



DB Power Limited

CIN: U40109MP2006PLC019008

Business Office : Village – Badadarha, Post – Kanwali, Dist – Sakti, Chhattisgarh, PIN – 495695
Tel. : +91-7389912699

No. DBPL/ENV/ 313

Date: 19.11.2025

To,
Inspector General of Forests
Ministry of Environment, Forest and Climate Change,
Integrated Regional Office, Aranya Bhawan,
North Block, Sector-19, Naya Raipur,
Atal Nagar, Chhattisgarh – 492002
Email: iro.raipur-mefcc@gov.in

Subject: Six Monthly Compliance Report for the period of April 2025 – Sept 2025

Ref: Environment Clearance granted by MOEF vide letter no. J-13012/79/2008-IA. II (T) Dated 16/09/2010 to our 2X600 MW Thermal Power Plant located at village – Badadarha, Taluka- Dabhra, Dist –Sakti, Chhattisgarh, DB Power Limited.

Dear Sir,

We are pleased to enclose herewith six monthly Compliance Status Report for the conditions stipulated in subject EC granted to our Thermal power plant located at Village - Badadarha, Taluk - Dabhra, District-Sakti, Chhattisgarh. The report has following enclosures –

1. CSR & Expenses Report - Annexure 1A & 1B
2. Fly Ash Utilization Report – Annexure -2
3. Environment Monitoring Report-Annexure -3
4. Plantation Verification Report – Annexur -4

Thanking you,
Yours Faithfully

Head-Environment

Enclosures: as above

Copy to:

The Member Secretary, Chhattisgarh Environment Conservation Board,
ParyavasBhavan, North Block Sector-19, Atal Nagar, Raipur (C.G.) 492002

Regional Officer, Chhattisgarh Environment Conservation Board
VyaparVihar, Near Pt. Dindayal Upadhyay Garden, Dist: Bilaspur (C.G.)

Status of compliance of conditions of Environment Clearance granted by MOEF vide letter no. J-13012/79/2008-IA.II (T) dated 16.09.2010 to M/S DB Power limited,
2X600 MW Thermal Power Plant located at Baradarha, Sakti, Chhattisgarh
(Period : April 2025 – September 2025)

A. Specific Conditions

S. No.	Stipulation	Compliance Status
i.	Vision document specifying prospective plan for the site shall be formulated and submitted to the Ministry within six months.	Complied.
ii.	Sulphur and ash contents in the coal to be used in the project shall not exceed 0.5% and 34% respectively at any given time. In case of variation of coal quality at any point of time, fresh reference shall be made to MoEF for suitable amendments to environmental clearance condition wherever necessary.	Company is procuring coal from Coal India subsidiaries namely SECL & MCL. We are committed to comply MOEF&CC notification vide S.O. 1561(E) dated 21.05.2020.
iii.	A bi-flue stack of 275 m height shall be provided with continuous online monitoring equipment's for SO _x , NO _x and Particulate Matter. Exit velocity of flue gases shall not be less than 22 m/sec. Mercury emissions from stack may also monitored on periodic basis.	A 275 meter tall twin flue stack has been constructed for effective dispersion of fumes aimed at proper dilution. We have installed continuous online monitoring system each attached to stack for SO _x , NO _x and Particulate Matter. The exit velocity of flue gas > 22 m/s. However, after FGD commissioning, OCEMS is connected at the FGD stacks for monitoring SO _x , NO _x and Particulate Matter.
iv.	Source sustainability study of water requirement shall be carried out by an institute of repute. The study shall also specify the source of water for meeting the requirement during lean season. The Report shall be submitted to the Regional Office of the Ministry within six months.	Complied. Source sustainability study was carried out by ISM Dhanbad and same had been submitted along with compliance report vide our Letter No. DBPL/ENV/41 Dated 28.05.2018.
v.	Hydro-geological study of the area shall be reviewed annually and report submitted to the Ministry.	Hydro-geological study report for the FY 2025-26 is under process will be submitted in next compliance cycle.
vi.	No ground water shall be extracted for use in operation of the power plant even in Lean season. COC of 5.0 shall be adopted.	Ground water is not extracted for industrial & domestic use. COC of 6.5-7.0 is maintained in water circulated through the cooling tower during operation. This is aimed at water conservation.
vii.	No water bodies including natural drainage system in the area shall be disturbed due to activities associated with the setting up /operation of the power plant. Minimum required environmental flow suggested by the competent Authority of the state govt. shall be maintained in the channel / Rivers (as applicable) even in lean season.	Being complied.
viii.	Local employable youth shall be trained in skills relevant to the project for eventual employment in the project itself. The action taken report and details thereof to this effect shall be submitted to the Regional Office of the Ministry and the State Govt. Dept. concerned from time to time.	The local youths are being trained in skills such as Plumbing, Masonry, Hand pump repair etc. by DB Power CSR team. CSR Report indicating such initiatives during the reporting period is attached as Annexure I A .



