 23rd Edition 3111B 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	1.5
17	Manganese (as Mn)	APHA 23rd Edition, 3030D,	*BLQ(**LOQ-0.05)	mg/l	0.1	0.3



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ULR No. : TC1122724000000047F

Report No. : VTL/W/2401150004/A

Sample Number : VTL/W/01

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
17		3111 B, 2017				
18	Cadmium (as Cd)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.002)	mg/l	0.003	No Relaxation
19	Lead (as Pb)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
20	Selenium (as Se)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
21	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	0.05
22	Mercury (as Hg)	APHA 23rd edition, 3114C 2017	*BLQ(**LOQ-0.001)	mg/l	0.001	No Relaxation
23	Total Coliform	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
24	E.Coli	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
25	Electrical Conductivity	IS: 3025 (P-14): 2013	1110.0	µS/cm	--	
26	Nickel as Ni	APHA 23rd Edition, 3030D, 3113B 2017	*BLQ(**LOQ-0.01)	mg/l	0.02	No relaxation
27	Free Residual Chlorine	IS 3025 (P-26):2021	*BLQ(**LOQ-0.2)	mg/l	0.2	1.0
28	Sodium as Na	APHA 23rd Edition 3500B 2017	98.26	mg/l	-	-
29	Potassium as K	APHA 23rd Edition, 3030D, 3113 B 2017	15.62	mg/l	-	-

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

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Sample Number : VTLW/01

Name & Address of the Party : M/s Dhariwal Infrastructure Ltd,
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Sample Description : Water Sample
Sampling Location : Dugwell Water (Village- Yenur)
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

Report No. : VTL/W/2401150004/B
Format No : 7.8 F-01
Party Reference No : D/L/R/HEA-00731
Report Date : 22/01/2024
Period of Analysis : 15/01/2024-22/01/2024
Receipt Date : 15/01/2024
Sampling Date : 13/01/2024
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : -

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	Colour	IS : 3025:(P-4)1983, RA 2017	*BLQ(**LOQ-5.0)	Hazen	5	15
2	Odour	IS : 3025 (P-6) : RA 2018	Agreeable	-	Agreeable	Agreeable
3	Taste	IS :3025 (P-8): 1984 RA 2017	Agreeable	-	Agreeable	Agreeable
4	Cyanide (as CN)	APHA 23rd Edition ,4500D,2017	*BLQ(**LOQ-0.2)	mg/l	0.05	No Relaxation
5	Barium as Ba	APHA 23rd Edition,3111B 2017	*BLQ(**LOQ-0.02)	mg/l	0.7	No relaxation
6	Phosphate as P	APHA 23rd Edition, 4500 PD 2017	*BLQ(**LOQ-0.2)	mg/l	-	-

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

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Sample Number : VTL/W/02

Name & Address of the Party : M/s Dhariwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Sample Description : Water Sample
Sampling Location : Borewell Water (Village- Wandhri)
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

ULR No. : TC1122724000000048F
Report No. : VTL/W/2401150005/A
Format No : 7.8 F-01
Party Reference No : DIL-R:HEA:00731
Report Date : 22/01/2024
Period of Analysis : 15/01/2024-22/01/2024
Receipt Date : 15/01/2024
Sampling Date : 13/01/2024
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.64	—	6.5 to 8.5	No Relaxation
2	Turbidity	IS : 3025 (P-10)1984, RA 2017	*BLQ(**LOQ-1.0)	NTU	1	5
3	Total Hardness (as CaCO ₃)	IS: 3025 (P-21): 2009, RA 2019	230.00	mg/l	200	500
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	65.23	mg/l	75	200
5	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23): 1986, RA 2019	182.0	mg/l	200	500
6	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	101.0	mg/l	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46): 1994, RA 2019	16.48	mg/l	30	100
8	Total Dissolved Solids	IS :3025 (P-16): 1984, RA 2017	602.00	mg/l	500	2000
9	Sulphate (as SO ₄)	IS: 3025 (P-24): 1986, RA 2022	75.23	mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition, 4500FD, 2017	0.39	mg/l	1.0	1.5
11	Nitrate (as NO ₃)	IS: 3025 (P-34): 1988	14.95	mg/l	45.0	No Relaxation
12	Iron (as Fe)	APHA 23rd Edition, 3111B, 2017	0.24	mg/l	1.0	No Relaxation
13	Boron (as B)	APHA 23rd Edition, 4500B, 2017	*BLQ(**LOQ-0.2)	mg/l	0.5	1.0
14	Total Chromium (as Cr)	APHA 23rd Edition 2017 3113 B, 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	No Relaxation
15	Zinc (as Zn)	APHA 23rd Edition, 3030D, 3113 B, 2017	0.34	mg/l	5.0	15.0
16	Copper (as Cu)	APHA 23rd Edition 3111B 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	1.5
17	Manganese (as Mn)	APHA 23rd Edition, 3030D,	*BLQ(**LOQ-0.05)	mg/l	0.1	0.3



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ULR No. : TC1122724000000048F
Report No. : VTLW/2401150005/A

Sample Number : VTLW/02

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
17		3111 B, 2017				
18	Cadmium (as Cd)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.002)	mg/l	0.003	No Relaxation
19	Lead (as Pb)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
20	Selenium (as Se)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
21	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	0.05
22	Mercury (as Hg)	APHA 23rd edition, 3114C 2017	*BLQ(**LOQ-0.001)	mg/l	0.001	No Relaxation
23	Total Coliform	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	-
24	E.Coli	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	-
25	Electrical Conductivity	IS: 3025 (P-14): 2013	935.0	µS/cm	-	
26	Nickel as Ni	APHA 23rd Edition, 3030D, 3113B 2017	*BLQ(**LOQ-0.01)	mg/l	0.02	No relaxation
27	Free Residual Chlorine	IS 3025 (P-26):2021	*BLQ(**LOQ-0.2)	mg/l	0.2	1.0
28	Sodium as Na	APHA 23rd Edition 3500B 2017	84.56	mg/l	-	-
29	Potassium as K	APHA 23rd Edition, 3030D, 3113 B 2017	10.01	mg/l	-	-

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

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Sample Number : VTL/W/02

Name & Address of the Party : M/s Dhariwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Sample Description : Water Sample
Sampling Location : Borewell Water (Village- Wandhri)
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

Report No. : VTL/W/2401150005/B
Format No : 7.8 F-01
Party Reference No : DILR/HEA:00731
Report Date : 22/01/2024
Period of Analysis : 15/01/2024-22/01/2024
Receipt Date : 15/01/2024
Sampling Date : 13/01/2024
Sampling Type : Grab
Sample Quantity : 2 Ltr
Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	Colour	IS : 3025 (P-4) 1983, RA 2017	*BLQ(**LOQ-5.0)	Hazen	5	15
2	Odour	IS : 3025 (P-5) : RA 2018	Agreeable	—	Agreeable	Agreeable
3	Taste	IS :3025 (P-6): 1984 RA 2017	Agreeable	—	Agreeable	Agreeable
4	Cyanide (as CN)	APHA 23rd Edition ,4500D,2017	*BLQ(**LOQ-0.2)	mg/l	0.05	No Relaxation
5	Barium as Ba	APHA 23rd Edition,3111B 2017	*BLQ(**LOQ-0.02)	mg/l	0.7	No relaxation
6	Phosphate as P	APHA 23rd Edition, 4500 PD 2017	*BLQ(**LOQ-0.2)	mg/l	-	-

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

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Sample Number : VTL/W/03

Name & Address of the Party : M/s Dhariwal Infrastructure Ltd.
Plot No. C-6.7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Sample Description : Water Sample
Sampling Location : Borewell Water (Village- Sonagaon)
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

ULR No. : TC112272400000049F
Report No. : VTL/W/2401150006/A
Format No : 7.8 F-01
Party Reference No : DIL/R/HEA:00731
Report Date : 22/01/2024
Period of Analysis : 15/01/2024-22/01/2024
Receipt Date : 15/01/2024
Sampling Date : 13/01/2024
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.16	--	6.5 to 8.5	No Relaxation
2	Turbidity	IS : 3025 (P-10):1984, RA 2017	*BLQ(**LOQ-1.0)	NTU	1	5
3	Total Hardness (as CaCO ₃)	IS: 3025 (P-21): 2009, RA 2019	275.0	mg/l	200	500
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	55.89	mg/l	75	200
5	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23): 1986, RA 2019	201.0	mg/l	200	500
6	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	96.22	mg/l	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46): 1994, RA 2019	32.94	mg/l	30	100
8	Total Dissolved Solids	IS :3025 (P-16): 1984, RA 2017	658.0	mg/l	500	2000
9	Sulphate (as SO ₄)	IS: 3025 (P-24): 1986, RA 2022	89.62	mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition ,4500FD, 2017	0.55	mg/l	1.0	1.5
11	Nitrate (as NO ₃)	IS: 3025 (P-34): 1988	15.23	mg/l	45.0	No Relaxation
12	Iron (as Fe)	APHA 23rd Edition , 3111B,2017	0.21	mg/l	1.0	No Relaxation
13	Boron (as B)	APHA 23rd Edition, 4500B,2017	*BLQ(**LOQ-0.2)	mg/l	0.5	1.0
14	Total Chromium (as Cr)	APHA 23rd Edition 2017 3113 B, 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	No Relaxation
15	Zinc (as Zn)	APHA 23rd Edition,3030D, 3113 B , 2017	0.31	mg/l	5.0	15.0
16	Copper (as Cu)	APHA 23rd Edition 3111B 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	1.5
17	Manganese (as Mn)	APHA 23rd Edition, 3030D,	*BLQ(**LOQ-0.05)	mg/l	0.1	0.3