ix. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.	Complied
x. Provision for installation of FGD shall be provided for future use. High Efficiency Electrostatic Precipitators (ESPs) shall be installed to ensure that particulate emission does not exceed 50 mg/Nm ³ . Adequate dust extraction system such as cyclones / bag filters and water spray system in dusty areas such as in coal handling and ash handling points, transfer areas and other vulnerable dusty areas shall be provided.	<p>1. The Performance Guarantee (PG) tests for the Flue Gas Desulfurization (FGD) systems were successfully completed for both units—Unit #1 on 25th October 2024 and Unit #2 on 17th January 2025. The FGD system of both Unit1&2 has been in continuous operation since January 2025</p> <p>2. High Efficiency (99.94%) Electro-static precipitator having 80 fields has been installed. This has kept particulate emission from stack < 50 mg/Nm³. However, particulate emission at the FGD outlet is well below 30 mg/Nm³.</p> <p>3. We have provided dust extraction system (DE) complete with filter bags, cage and hopper fitted to Crusher unit, transfer points (5, 6, 7 and 8) and bunkers. We have also provided dust suppression system (DS) at crusher house, TP-1,2,3 and 4 and also at MUH and ERH. The conveyors have been closed on all sides using color coated galvanized profile sheet (CCGP) to confine fugitive emissions. We have provided water cannons at strategic locations in coal handling.</p> <p>4. At ash silo loading point of ash, water fogging and spraying system is installed for fugitive emission of ash. Similar system is also installed at wagon tippler zone.</p> <p>5. All internal roads are made pucca. Road dust cleaning is done manually and with machine on road inside and outside premises. Ash transportation from generation point to silo and to ash pond is done using closed MS pipes.</p> <p>Above actions have immensely helped us contain fugitive emission and meet ambient air quality norms in the area.</p>