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Sample Number : VTL/W/03

TEST REPORT

ULR No. : TC112272400000049F

Report No. : VTL/W/2401150006/A

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
17		3111 B, 2017				
18	Cadmium (as Cd)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.002)	mg/l	0.003	No Relaxation
19	Lead (as Pb)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
20	Selenium (as Se)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
21	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	0.05
22	Mercury (as Hg)	APHA 23rd edition, 3114C 2017	*BLQ(**LOQ-0.001)	mg/l	0.001	No Relaxation
23	Total Coliform	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	-
24	E.Coli	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	-
25	Electrical Conductivity	IS: 3025 (P-14): 2013	1020.0	µS/cm	-	
26	Nickel as Ni	APHA 23rd Edition, 3030D, 3113B 2017	*BLQ(**LOQ-0.01)	mg/l	0.02	No relaxation
27	Free Residual Chlorine	IS 3025 (P-26):2021	*BLQ(**LOQ-0.2)	mg/l	0.2	1.0
28	Sodium as Na	APHA 23rd Edition 3500B 2017	115.21	mg/l	-	-
29	Potassium as K	APHA 23rd Edition, 3030D, 3113 B 2017	15.31	mg/l	-	-

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

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TEST REPORT

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Sample Number : VTLW/03

Name & Address of the Party : M/s Dharwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Sample Description : Water Sample
Sampling Location : Borewell Water (Village- Sonegaon)
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

Report No. : VTLW/2401150006/B
Format No : 7.8 F-01
Party Reference No : DILR:HEA:00731
Report Date : 22/01/2024
Period of Analysis : 15/01/2024-22/01/2024
Receipt Date : 15/01/2024
Sampling Date : 13/01/2024
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	Colour	IS : 3025 (P-4) 1983, RA 2017	*BLQ(**LOQ-5.0)	Hazen	5	15
2	Odour	IS : 3025 (P-5) : RA 2018	Agreeable	--	Agreeable	Agreeable
3	Taste	IS :3025 (P-6): 1984 RA 2017	Agreeable	--	Agreeable	Agreeable
4	Cyanide (as CN)	APHA 23rd Edition 4500D,2017	*BLQ(**LOQ-0.2)	mg/l	0.05	No Relaxation
5	Barium as Ba	APHA 23rd Edition,3111B 2017	*BLQ(**LOQ-0.02)	mg/l	0.7	No relaxation
6	Phosphate as P	APHA 23rd Edition, 4500 PD 2017	*BLQ(**LOQ-0.2)	mg/l	-	-

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

End of Report

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Sample Number : VTL/W/04

Name & Address of the Party : M/s Dharwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Sample Description : Water Sample
Sampling Location : Dugwell Water (Village- Pandharkawada)
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

ULR No. : TC112272400000050F
Report No. : VTL/W/24011500071A
Format No : 7.8 F-01
Party Reference No : DILR/HEA/00731
Report Date : 22/01/2024
Period of Analysis : 15/01/2024-22/01/2024
Receipt Date : 15/01/2024
Sampling Date : 13/01/2024
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : -

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.62	-	6.5 to 8.5	No Relaxation
2	Turbidity	IS : 3025 (P-10)1984, RA 2017	*BLQ(**LOQ-1.0)	NTU	1	5
3	Total Hardness (as CaCO ₃)	IS: 3025 (P-21): 2009, RA 2019	310.0	mg/l	200	600
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	84.56	mg/l	75	200
5	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23): 1986, RA 2019	232.0	mg/l	200	600
6	Chloride (as Cl)	IS: 3025 (P-32): 1986, RA 2019	109.1	mg/l	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46): 1994, RA 2019	24.06	mg/l	30	100
8	Total Dissolved Solids	IS :3025 (P-16): 1984, RA 2017	710.0	mg/l	500	2000
9	Sulphate (as SO ₄)	IS: 3025 (P-24): 1986, RA 2022	92.65	mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition, 4500FD, 2017	0.40	mg/l	1.0	1.5
11	Nitrate (as NO ₃)	IS: 3025 (P-34): 1986	18.45	mg/l	45.0	No Relaxation
12	Iron (as Fe)	APHA 23rd Edition, 3111B, 2017	0.32	mg/l	1.0	No Relaxation
13	Boron (as B)	APHA 23rd Edition, 4500B, 2017	*BLQ(**LOQ-0.2)	mg/l	0.5	1.0
14	Total Chromium (as Cr)	APHA 23rd Edition 2017 3113 B, 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	No Relaxation
15	Zinc (as Zn)	APHA 23rd Edition, 3030D, 3113 B, 2017	0.39	mg/l	5.0	15.0
16	Copper (as Cu)	APHA 23rd Edition 3111B 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	1.5
17	Manganese (as Mn)	APHA 23rd Edition, 3030D,	*BLQ(**LOQ-0.05)	mg/l	0.1	0.3



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Sample Number: VTL/W/04

TEST REPORT

ULR No. : TC1122724000000050F

Report No. : VTL/W/2401150007/A

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
17		3111 B, 2017				
18	Cadmium (as Cd)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.002)	mg/l	0.003	No Relaxation
19	Lead (as Pb)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
20	Selenium (as Se)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
21	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	0.05
22	Mercury (as Hg)	APHA 23rd edition, 3114C 2017	*BLQ(**LOQ-0.001)	mg/l	0.001	No Relaxation
23	Total Coliform	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	-
24	E.Coli	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	-
25	Electrical Conductivity	IS: 3025 (P-14): 2013	1101.0	µS/cm	-	
26	Nickel as Ni	APHA 23rd Edition, 3030D, 3113B 2017	*BLQ(**LOQ-0.01)	mg/l	0.02	No relaxation
27	Free Residual Chlorine	IS 3025 (P-26): 2021	*BLQ(**LOQ-0.2)	mg/l	0.2	1.0
28	Sodium as Na	APHA 23rd Edition 3500B 2017	102.32	mg/l	-	-
29	Potassium as K	APHA 23rd Edition, 3030D, 3113 B 2017	13.42	mg/l	-	-

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

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Sample Number : VTL/W/04

Name & Address of the Party : M/s Dharwal Infrastructure Ltd
Plot No. C-6, 7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Sample Description : Water Sample
Sampling Location : Dugwell Water (Village- Pandharkawada)
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

Report No. : VTL/W/2401150007/B
Format No : 7.8 F-01
Party Reference No : DILR/HEA/00731
Report Date : 22/01/2024
Period of Analysis : 15/01/2024-22/01/2024
Receipt Date : 15/01/2024
Sampling Date : 13/01/2024
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	Colour	IS : 3025:(P-4)1983, RA 2017	*BLQ(**LOQ-5.0)	Hazen	5	15
2	Odour	IS : 3025 (P-5) : RA 2018	Agreeable	--	Agreeable	Agreeable
3	Taste	IS :3025 (P-8): 1984 RA 2017	Agreeable	--	Agreeable	Agreeable
4	Cyanide (as CN)	APHA 23rd Edition, 4500D 2017	*BLQ(**LOQ-0.2)	mg/l	0.05	No Relaxation
5	Barium as Ba	APHA 23rd Edition, 3111B 2017	*BLQ(**LOQ-0.02)	mg/l	0.7	No relaxation
6	Phosphate as P	APHA 23rd Edition, 4500 PO 2017	*BLQ(**LOQ-0.2)	mg/l	-	-

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

End of Report

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Sample Number : VTL/W/05
Name & Address of the Party : M/s Dhariwal Infrastructure Ltd.
Plot No. C-6, 7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

ULR No. : TC1122724000000051F
Report No. : VTL/W/2401150008/A
Format No : 7.8 F-01
Party Reference No : DIL/R/HEA.00731
Report Date : 22/01/2024
Period of Analysis : 15/01/2024-22/01/2024
Receipt Date : 15/01/2024
Sampling Date : 13/01/2024
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : --

Sample Description : Water Sample
Sampling Location : Dugwell Water (Village- Morwa)
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.59	--	6.5 to 8.5	No Relaxation
2	Turbidity	IS : 3025 (P-10):1984, RA 2017	*BLQ(**LOQ-1.0)	NTU	1	5
3	Total Hardness (as CaCO ₃)	IS: 3025 (P-21): 2009, RA 2019	195.22	mg/l	200	600
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	58.41	mg/l	75	200
5	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23): 1986, RA 2019	169.22	mg/l	200	600
6	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	104.22	mg/l	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46): 1994, RA 2019	12.03	mg/l	30	100
8	Total Dissolved Solids	IS :3025 (P-16): 1984, RA 2017	544.20	mg/l	500	2000
9	Sulphate (as SO ₄)	IS: 3025 (P-24): 1988, RA 2022	70.21	mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition ,4500FD-2017	0.35	mg/l	1.0	1.5
11	Nitrate (as NO ₃)	IS: 3025 (P-34): 1988	13.55	mg/l	45.0	No Relaxation
12	Iron (as Fe)	APHA 23rd Edition , 3111B,2017	0.21	mg/l	1.0	No Relaxation
13	Boron (as B)	APHA 23rd Edition, 4500B,2017	*BLQ(**LOQ-0.2)	mg/l	0.5	1.0
14	Total Chromium (as Cr)	APHA 23rd Edition 2017 3113 B, 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	No Relaxation
15	Zinc (as Zn)	APHA 23rd Edition,3030D, 3113 B , 2017	0.31	mg/l	5.0	15.0
16	Copper (as Cu)	APHA 23rd Edition 3111B 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	1.5
17	Manganese (as Mn)	APHA 23rd Edition, 3030D,	*BLQ(**LOQ-0.05)	mg/l	0.1	0.3



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ULR No. : TC1122724000000051F
Report No. : VTL/W/2401150008/A

Sample Number : VTL/W/05

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
17		3111 B, 2017				
18	Cadmium (as Cd)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.002)	mg/l	0.003	No Relaxation
19	Lead (as Pb)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
20	Selenium (as Se)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
21	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	0.05
22	Mercury (as Hg)	APHA 23rd edition, 3114C 2017	*BLQ(**LOQ-0.001)	mg/l	0.001	No Relaxation
23	Total Coliform	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
24	E.Coli	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
25	Electrical Conductivity	IS: 3025 (P-14): 2013	845.00	µS/cm	--	
26	Nickel as Ni	APHA 23rd Edition, 3030D, 3113B 2017	*BLQ(**LOQ-0.01)	mg/l	0.02	No relaxation
27	Free Residual Chlorine	IS 3025 (P-26):2021	*BLQ(**LOQ-0.2)	mg/l	0.2	1.0
28	Sodium as Na	APHA 23rd Edition 3500B 2017	86.41	mg/l	-	-
29	Potassium as K	APHA 23rd Edition, 3030D, 3113 B 2017	11.88	mg/l	-	-

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

End of Report



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TEST REPORT

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Sample Number : VTL/W/05

Name & Address of the Party : M/s Dharwal Infrastructure Ltd.
Plot No. C-5,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Sample Description : Water Sample
Sampling Location : Dugwell Water (Village- Monwa)
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

Report No. : VTL/W/2401150008/B
Format No : 7.8 F-01
Party Reference No : DILR/HEA/00731
Report Date : 22/01/2024
Period of Analysis : 15/01/2024-22/01/2024
Receipt Date : 15/01/2024
Sampling Date : 13/01/2024
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	Colour	IS : 3025 (P-4) 1983, RA 2017	*BLQ(**LOQ-5.0)	Hazen	5	15
2	Odour	IS : 3025 (P-5) : RA 2018	Agreeable	--	Agreeable	Agreeable
3	Taste	IS :3025 (P-8): 1984 RA 2017	Agreeable	--	Agreeable	Agreeable
4	Cyanide (as CN)	APHA 23rd Edition, 4500D, 2017	*BLQ(**LOQ-0.2)	mg/l	0.05	No Relaxation
5	Barium as Ba	APHA 23rd Edition, 3111B, 2017	*BLQ(**LOQ-0.02)	mg/l	0.7	No relaxation
6	Phosphate as P	APHA 23rd Edition, 4500 PD, 2017	*BLQ(**LOQ-0.2)	mg/l	-	-

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

End of Report

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Sample Number : VTLW/06

Name & Address of the Party : M/s Dhanwal Infrastructure Ltd.
Plot No. C-6, 7 & 8, Tadal Industrial Area, MIDC,
Village- Tadal, Dist- Chandrapur

Sample Description : Water Sample
Sampling Location : Dugwell Water (Village- Godpeth)
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

ULR No. : TC1122724000000052F
Report No. : VTLW/2401150009/A
Format No : 7.8 F-01
Party Reference No : DILR:HEA.00731
Report Date : 22/01/2024
Period of Analysis : 15/01/2024-22/01/2024
Receipt Date : 15/01/2024
Sampling Date : 13/01/2024
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.23	--	6.5 to 8.5	No Relaxation
2	Turbidity	IS : 3025 (P-10)1984, RA 2017	*BLQ(**LOQ-1.0)	NTU	1	5
3	Total Hardness (as CaCO ₃)	IS: 3025 (P-21): 2009, RA 2019	245.50	mg/l	200	600
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	49.33	mg/l	75	200
5	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23): 1986, RA 2019	185.23	mg/l	200	600
6	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	93.21	mg/l	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46): 1994, RA 2019	29.75	mg/l	30	100
8	Total Dissolved Solids	IS :3025 (P-16): 1994, RA 2017	576.00	mg/l	500	2000
9	Sulphate (as SO ₄)	IS: 3025 (P-24): 1986, RA 2022	86.93	mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition 4500FD-2017	0.58	mg/l	1.0	1.5
11	Nitrate (as NO ₃)	IS: 3025 (P-34): 1988	13.77	mg/l	45.0	No Relaxation
12	Iron (as Fe)	APHA 23rd Edition, 3111B,2017	0.22	mg/l	1.0	No Relaxation
13	Boron (as B)	APHA 23rd Edition, 4500B,2017	*BLQ(**LOQ-0.2)	mg/l	0.5	1.0
14	Total Chromium (as Cr)	APHA 23rd Edition 2017 3113 B, 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	No Relaxation
15	Zinc (as Zn)	APHA 23rd Edition,3030D, 3113 B, 2017	0.29	mg/l	5.0	15.0
16	Copper (as Cu)	APHA 23rd Edition 3111B 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	1.5
17	Manganese (as Mn)	APHA 23rd Edition, 3030D,	*BLQ(**LOQ-0.05)	mg/l	0.1	0.3



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ULR No. : TC1122724000000052F
Report No. : VTL/W/2401150009/A

Sample Number : VTL/W/06

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
17		3111 B, 2017				
18	Cadmium (as Cd)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.002)	mg/l	0.003	No Relaxation
19	Lead (as Pb)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
20	Selenium (as Se)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
21	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	0.05
22	Mercury (as Hg)	APHA 23rd edition, 3114C 2017	*BLQ(**LOQ-0.001)	mg/l	0.001	No Relaxation
23	Total Coliform	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	—
24	E.Coli	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	—
25	Electrical Conductivity	IS: 3025 (P-14): 2013	893.00	µS/cm	—	
26	Nickel as Ni	APHA 23rd Edition, 3030D, 3113B 2017	*BLQ(**LOQ-0.01)	mg/l	0.02	No relaxation
27	Free Residual Chlorine	IS 3025 (P-26): 2021	*BLQ(**LOQ-0.2)	mg/l	0.2	1.0
28	Sodium as Na	APHA 23rd Edition 3500B 2017	111.47	mg/l	-	-
29	Potassium as K	APHA 23rd Edition, 3030D, 3113 B 2017	14.21	mg/l	-	-

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

End of Report



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Sample Number : VTLW/06

Name & Address of the Party : M/s Dharwal Infrastructure Ltd.
 Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
 Village- Tadali, Dist- Chandrapur

Sample Description : Water Sample
 Sampling Location : Dugwell Water (Village- Godpeth)
 Sample Collected By : VTL Team
 Preservation : Suitable Preservation
 Method of sampling : IS :3025

Report No. : VTLW/2401150009/B
 Format No : 7.8 F-01
 Party Reference No : DILR:HEA:00731
 Report Date : 22/01/2024
 Period of Analysis : 15/01/2024-22/01/2024
 Receipt Date : 15/01/2024
 Sampling Date : 13/01/2024
 Sampling Type : Grab
 Sample Quantity : 2 Ltr.
 Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	Colour	IS : 3025 (P-4) 1983, RA 2017	*BLQ(**LOQ-5.0)	Hazen	5	15
2	Odour	IS : 3025 (P-5) : RA 2018	Agreeable	--	Agreeable	Agreeable
3	Taste	IS :3025 (P-8): 1984 RA 2017	Agreeable	--	Agreeable	Agreeable
4	Cyanide (as CN)	APHA 23rd Edition, 4500D, 2017	*BLQ(**LOQ-0.2)	mg/l	0.05	No Relaxation
5	Barium as Ba	APHA 23rd Edition, 3111B, 2017	*BLQ(**LOQ-0.02)	mg/l	0.7	No relaxation
6	Phosphate as P	APHA 23rd Edition, 4500 PD, 2017	*BLQ(**LOQ-0.2)	mg/l	-	-

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

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Sample Number : VTL/W/07

Name & Address of the Party : M/s Dhariwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Sample Description : Water Sample
Sampling Location : Dugwell Water (Village- Tadali)
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