xi. Utilization of 100% Fly Ash generated shall be made from 4th year of operation of the plant. Status of implementation shall be reported to the Regional Office of the Ministry from time to time. Fly ash shall be collected in dry form and storage facility (silos) shall be provided. Unutilized fly ash shall be disposed off in the ash pond in the form of slurry form. Mercury and other heavy metals (As,Hg,Cr, Pb etc.) will be monitored in the bottom ash as also in the effluents emanating from the existing ash pond. No ash shall be disposed off in low lying area.	Fly ash generation & utilization report from April-2025 to Sept-2025 is attached as Annexure -2 . Heavy metal monitoring is done periodically and analysis report for 2024 is attached as Annexure 3 .
xii. Ash pond shall be lined with HDPE / LDPE lining or any other suitable impermeable media such that no leaching takes place at any point of time. Adequate safety measures shall also be implemented to protect the ash dyke from getting breached. For disposal of Bottom Ash in abandoned mines (if proposed to be undertaken) it shall be ensured that the bottom and sides of the mined out areas are adequately lined with clay before Bottom Ash is tilled up. The project proponent shall inform the State Pollution Control Board well in advance before undertaking the activity.	Complied. LDPE liners used for lining of Ash pond.
xiii. Green Belt consisting of 3 tiers of plantations of native species around plant and at least 100 m width shall be raised. Wherever 100 m width is not feasible a 50 m width shall be raised and adequate justification shall be submitted to the Ministry. Tree density shall not less than 2500 per ha with survival rate not less than 75 %.	The total plantation done in the area of 211 acre is 2, 23,967 (with 80.50% survival) as per survey 2024-25, details attached in Annexure 4 .
xiv. Two nearest village shall be adopted and basic amenities like development of roads, drinking water supply, primary health center, primary school etc shall be developed in coordination with the District administration. For the tribal families (if any) affected directly or indirectly by the proposed project, specific schemes for upliftment of their sustainable livelihood shall be prepared with time bound implementation and in built monitoring program me. The status of implementation shall be submitted to the Regional Office of the Ministry from time to time.	We have adopted 2 villages Tundri and Badadarha located near the plant as required. We have made six beded OPD based hospital to cover all nearby villages. Basic amenities like development of roads, drinking water supply, health camps, infrastructure and other support in schools, etc are being done. Annexure I A .
xv. An action plan for R&R (as applicable) with package for the project affected persons be submitted and implemented as per prevalent R&R policy within three months from the date of issue of this letter.	Complied.
xvi. An amount of Rs 26.0 Corers shall be earmarked as one time capital cost for CSR program. Subsequently a recurring expenditure of Rs 5.2 Corers per annum shall be earmarked as recurring expenditure for CSR activities. Details of the activities to be undertaken shall be submitted within one month along with road map for implementation.	Expenses incurred towards implementation of CSR program from April-25 to Sept-2025 is attached as Annexure 1B .



xvii.	While identifying CSR programme the company shall conduct need based assessment for the nearby villages to study economic measures with action plan which can help in upliftment of poor Section of society. Income generating projects consistent with the traditional skills of the people besides development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program. Company shall provide separate budget for community development activities and income generating program. This will be in addition to vocational training for individuals imparted to take up self-employment and jobs.	CSR activities have been undertaken by DB Power Ltd. CSR activity detail is attached as Annexure 1 A.
xviii.	It shall be ensured that in-built monitoring mechanism for the schemes identified is in place and annual social audit shall be got done from the nearest government institute of repute in the region. The project proponent shall also submit the status of implementation of the scheme from time to time.	Social Audit report for FY 2024-25 is under process report will be submitted in next compliance cycle.

B. General Conditions

S. No.	Stipulation	Compliance Status
i.	The treated effluents conforming to the prescribed standards only shall be re-circulated and reused within the plant. There shall be no discharge outside the Plant boundary except during monsoon. Arrangements shall be made that effluents and storm water do not get mixed.	<ul style="list-style-type: none"> Treated water of ETP is reused green belt irrigation beside in ash handling plant. Ash Dyke decant water is treated and re-circulated to ash water sump for reuse as well as at the greenbelt areas. The plant is designed for zero liquid discharge.
ii.	A sewage treatment plant shall be provided (as applicable) and the treated sewage shall be used for raising greenbelt / Plantation.	Sewage Treatment Plants (17 in number) have been installed and commissioned. The treated water from STPs is used for green belt nursing.
iii.	Rainwater harvesting should be adopted, Central Groundwater Authority / Board shall be consulted for finalization of appropriate rainwater harvesting technology within a period of three months from the date of issue of clearance and details shall be furnished to the Regional Office of the Ministry.	We have constructed 7 number of Rain water harvesting structures for the purpose. This is complete with a receiving pond, gravel/sand bed filter besides bore well. The collected water is subjected to ground water recharging.
iv.	Adequate safety measures shall be provided in the plant area to check / minimize spontaneous fires in coal yard, especially during summer season. Copy of these measures with full details along with plant layout shall be submitted to the Ministry as well as to the Regional Office of the Ministry.	Complied. We have provided a Fire Detection & Protection System (FDPS) including fire hydrants at all strategic points. The detail of same has already been submitted.
v.	Storage facilities for auxiliary liquid fuel such as LDO and HFO /LSHS shall be made in the plant area in consultation with Department of Explosives, Nagpur Sulphur content in the liquid fuel will not exceed 0. 5%, Disaster Management Plan shall be prepared to meet any eventuality in case of an accident taking place due to storage of oil.	A storage facility for LDO is in place after obtaining license from PESO. We also own onsite Disaster/emergency plan duly approved by Factory inspectorate for meeting emergencies.