ULR No. : TC1122724000000053F
Report No. : VTL/W/2401150010/A
Format No : 7.8 F-01
Party Reference No : DIL-R:HEA:00731
Report Date : 22/01/2024
Period of Analysis : 15/01/2024-22/01/2024
Receipt Date : 15/01/2024
Sampling Date : 13/01/2024
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.16	--	6.5 to 8.5	No Relaxation
2	Turbidity	IS : 3025 (P-10):1984, RA 2017	*BLQ(**LOQ-1.0)	NTU	1	5
3	Total Hardness (as CaCO ₃)	IS: 3025 (P-21): 2009, RA 2019	298.00	mg/l	200	600
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	97.20	mg/l	75	200
5	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23): 1988, RA 2019	189.33	mg/l	200	600
6	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	127.61	mg/l	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46): 1994, RA 2019	13.48	mg/l	30	100
8	Total Dissolved Solids	IS :3025 (P-16): 1984, RA 2017	645.0	mg/l	500	2000
9	Sulphate (as SO ₄)	IS: 3025 (P-24): 1988, RA 2022	99.11	mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition, 4500FD, 2017	0.34	mg/l	1.0	1.5
11	Nitrate (as NO ₃)	IS: 3025 (P-34): 1988	19.63	mg/l	45.0	No Relaxation
12	Iron (as Fe)	APHA 23rd Edition, 3111B, 2017	0.23	mg/l	1.0	No Relaxation
13	Boron (as B)	APHA 23rd Edition, 4500B, 2017	*BLQ(**LOQ-0.2)	mg/l	0.5	1.0
14	Total Chromium (as Cr)	APHA 23rd Edition, 2017 3113 B, 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	No Relaxation
15	Zinc (as Zn)	APHA 23rd Edition, 3030D, 3113 B, 2017	0.32	mg/l	5.0	15.0
16	Copper (as Cu)	APHA 23rd Edition 3111B, 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	1.5
17	Manganese (as Mn)	APHA 23rd Edition, 3030D,	*BLQ(**LOQ-0.05)	mg/l	0.1	0.3



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ULR No. : TC112272400000053F
Report No. : VTL/W/2401150010/A

Sample Number : VTL/W/07

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
17		3111 B, 2017				
18	Cadmium (as Cd)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.002)	mg/l	0.003	No Relaxation
19	Lead (as Pb)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
20	Selenium (as Se)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
21	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	0.05
22	Mercury (as Hg)	APHA 23rd edition, 3114C 2017	*BLQ(**LOQ-0.001)	mg/l	0.001	No Relaxation
23	Total Coliform	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
24	E.Coli	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
25	Electrical Conductivity	IS: 3025 (P-14): 2013	990.0	µS/cm	--	
26	Nickel as Ni	APHA 23rd Edition, 3030D, 3113B 2017	*BLQ(**LOQ-0.01)	mg/l	0.02	No relaxation
27	Free Residual Chlorine	IS 3025 (P-26): 2021	*BLQ(**LOQ-0.2)	mg/l	0.2	1.0
28	Sodium as Na	APHA 23rd Edition 3500B 2017	93.55	mg/l	-	-
29	Potassium as K	APHA 23rd Edition, 3030D, 3113 B 2017	9.68	mg/l	-	-

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

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Sample Number : VTLW/07

Name & Address of the Party : M/s Dhanwal Infrastructure Ltd.
Plot No. C-6, 7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Sample Description : Water Sample
Sampling Location : Dugwell Water (Village- Tadali)
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

Report No. : VTLW/2401150010/B
Format No : 7.8 F-01
Party Reference No : DIL.R:HEA.00731
Report Date : 22/01/2024
Period of Analysis : 15/01/2024-22/01/2024
Receipt Date : 15/01/2024
Sampling Date : 13/01/2024
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	Colour	IS : 3025:(P-4)1983, RA 2017	*BLQ(**LOQ-5.0)	Hazen	5	15
2	Odour	IS : 3025 (P-5) : RA 2018	Agreeable	--	Agreeable	Agreeable
3	Taste	IS :3025 (P-6): 1884 RA 2017	Agreeable	--	Agreeable	Agreeable
4	Cyanide (as CN)	APHA 23rd Edition ,4500D,2017	*BLQ(**LOQ-0.2)	mg/l	0.05	No Relaxation
5	Barium as Ba	APHA 23rd Edition,3111B 2017	*BLQ(**LOQ-0.02)	mg/l	0.7	No relaxation
6	Phosphate as P	APHA 23rd Edition, 4500 PD 2017	*BLQ(**LOQ-0.2)	mg/l	-	-

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

End of Report

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Sample Number : VTL/W/08
Name & Address of the Party : M/s Dhanwal Infrastructure Ltd
Plot No. C-6, 7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Sample Description : Water Sample
Sampling Location : Intake Well Water Village - Wada
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

ULR No. : TC112272400000054F
Report No. : VTL/W/2401150011/A
Format No : 7.8 F-01
Party Reference No : DIL/R/HEA/00731
Report Date : 22/01/2024
Period of Analysis : 15/01/2024-22/01/2024
Receipt Date : 15/01/2024
Sampling Date : 13/01/2024
Sampling Type : Grab
Sample Quantity : 2 Ltr
Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.68	--	6.5 to 8.5	No Relaxation
2	Turbidity	IS : 3025: (P-10)1984, RA 2017	*BLQ(**LOQ-1.0)	NTU	1	5
3	Total Hardness (as CaCO ₃)	IS: 3025 (P-21): 2009, RA 2019	255.0	mg/l	200	600
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	65.23	mg/l	75	200
5	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23): 1986, RA 2019	201.0	mg/l	200	600
6	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	92.12	mg/l	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46): 1994, RA 2019	22.00	mg/l	30	100
8	Total Dissolved Solids	IS :3025 (P-16): 1984, RA 2017	602.0	mg/l	500	2000
9	Sulphate (as SO ₄)	IS: 3025 (P-24): 1986, RA 2022	78.65	mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition 4500FD 2017	0.30	mg/l	1.0	1.5
11	Nitrate (as NO ₃)	IS: 3025 (P-34): 1988	14.56	mg/l	45.0	No Relaxation
12	Iron (as Fe)	APHA 23rd Edition , 3111B,2017	0.21	mg/l	1.0	No Relaxation
13	Boron (as B)	APHA 23rd Edition, 4500B,2017	*BLQ(**LOQ-0.2)	mg/l	0.5	1.0
14	Total Chromium (as Cr)	APHA 23rd Edition 2017 3113 B, 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	No Relaxation
15	Zinc (as Zn)	APHA 23rd Edition,3030D, 3113 B, 2017	0.34	mg/l	5.0	15.0
16	Copper (as Cu)	APHA 23rd Edition 3111B 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	1.5
17	Manganese (as Mn)	APHA 23rd Edition, 3030D,	*BLQ(**LOQ-0.05)	mg/l	0.1	0.3



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Vibrant Techno Lab Pvt. Ltd.

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ULR No. : TC1122724030000054F
Report No. : VTL/W/2401150011/A

Sample Number : VTL/W/08

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
17		3111 B, 2017				
18	Cadmium (as Cd)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.002)	mg/l	0.003	No Relaxation
19	Lead (as Pb)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
20	Selenium (as Se)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
21	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	0.05
22	Mercury (as Hg)	APHA 23rd edition, 3114C 2017	*BLQ(**LOQ-0.001)	mg/l	0.001	No Relaxation
23	Total Coliform	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
24	E.Coli	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
25	Electrical Conductivity	IS: 3025 (P-14): 2013	920.0	µS/cm	--	
26	Nickel as Ni	APHA 23rd Edition, 3030D, 3113B 2017	*BLQ(**LOQ-0.01)	mg/l	0.02	No relaxation
27	Free Residual Chlorine	IS 3025 (P-28):2021	*BLQ(**LOQ-0.2)	mg/l	0.2	1.0
28	Sodium as Na	APHA 23rd Edition 3500B 2017	89.23	mg/l	-	-
29	Potassium as K	APHA 23rd Edition, 3030D, 3113 B 2017	8.45	mg/l	-	-

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

End of Report



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Sample Number : VTL/W/08

Name & Address of the Party : M/s Dharwal Infrastructure Ltd
Plot No. C-6, 7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Report No. : VTL/W/2401150011/B

Format No : 7.8 F-01

Party Reference No : DILR/HEA.00731

Report Date : 22/01/2024

Period of Analysis : 15/01/2024-22/01/2024

Receipt Date : 15/01/2024

Sampling Date : 13/01/2024

Sampling Type : Grab

Sample Quantity : 2 Ltr.

Coordinates : --

Sample Description : Water Sample
Sampling Location : Intake Well Water Village - Wada
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	Colour	IS : 3025 (P-4) 1983, RA 2017	*BLQ(**LOQ-5.0)	Hazen	5	15
2	Odour	IS : 3025 (P-5) : RA 2018	Agreeable	—	Agreeable	Agreeable
3	Taste	IS :3025 (P-6): 1984 RA 2017	Agreeable	—	Agreeable	Agreeable
4	Cyanide (as CN)	APHA 23rd Edition, 4500D, 2017	*BLQ(**LOQ-0.2)	mg/l	0.05	No Relaxation
5	Barium as Ba	APHA 23rd Edition, 3111B 2017	*BLQ(**LOQ-0.02)	mg/l	0.7	No relaxation
6	Phosphate as P	APHA 23rd Edition, 4500 PD 2017	*BLQ(**LOQ-0.2)	mg/l	-	-

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

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Sample Number : VTL/W/09

Name & Address of the Party : M/s Dhariwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Sample Description : Water Sample
Sampling Location : Near Recovery Pump House -1 (Ash Pond) PZ-1
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

ULR No. : TC1122724000000055F
Report No. : VTL/W/2401150012/A
Format No : 7.8 F-01
Party Reference No : DILR:HEA:00731
Report Date : 22/01/2024
Period of Analysis : 15/01/2024-22/01/2024
Receipt Date : 15/01/2024
Sampling Date : 13/01/2024
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : -

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.81	-	6.5 to 8.5	No Relaxation
2	Turbidity	IS : 3025 (P-10):1984, RA 2017	*BLQ(**LOQ-1.0)	NTU	1	5
3	Total Hardness (as CaCO ₃)	IS: 3025 (P-21): 2008, RA 2019	290.0	mg/l	200	800
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	78.95	mg/l	75	200
5	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23): 1986, RA 2019	230.0	mg/l	200	600
6	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	63.45	mg/l	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46): 1984, RA 2019	22.80	mg/l	30	100
8	Total Dissolved Solids	IS :3025 (P-16): 1984, RA 2017	591.0	mg/l	500	2000
9	Sulphate (as SO ₄)	IS: 3025 (P-24): 1986, RA 2022	81.0	mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition, 4500FD, 2017	0.43	mg/l	1.0	1.5
11	Nitrate (as NO ₃)	IS: 3025 (P-34): 1988	19.12	mg/l	45.0	No Relaxation
12	Iron (as Fe)	APHA 23rd Edition, 3111B, 2017	0.19	mg/l	1.0	No Relaxation
13	Boron (as B)	APHA 23rd Edition, 4500B, 2017	*BLQ(**LOQ-0.2)	mg/l	0.5	1.0
14	Total Chromium (as Cr)	APHA 23rd Edition 2017 3113 B, 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	No Relaxation
15	Zinc (as Zn)	APHA 23rd Edition, 3030D, 3113 B, 2017	0.30	mg/l	5.0	15.0
16	Copper (as Cu)	APHA 23rd Edition 3111B 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	1.5
17	Manganese (as Mn)	APHA 23rd Edition, 3030D,	*BLQ(**LOQ-0.05)	mg/l	0.1	0.3



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Sample Number : VTLW/09

TEST REPORT

ULR No.

: TC1122724000000055F

Report No.

: VTLW/2401150012/A

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
17		3111 B, 2017				
18	Cadmium (as Cd)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.002)	mg/l	0.003	No Relaxation
19	Lead (as Pb)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
20	Selenium (as Se)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
21	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	0.05
22	Mercury (as Hg)	APHA 23rd edition, 3114C, 2017	*BLQ(**LOQ-0.001)	mg/l	0.001	No Relaxation
23	Total Coliform	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
24	E.Coli	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
25	Electrical Conductivity	IS: 3025 (P-14): 2013	901.0	µS/cm	--	
26	Nickel as Ni	APHA 23rd Edition, 3030D, 3113B 2017	*BLQ(**LOQ-0.01)	mg/l	0.02	No relaxation
27	Free Residual Chlorine	IS 3025 (P-26): 2021	*BLQ(**LOQ-0.2)	mg/l	0.2	1.0
28	Sodium as Na	APHA 23rd Edition 3500B 2017	97.45	mg/l	-	-
29	Potassium as K	APHA 23rd Edition, 3030D, 3113 B 2017	11.65	mg/l	-	-

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

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Sample Number : VTL/W/09

Name & Address of the Party : M/s Dhariwal Infrastructure Ltd
Plot No. C-6, 7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Sample Description : Water Sample
Sampling Location : Near Recovery Pump House -1 (Ash Pond) PZ-1
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

Report No. : VTL/W/2401150012/B
Format No : 7.8 F-01
Party Reference No : DILR-HEA.00731
Report Date : 22/01/2024
Period of Analysis : 15/01/2024-22/01/2024
Receipt Date : 15/01/2024
Sampling Date : 13/01/2024
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	Colour	IS : 3025 (P-4) 1983, RA 2017	*BLQ(**LOQ-5.0)	Hazen	5	15
2	Odour	IS : 3025 (P-5) : RA 2018	Agreeable	--	Agreeable	Agreeable
3	Taste	IS :3025 (P-8): 1984 RA 2017	Agreeable	--	Agreeable	Agreeable
4	Cyanide (as CN)	APHA 23rd Edition, 4500D, 2017	*BLQ(**LOQ-0.2)	mg/l	0.05	No Relaxation
5	Barium as Ba	APHA 23rd Edition, 3111B, 2017	*BLQ(**LOQ-0.02)	mg/l	0.7	No relaxation
6	Phosphate as P	APHA 23rd Edition, 4500 PD, 2017	*BLQ(**LOQ-0.2)	mg/l	-	-

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

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Sample Number : VTL/W/10

Name & Address of the Party : M/s Dhariwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Sample Description : Water Sample
Sampling Location : Near Recovery Pump House -2 (Ash Pond) PZ-2
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

ULR No. : TG1122724000000056F
Report No. : VTL/W/2401150013/A
Format No : 7.8 F-01
Party Reference No : DIL/R/HEA/00731
Report Date : 22/01/2024
Period of Analysis : 15/01/2024-22/01/2024
Receipt Date : 15/01/2024
Sampling Date : 13/01/2024
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.20	—	6.5 to 8.5	No Relaxation
2	Turbidity	IS : 3025 (P-10)1984, RA 2017	*BLQ(**LOQ-1.0)	NTU	1	5
3	Total Hardness (as CaCO ₃)	IS: 3025 (P-21): 2009, RA 2019	165.0	mg/l	200	600
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	53.01	mg/l	75	200
5	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23): 1986, RA 2019	230.0	mg/l	200	600
6	Chloride (as Cl)	IS: 3025 (P-32): 1986, RA 2019	53.45	mg/l	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46): 1994, RA 2019	7.96	mg/l	30	100
8	Total Dissolved Solids	IS :3025 (P-16): 1984, RA 2017	560.0	mg/l	500	2000
9	Sulphate (as SO ₄)	IS: 3025 (P-24): 1986, RA 2022	63.02	mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition, 4500FD, 2017	0.41	mg/l	1.0	1.5
11	Nitrate (as NO ₃)	IS: 3025 (P-34): 1986	16.12	mg/l	45.0	No Relaxation
12	Iron (as Fe)	APHA 23rd Edition, 3111B, 2017	0.21	mg/l	1.0	No Relaxation
13	Boron (as B)	APHA 23rd Edition, 4500B, 2017	*BLQ(**LOQ-0.2)	mg/l	0.5	1.0
14	Total Chromium (as Cr)	APHA 23rd Edition 2017 3113 B, 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	No Relaxation
15	Zinc (as Zn)	APHA 23rd Edition, 3030D, 3113 B, 2017	0.28	mg/l	5.0	15.0
16	Copper (as Cu)	APHA 23rd Edition 3111B, 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	1.5
17	Manganese (as Mn)	APHA 23rd Edition, 3030D,	*BLQ(**LOQ-0.05)	mg/l	0.1	0.3



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ULR No. : TC1122724000000056F

Report No. : VTL/W/2401150013/A

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
17		3111 B, 2017				
18	Cadmium (as Cd)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.002)	mg/l	0.003	No Relaxation
19	Lead (as Pb)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
20	Selenium (as Se)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
21	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	0.05
22	Mercury (as Hg)	APHA 23rd edition, 3114C 2017	*BLQ(**LOQ-0.001)	mg/l	0.001	No Relaxation
23	Total Coliform	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
24	E.Coli	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
25	Electrical Conductivity	IS: 3025 (P-14): 2013	860.0	µS/cm	--	
26	Nickel as Ni	APHA 23rd Edition, 3030D, 3113B 2017	*BLQ(**LOQ-0.01)	mg/l	0.02	No relaxation
27	Free Residual Chlorine	IS 3025 (P-26): 2021	*BLQ(**LOQ-0.2)	mg/l	0.2	1.0
28	Sodium as Na	APHA 23rd Edition 3500B 2017	85.12	mg/l	-	-
29	Potassium as K	APHA 23rd Edition, 3030D, 3113 B 2017	4.35	mg/l	-	-

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

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Sample Number : VTL/W/10

Name & Address of the Party : M/s Dhariwal Infrastructure Ltd.
Plot No. C-6, 7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Sample Description : Water Sample
Sampling Location : Near Recovery Pump House -2 (Ash Pond) PZ-2
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

Report No. : VTL/W/2401150013/B
Format No : 7.8 F-01
Party Reference No : DIL/R/HEA/00731
Report Date : 22/01/2024
Period of Analysis : 15/01/2024-22/01/2024
Receipt Date : 15/01/2024
Sampling Date : 13/01/2024
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : -

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	Colour	IS : 3025 (P-4) 1983, RA 2017	*BLQ(**LOQ-5.0)	Hazen	5	15
2	Odour	IS : 3025 (P-5) : RA 2018	Agreeable	--	Agreeable	Agreeable
3	Taste	IS : 3025 (P-8): 1984 RA 2017	Agreeable	--	Agreeable	Agreeable
4	Cyanide (as CN)	APHA 23rd Edition, 4500D, 2017	*BLQ(**LOQ-0.2)	mg/l	0.05	No Relaxation
5	Barium as Ba	APHA 23rd Edition, 3111B 2017	*BLQ(**LOQ-0.02)	mg/l	0.7	No relaxation
6	Phosphate as P	APHA 23rd Edition, 4500 PD 2017	*BLQ(**LOQ-0.2)	mg/l	-	-

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

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Sample Number : VTLW/11

Name & Address of the Party : M/s Dharwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Sample Description : Water Sample
Sampling Location : Near Ash Pond -2 Piezometer -3
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

ULR No. : TC1122724000000067F
Report No. : VTLW/2401150014/A
Format No : 7.8 F-01
Party Reference No : DIL/R/HEA-00731
Report Date : 22/01/2024
Period of Analysis : 15/01/2024-22/01/2024
Receipt Date : 15/01/2024
Sampling Date : 13/01/2024
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : -

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.36	-	6.5 to 8.5	No Relaxation
2	Turbidity	IS : 3025 (P-10):1984, RA 2017	*BLQ(**LOQ-1.0)	NTU	1	5
3	Total Hardness (as CaCO ₃)	IS: 3025 (P-21): 2009, RA 2019	305.0	mg/l	200	600
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	91.23	mg/l	75	200
5	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23): 1986, RA 2019	240.0	mg/l	200	600
6	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	98.56	mg/l	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46): 1994, RA 2019	18.80	mg/l	30	100
8	Total Dissolved Solids	IS :3025 (P-16): 1984, RA 2017	516.0	mg/l	500	2000
9	Sulphate (as SO ₄)	IS: 3025 (P-24): 1986, RA 2022	52.32	mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition, 4500FD, 2017	0.81	mg/l	1.0	1.5
11	Nitrate (as NO ₃)	IS: 3025 (P-34): 1988	11.23	mg/l	45.0	No Relaxation
12	Iron (as Fe)	APHA 23rd Edition, 3111B, 2017	0.21	mg/l	1.0	No Relaxation
13	Boron (as B)	APHA 23rd Edition, 4500B, 2017	*BLQ(**LOQ-0.2)	mg/l	0.5	1.0
14	Total Chromium (as Cr)	APHA 23rd Edition 2017 3113 B, 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	No Relaxation
15	Zinc (as Zn)	APHA 23rd Edition, 3030D, 3113 B, 2017	0.34	mg/l	5.0	15.0
16	Copper (as Cu)	APHA 23rd Edition 3111B 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	1.5
17	Manganese (as Mn)	APHA 23rd Edition, 3030D,	*BLQ(**LOQ-0.05)	mg/l	0.1	0.3



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Vibrant Techno Lab Pvt. Ltd.

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**VIBRANT**"Experience the unimaginable"
Sample Number : VTLW/11**TEST REPORT**ULR No. : TC1122724000000057F
Report No. : VTLW/2401150014/A

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
17		3111 B, 2017				
18	Cadmium (as Cd)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.002)	mg/l	0.003	No Relaxation
19	Lead (as Pb)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
20	Selenium (as Se)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
21	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	0.05
22	Mercury (as Hg)	APHA 23rd edition, 3114C 2017	*BLQ(**LOQ-0.001)	mg/l	0.001	No Relaxation
23	Total Coliform	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
24	E.Coli	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
25	Electrical Conductivity	IS: 3025 (P-14): 2013	793.0	µS/cm	--	
26	Nickel as Ni	APHA 23rd Edition, 3030D, 3113B 2017	*BLQ(**LOQ-0.01)	mg/l	0.02	No relaxation
27	Free Residual Chlorine	IS 3025 (P-26): 2021	*BLQ(**LOQ-0.2)	mg/l	0.2	1.0
28	Sodium as Na	APHA 23rd Edition 3500B 2017	21.32	mg/l	-	-
29	Potassium as K	APHA 23rd Edition, 3030D, 3113 B 2017	2.65	mg/l	-	-

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

End of Report

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TEST REPORT

Sample Number : VTL/W/11

Name & Address of the Party : M/s Dhariwal Infrastructure Ltd.
 Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
 Village- Tadali, Dist- Chandrapur

Sample Description : Water Sample
 Sampling Location : Near Ash Pond -2 Piezometer -3
 Sample Collected By : VTL Team
 Preservation : Suitable Preservation
 Method of sampling : IS :3025

Report No. : VTL/W/2401150014/B
 Format No : 7.6 F-01
 Party Reference No : DIL:R:HEA:00731
 Report Date : 22/01/2024
 Period of Analysis : 15/01/2024-22/01/2024
 Receipt Date : 15/01/2024
 Sampling Date : 13/01/2024
 Sampling Type : Grab
 Sample Quantity : 2 Ltr.
 Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	Colour	IS : 3025 (P-4) 1983, RA : 2017	*BLQ(**LOQ-5.0)	Hazen	5	15
2	Odour	IS : 3025 (P-6) : RA 2018	Agreeable	--	Agreeable	Agreeable
3	Taste	IS :3025 (P-8): 1984 RA 2017	Agreeable	--	Agreeable	Agreeable
4	Cyanide (as CN)	APHA 23rd Edition, 4500D, 2017	*BLQ(**LOQ-0.2)	mg/l	0.05	No Relaxation
5	Barium as Ba	APHA 23rd Edition, 3111B, 2017	*BLQ(**LOQ-0.02)	mg/l	0.7	No relaxation
6	Phosphate as P	APHA 23rd Edition, 4500 PD, 2017	*BLQ(**LOQ-0.2)	mg/l	-	-

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

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Sample Number : VTLW/12

Name & Address of the Party : M/s Dhariwal Infrastructure Ltd.
Plot No. C-6, 7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Sample Description : Water Sample
Sampling Location : Railway Cross Weigh Bridge-2
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

ULR No. : TC1122724009000058F
Report No. : VTLW/2401150015/A
Format No : 7.8 F-01
Party Reference No : OIL/R/HEA/00731
Report Date : 22/01/2024
Period of Analysis : 15/01/2024-22/01/2024
Receipt Date : 15/01/2024
Sampling Date : 13/01/2024
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.59	--	6.5 to 8.5	No Relaxation
2	Turbidity	IS : 3025 (P-10):1984, RA 2017	*BLQ(**LOQ-1.0)	NTU	1	5
3	Total Hardness (as CaCO ₃)	IS: 3025 (P-21): 2009, RA 2019	240.0	mg/l	200	600
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	54.32	mg/l	75	200
5	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23): 1986, RA 2019	212.0	mg/l	200	600
6	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	38.56	mg/l	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46): 1994, RA 2019	25.39	mg/l	30	100
8	Total Dissolved Solids	IS :3025 (P-16): 1984, RA 2017	555.0	mg/l	500	2000
9	Sulphate (as SO ₄)	IS: 3025 (P-24): 1986, RA 2022	67.56	mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition, 4500FD, 2017	0.54	mg/l	1.0	1.5
11	Nitrate (as NO ₃)	IS: 3025 (P-34): 1988	19.45	mg/l	45.0	No Relaxation
12	Iron (as Fe)	APHA 23rd Edition, 3111B, 2017	0.22	mg/l	1.0	No Relaxation
13	Boron (as B)	APHA 23rd Edition, 4500B, 2017	*BLQ(**LOQ-0.2)	mg/l	0.5	1.0
14	Total Chromium (as Cr)	APHA 23rd Edition 2017 3113 B, 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	No Relaxation
15	Zinc (as Zn)	APHA 23rd Edition, 3030D, 3113 B, 2017	0.27	mg/l	5.0	15.0
16	Copper (as Cu)	APHA 23rd Edition 3111B 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	1.5
17	Manganese (as Mn)	APHA 23rd Edition, 3030D,	*BLQ(**LOQ-0.05)	mg/l	0.1	0.3



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Sample Number : VTLW/12**TEST REPORT**ULR No. : TC1122724000000058F
Report No. : VTLW/2401150015/A

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
17		3111 B, 2017				
18	Cadmium (as Cd)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.002)	mg/l	0.003	No Relaxation
19	Lead (as Pb)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
20	Selenium (as Se)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
21	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	0.05
22	Mercury (as Hg)	APHA 23rd edition, 3114C 2017	*BLQ(**LOQ-0.001)	mg/l	0.001	No Relaxation
23	Total Coliform	IS : 15185 : 2015	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	—
24	E.Coli	IS : 15185 : 2015	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	—
25	Electrical Conductivity	IS: 3025 (P-14): 2013	870.0	µS/cm	—	
26	Nickel as Ni	APHA 23rd Edition, 3030D, 3113B 2017	*BLQ(**LOQ-0.01)	mg/l	0.02	No relaxation
27	Free Residual Chlorine	IS 3025 (P-26): 2021	*BLQ(**LOQ-0.2)	mg/l	0.2	1.0
28	Sodium as Na	APHA 23rd Edition 3500B 2017	47.56	mg/l	-	-
29	Potassium as K	APHA 23rd Edition, 3030D, 3113 B 2017	4.26	mg/l	-	-