vi.	Regular monitoring of ground water level shall be carried out by establishing a network of existing wells and constructing new piezometers. Monitoring around the ash pond area shall be carried out particularly for heavy metals (Hg, Cr, As, Pb) and records maintained and submitted to the Regional Office of this Ministry. The data so obtained should be compared with the baseline data so as to ensure that the ground water quality is not adversely affected due to the project.	The ground water monitoring is done at regular intervals and records are maintained.
vii.	Monitoring surface water quantity and quality shall also be regularly conducted and records maintained. The monitored data shall be submitted to the Ministry regularly. Further, monitoring points shall be located between the plant and drainage in the direction of flow of ground water and records maintained. Monitoring for heavy metals in ground water shall be undertaken.	The monitoring surface water around the plant is done at regular intervals and records maintained. Annexure-3
viii.	First Aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.	Complied
ix.	Noise levels emanating from turbines shall be so controlled such that the noise in the work zone shall be limited to 75 dBA. For people working in the high noise areas, requisite personal protective equipment like earplugs / ear muffs etc. shall be provided, Workers engaged in noisy areas such as turbine area, air compressors etc shall be periodically examined to maintain audiometric record and for treatment for any hearing loss including shifting to non-noisy / less noisy areas.	The ambient noise monitoring is conducted regularly with noise within the prescribed limit and records maintained. See Annexure -3 <ul style="list-style-type: none"> • Turbine is housed in a specially designed acoustic insulated box. • Compressors are kept in isolated closed chambers. • Boiler safety valves are fitted with silencers to contain noise. • In high noise areas PPE like Ear plugs / Ear Muffs are provided to keep impact minimum. • High noise area kept unmanned as far as practical. • The periodical audiometry test of all employees is done and recorded at OHC with remedial action in case of any hearing loss reported. • Above arrangements have helped to keep noise level below 85 dB (A) as per Factory Act at plant equipment work zone and found impact negligible. However ambient noise levels at the boundary premises are within the limit as per Noise Pollution (Prevention and Control) Rules 2005



x.	Regular monitoring of ground level concentration of SO ₂ , NO _x , PM _{2.5} & PM ₁₀ and Hg shall be carried out in the impact zone and records maintained. If at any stage these levels are found to exceed the prescribed limits, necessary control measures shall be provided immediately. The location of the monitoring stations and frequency of monitoring shall be decided in consultation with SPCB. Periodic reports shall be submitted to the Regional Office of this Ministry. The data shall also be put on the website of the company.	Regular monitoring for ambient air quality is carried in the impact zone (both core and buffer). Values are well within norms. The monitoring report is enclosed as Annexure -3 . We have installed 4 nos. online CAAQMS for real time monitoring of ground level concentration and are integrated to the central server of CPCB. These are working fine.
xi.	Provision shall be made for the housing of construction labor (as applicable) within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the Project.	Complied.
xii.	The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the date of this clearance letter, informs that the project has been accorded environmental clearance and copies of clearance letter are available with the State Pollution Control Board/Committee and may also be seen at Website of the Ministry of Environment and Forests.	Complied
xiii.	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParisad / Municipal Corporation, urban local Body and the Local NGO, if any, from whom suggestions/representations, if any, received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	Complied
xiv.	An Environmental Cell shall be created at the project site itself and shall be headed by an officer of appropriate seniority and qualification. It shall be ensured that the head of the Cell shall directly report to the head of the organization.	Environmental Cell is in place and is suitably staffed. It is headed by a senior officer reporting directly to the head of the plant.
xv.	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically, It shall simultaneously be sent to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM (PM _{2.5} & PM ₁₀), SO ₂ , NO _x (ambient levels as well as stack emissions) shall be displayed at a convenient location near the main gate of the company in the public domain.	Complied.