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

End of Report



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Sample Number : VTL/W/12

Name & Address of the Party : M/s Dhariwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Sample Description : Water Sample
Sampling Location : Railway Cross Weigh Bridge-2
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

Report No. : VTL/W/2401150015/B
Format No : 7.8 F-01
Party Reference No : DILR/HEA/00731
Report Date : 22/01/2024
Period of Analysis : 15/01/2024-22/01/2024
Receipt Date : 15/01/2024
Sampling Date : 13/01/2024
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	Colour	IS : 3025 (P-4) 1983, RA 2017	*BLQ(**LOQ-5.0)	Hazen	5	15
2	Odour	IS : 3025 (P-5) : RA 2018	Agreeable	--	Agreeable	Agreeable
3	Taste	IS :3025 (P-8): 1984 RA 2017	Agreeable	--	Agreeable	Agreeable
4	Cyanide (as CN)	APHA 23rd Edition, 4500C, 2017	*BLQ(**LOQ-0.2)	mg/l	0.05	No Relaxation
5	Barium as Ba	APHA 23rd Edition, 3111B, 2017	*BLQ(**LOQ-0.02)	mg/l	0.7	No relaxation
6	Phosphate as P	APHA 23rd Edition, 4500 PD, 2017	*BLQ(**LOQ-0.2)	mg/l	-	-

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

End of Report

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Sample Number : VTL/W/13

Name & Address of the Party : M/s Dhariwal Infrastructure Ltd.
Plot No. C-6, 7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Sample Description : Water Sample
Sampling Location : Nr. ETP Security Post, PZ-6
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

ULR No. : TC112272400000059F
Report No. : VTL/W/2401150016/A
Format No : 7.6 F-01
Party Reference No : DIL/R/HEA/00731
Report Date : 22/01/2024
Period of Analysis : 15/01/2024-22/01/2024
Receipt Date : 15/01/2024
Sampling Date : 13/01/2024
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.21	--	6.5 to 8.5	No Relaxation
2	Turbidity	IS : 3025 (P-10):1984, RA 2017	*BLQ(**LOQ-1.0)	NTU	1	5
3	Total Hardness (as CaCO ₃)	IS: 3025 (P-21): 2009, RA 2019	365.0	mg/l	200	600
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	78.95	mg/l	75	200
5	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23): 1986, RA 2019	235.0	mg/l	200	600
6	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	142.01	mg/l	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46): 1984, RA 2019	40.83	mg/l	30	100
8	Total Dissolved Solids	IS :3025 (P-16): 1984, RA 2017	740.0	mg/l	500	2000
9	Sulphate (as SO ₄)	IS: 3025 (P-24): 1986, RA 2022	96.01	mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition ,4500FD-2017	1.01	mg/l	1.0	1.5
11	Nitrate (as NO ₃)	IS: 3025 (P-34): 1988	29.45	mg/l	45.0	No Relaxation
12	Iron (as Fe)	APHA 23rd Edition , 3111B,2017	0.24	mg/l	1.0	No Relaxation
13	Boron (as B)	APHA 23rd Edition, 4500B,2017	*BLQ(**LOQ-0.2)	mg/l	0.5	1.0
14	Total Chromium (as Cr)	APHA 23rd Edition 2017 3113 B, 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	No Relaxation
15	Zinc (as Zn)	APHA 23rd Edition,3030D, 3113 B , 2017	0.32	mg/l	5.0	15.0
16	Copper (as Cu)	APHA 23rd Edition 3111B 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	1.5
17	Manganese (as Mn)	APHA 23rd Edition, 3030D,	*BLQ(**LOQ-0.05)	mg/l	0.1	0.3



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Sample Number : VTLW/13**TEST REPORT**ULR No. : TC112272400000059F
Report No. : VTLW/2401150016/A

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
17		3111 B, 2017				
18	Cadmium (as Cd)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.002)	mg/l	0.003	No Relaxation
19	Lead (as Pb)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
20	Selenium (as Se)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
21	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	0.05
22	Mercury (as Hg)	APHA 23rd edition, 3114C 2017	*BLQ(**LOQ-0.001)	mg/l	0.001	No Relaxation
23	Total Coliform	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	-
24	E.Coli	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	-
25	Electrical Conductivity	IS: 3025 (P-14): 2013	1140.0	µS/cm	-	
26	Nickel as Ni	APHA 23rd Edition, 3030D, 3113B 2017	*BLQ(**LOQ-0.01)	mg/l	0.02	No relaxation
27	Free Residual Chlorine	IS 3025 (P-26): 2021	*BLQ(**LOQ-0.2)	mg/l	0.2	1.0
28	Sodium as Na	APHA 23rd Edition 3500B 2017	102.01	mg/l	-	-
29	Potassium as K	APHA 23rd Edition, 3030D, 3113 B 2017	18.45	mg/l	-	-

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

End of Report

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TEST REPORT

VIBRANT

Sample Number : VTLW/13

Name & Address of the Party : M/s Dhanuwal Infrastructure Ltd.
Plot No. C-6, 7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Report No. : VTLW/2401150016/B
Format No : 7.8 F-01
Party Reference No : DIL/R/HEA/00731
Report Date : 22/01/2024
Period of Analysis : 15/01/2024-22/01/2024
Receipt Date : 15/01/2024
Sampling Date : 13/01/2024
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : --

Sample Description : Water Sample
Sampling Location : Nr. ETP Security Post, PZ-5
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	Colour	IS : 3025 (P-4) 1983, RA 2017	*BLQ(**LOQ-5.0)	Hazen	5	15
2	Odour	IS : 3025 (P-5) : RA 2018	Agreeable	--	Agreeable	Agreeable
3	Taste	IS : 3025 (P-8) : 1984 RA 2017	Agreeable	--	Agreeable	Agreeable
4	Cyanide (as CN)	APHA 23rd Edition, 4500C, 2017	*BLQ(**LOQ-0.2)	mg/l	0.05	No Relaxation
5	Barium as Ba	APHA 23rd Edition, 3111B, 2017	*BLQ(**LOQ-0.02)	mg/l	0.7	No relaxation
6	Phosphate as P	APHA 23rd Edition, 4500 PD, 2017	*BLQ(**LOQ-0.2)	mg/l	-	-

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

End of Report

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Sample Number : VTL/W/14

Name & Address of the Party : M/s Dharwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Sample Description : Water Sample
Sampling Location : Dugwell Water (Village- Sakharwahi)
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

ULR No. : TC1122724000000060F
Report No. : VTL/W/2401150017/A
Format No : 7.8 F-01
Party Reference No : DILR/HEA.00731
Report Date : 22/01/2024
Period of Analysis : 15/01/2024-22/01/2024
Receipt Date : 15/01/2024
Sampling Date : 13/01/2024
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : -

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.68	-	8.5 to 8.5	No Relaxation
2	Turbidity	IS : 3025: (P-10)1984, RA 2017	*BLQ(**LOQ-1.0)	NTU	1	5
3	Total Hardness (as CaCO ₃)	IS: 3025 (P-21): 2009, RA 2019	270.0	mg/l	200	500
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	82.16	mg/l	75	200
5	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23): 1986, RA 2019	255.0	mg/l	200	500
6	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	201.12	mg/l	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46): 1994, RA 2019	15.80	mg/l	30	100
8	Total Dissolved Solids	IS :3025 (P-16): 1984, RA 2017	716.0	mg/l	500	2000
9	Sulphate (as SO ₄)	IS: 3025 (P-24): 1986, RA 2022	96.21	mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition, 4500FD :2017	0.41	mg/l	1.0	1.5
11	Nitrate (as NO ₃)	IS: 3025 (P-34): 1988	26.45	mg/l	45.0	No Relaxation
12	Iron (as Fe)	APHA 23rd Edition , 3111B,2017	0.23	mg/l	1.0	No Relaxation
13	Boron (as B)	APHA 23rd Edition, 4500B,2017	*BLQ(**LOQ-0.2)	mg/l	0.5	1.0
14	Total Chromium (as Cr)	APHA 23rd Edition 2017 3113 B, 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	No Relaxation
15	Zinc (as Zn)	APHA 23rd Edition,3030D, 3113 B , 2017	0.34	mg/l	5.0	15.0
16	Copper (as Cu)	APHA 23rd Edition 3111B 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	1.5
17	Manganese (as Mn)	APHA 23rd Edition, 3030D,	*BLQ(**LOQ-0.05)	mg/l	0.1	0.3



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Lab Incharge
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Sample Number : VTLW/14

ULR No. : TC1122724000000060F
Report No. : VTLW/2401150017/A

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
17		3111 B, 2017				
18	Cadmium (as Cd)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.002)	mg/l	0.003	No Relaxation
19	Lead (as Pb)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
20	Selenium (as Se)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
21	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	0.05
22	Mercury (as Hg)	APHA 23rd edition, 3114C 2017	*BLQ(**LOQ-0.001)	mg/l	0.001	No Relaxation
23	Total Coliform	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	-
24	E.Coli	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	-
25	Electrical Conductivity	IS: 3025 (P-14): 2013	1090.0	µS/cm	-	
26	Nickel as Ni	APHA 23rd Edition, 3030D, 3113B 2017	*BLQ(**LOQ-0.01)	mg/l	0.02	No relaxation
27	Free Residual Chlorine	IS 3025 (P-26): 2021	*BLQ(**LOQ-0.2)	mg/l	0.2	1.0
28	Sodium as Na	APHA 23rd Edition 3500B 2017	89.45	mg/l	-	-
29	Potassium as K	APHA 23rd Edition, 3030D, 3113 B 2017	14.65	mg/l	-	-

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

End of Report



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**VIBRANT***"Experience the unimaginable"*

Sample Number : VTL/W/14

Name & Address of the Party : M/s Dharwal Infrastructure Ltd.
Plot No. C-6, 7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Sample Description : Water Sample
Sampling Location : Dugwell Water (Village- Sakharwahi)
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

Report No. : VTL/W/2401150017/B
Format No : 7.8 F-01
Party Reference No : DIL-R-HEA-00731
Report Date : 22/01/2024
Period of Analysis : 15/01/2024-22/01/2024
Receipt Date : 15/01/2024
Sampling Date : 13/01/2024
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	Colour	IS : 3025 (P-4):1983, RA 2017	*BLQ(**LOQ-5.0)	Hazen	5	15
2	Odour	IS : 3025 (P-5) : RA 2018	Agreeable	—	Agreeable	Agreeable
3	Taste	IS :3025 (P-8): 1984 RA 2017	Agreeable	—	Agreeable	Agreeable
4	Cyanide (as CN)	APHA, 23rd Edition, 4500D, 2017	*BLQ(**LOQ-0.2)	mg/l	0.05	No Relaxation
5	Barium as Ba	APHA, 23rd Edition, 3111B, 2017	*BLQ(**LOQ-0.02)	mg/l	0.7	No relaxation
6	Phosphate as P	APHA, 23rd Edition, 4500 PD, 2017	*BLQ(**LOQ-0.2)	mg/l	-	-

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

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**VIBRANT**

Sample Number : VTL/W/15

Name & Address of the Party : M/s Dhariwal Infrastructure Ltd.
Plot No. C-6, 7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Sample Description : Water Sample
Sampling Location : Nr. Old Switch Yard, PZ-6
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS : 3025

TEST REPORT

ULR No. : TC/122724000000061F
Report No. : VTL/W/2401150018/A
Format No : 7.8 F-01
Party Reference No : DIL/R/HEA/00731
Report Date : 22/01/2024
Period of Analysis : 15/01/2024-22/01/2024
Receipt Date : 15/01/2024
Sampling Date : 13/01/2024
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.41	—	6.5 to 8.5	No Relaxation
2	Turbidity	IS : 3025 (P-10):1984, RA 2017	*BLQ(**LOQ-1.0)	NTU	1	5
3	Total Hardness (as CaCO ₃)	IS: 3025 (P-21): 2009, RA 2019	285.0	mg/l	200	600
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	77.10	mg/l	75	200
5	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23): 1986, RA 2019	201.0	mg/l	200	600
6	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	141.01	mg/l	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46): 1994, RA 2019	22.51	mg/l	30	100
8	Total Dissolved Solids	IS :3025 (P-16): 1984, RA 2017	610.0	mg/l	500	2000
9	Sulphate (as SO ₄)	IS: 3025 (P-24): 1986, RA 2022	66.45	mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition, 4500FD :2017	0.46	mg/l	1.0	1.5
11	Nitrate (as NO ₃)	IS: 3025 (P-34): 1988	24.56	mg/l	45.0	No Relaxation
12	Iron (as Fe)	APHA 23rd Edition, 3111B, 2017	0.25	mg/l	1.0	No Relaxation
13	Boron (as B)	APHA 23rd Edition, 4500B, 2017	*BLQ(**LOQ-0.2)	mg/l	0.5	1.0
14	Total Chromium (as Cr)	APHA 23rd Edition 2017 3113 B, 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	No Relaxation
15	Zinc (as Zn)	APHA 23rd Edition, 3030D, 3113 B, 2017	0.36	mg/l	5.0	15.0
16	Copper (as Cu)	APHA 23rd Edition 3111B 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	1.5
17	Manganese (as Mn)	APHA 23rd Edition, 3030D,	*BLQ(**LOQ-0.05)	mg/l	0.1	0.3



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**VIBRANT**"Experience the unimaginable"
Sample Number: VTLW/15**TEST REPORT**ULR No. : TC1122724000000061F
Report No. : VTLW/2401150018/A

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
17		3111 B, 2017				
18	Cadmium (as Cd)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.002)	mg/l	0.003	No Relaxation
19	Lead (as Pb)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
20	Selenium (as Se)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
21	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	0.05
22	Mercury (as Hg)	APHA 23rd edition, 3114C 2017	*BLQ(**LOQ-0.001)	mg/l	0.001	No Relaxation
23	Total Coliform	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
24	E.Coli	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
25	Electrical Conductivity	IS: 3025 (P-14): 2013	942.0	µS/cm	--	
26	Nickel as Ni	APHA 23rd Edition, 3030D, 3113B 2017	*BLQ(**LOQ-0.01)	mg/l	0.02	No relaxation
27	Free Residual Chlorine	IS 3025 (P-26): 2021	*BLQ(**LOQ-0.2)	mg/l	0.2	1.0
28	Sodium as Na	APHA 23rd Edition 3500B 2017	81.45	mg/l	-	-
29	Potassium as K	APHA 23rd Edition, 3030D, 3113 B 2017	15.62	mg/l	-	-

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

End of Report

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Sample Number : VTL/W/15

Name & Address of the Party : M/s Dhariwal Infrastructure Ltd.
Plot No. C-6,7 & 8, Tadali Industrial Area, MIDC,
Village- Tadali, Dist- Chandrapur

Sample Description : Water Sample
Sampling Location : Nr. Old Switch Yard, PZ-6
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

Report No. : VTL/W/2401150018/B
Format No : 7.8 F-01
Party Reference No : DIL/R/HEA:00731
Report Date : 22/01/2024
Period of Analysis : 15/01/2024-22/01/2024
Receipt Date : 15/01/2024
Sampling Date : 13/01/2024
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	Colour	IS : 3025:(P-4)1983, RA, 2017	*BLQ(**LOQ-5.0)	Hazen	5	15
2	Odour	IS : 3025 (P-5) : RA 2018	Agreeable	--	Agreeable	Agreeable
3	Taste	IS :3025 (P-8): 1984 RA 2017	Agreeable	--	Agreeable	Agreeable
4	Cyanide (as CN)	APHA 23rd Edition, 4500D, 2017	*BLQ(**LOQ-0.2)	mg/l	0.05	No Relaxation
5	Barium as Ba	APHA 23rd Edition, 3111B, 2017	*BLQ(**LOQ-0.02)	mg/l	0.7	No relaxation
6	Phosphate as P	APHA 23rd Edition, 4500 PD, 2017	*BLQ(**LOQ-0.2)	mg/l	-	-

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

End of Report

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**VIBRANT**

"Creating the unimaginable"

Sample Number:

Name & Address of the Party:

Sample Description:

Sample Collected by:

Preservation:

Parameter Required:

Analysis Protocol:

VTL/UO/01

M/s DHARIWAL INFRASTRUCTURE
LTD. 2X 300MW Tadali Thermal Power
Plant C-6 Tadali Growth Centre, MIDC
Tadali, Dist. Chandrapur, Maharashtra-
442406

Used Oil

VTL Team

Refrigerated

As per Work Order

APHA 23rd Edition 2017 & CPCB Guidelines

Report No.:

Format No.:

Party Reference No.:

Report Date:

VTL/UO/2401150001/B

7.8 F-01

DIL:R;HEA:00731

22/01/2024

Period of Analysis:

Receipt Date:

Sampling Date:

Sampling Quantity:

Sampling Type:

15-22/01/2024

15/01/2024

12/01/2024

2.0 Ltr

Grab

S. No.	Parameter	Test-Method	Result	Unit	Limits
1.	Polychlorinated biphenyls(PCBs)	As per CPCB Guidelines	*BLQ(**LOQ 0.1)	ppm	<2.0
2.	Lead (Pb)	As per CPCB Guidelines	0.69	ppm	100
3.	Arsenic	As per CPCB Guidelines	0.02	ppm	5
4.	Polyaromatic Hydrocarbon (PAH)	As per CPCB Guidelines	1.07	%	6
5.	Chromium +Cadmium+ Nickel	As per CPCB Guidelines	0.54	ppm	500
6.	Sediment	As per CPCB Guidelines	0.46	%	-
7.	Total Halogens	As per CPCB Guidelines	69.0	ppm	-

Note-*BLQ= Below Limit of Quantification, **LOQ= Limit of Quantification.

MS Singh
(Checked By)

Lab Incharge

RK Yadav

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