xvi. The environment statement for each financial year ending 31st March in Form -V as is mandated to be submitted by the project proponent to the concerned State pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of the Ministry by e-mail.	Complied. Environment Statement submitted for FY 2024-25 vide letter dated 16.09.2025.												
xvii. The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment and Forests, its Regional Office, Central Pollution Control Board and State Pollution Control Board. The project proponent shall upload the status of compliance of the environment of the environmental clearance conditions on their website and update the same periodically and simultaneously send the same by e-mail to the Regional Office, Ministry of Environment and Forests.	Complied. The last six monthly compliance reports to EC conditions were submitted to IRO, MoEF&CC, Raipur & SPCB (CECB) through our Email dated 26.05.2025. The same also uploaded in our company website.												
xviii. Regional Office of the Ministry of Environment & Forests will monitor the implementation of the stipulated conditions. A complete set of documents including Environmental Impact Assessment Report and Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring. Project proponent will upload the compliance status in their website and up-date the same from time to time at least six monthly bases. Criteria pollutants levels including NOX (Stack & ambient air) shall be displayed at the main gate of the power plant.	Being Complied as and when required.												
xix. Separate funds shall be allocated for implementation of environmental protection measures along with item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should be reported to the Ministry.	<p>The Expenditure incurred in environmental protection measures are Recurring Expenditure :</p> <table border="1"> <thead> <tr> <th>Department</th><th>Expenses from April-25 to Sept-25 (in Crore)</th></tr> </thead> <tbody> <tr> <td>Environment</td><td>0.28</td></tr> <tr> <td>Horticulture</td><td>0.38</td></tr> <tr> <td>Fly Ash Utilization</td><td>39.46</td></tr> <tr> <td>OHC</td><td>0.11</td></tr> <tr> <td>Total</td><td>40.23</td></tr> </tbody> </table>	Department	Expenses from April-25 to Sept-25 (in Crore)	Environment	0.28	Horticulture	0.38	Fly Ash Utilization	39.46	OHC	0.11	Total	40.23
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Environment	0.28												
Horticulture	0.38												
Fly Ash Utilization	39.46												
OHC	0.11												
Total	40.23												
xx. The project authorities shall inform the Regional Office as well as the Ministry regarding the date of financial closure and final approval of the project by the concerned authorities and the dates of start of land development work and commissioning of plant.	Complied. Informed vide letter dated 06.06.2011.												
xxi. Full cooperation shall be extended to the Scientists / Officers from the Ministry / Regional Office of the Ministry at Bhopal / CPCB / SPCB who would be monitoring the compliance of environmental status.	Full cooperation will be extended to the Scientists / Officers from the Ministry / Regional Office of the Ministry at Raipur / CPCB / SPCB as and when required/visited.												

IA

A Glimpse Of CSR Activities From April To September 2025



DB Power Ltd

CSR ACTIVITIES

1-Construction of the Community Center is in progress at Badadarha.



2- Construction of a 63-meter CC road has been completed in village Badadarha to prevent water logging.



3- Constructed a 10,000-liter water tank and connected a pipeline from Beech Basti to Sarthi Mohalla at Badadarha.



CSR Activities

4- Installed a solar-powered drinking water system in Mahant Mohalla at Badadarha, along with five water outlets connected to the solar system.



5- Construction of washrooms is in progress at Government Primary Schools in Tundri and Rampur.



6- Repaired the approach road using coal mill reject from the coal yard to Lavlin Pond at village Badadarha, and also repaired the approach road with Murum from the main road to Kanchanpur Mohalla at Tundri.



7- Repaired the Kachcha canal at village Badadarha.



CSR Activities

8- Two special health camps for women were organized at DBPL Hospital, where Dr. Uma Agarwal (Gynecologist) examined 59 women and provided free medication.



9- DBPL Aarogya Kendra – A total of 7,474 people from nearby plant villages benefited from the hospital services.



10- Ambulance referral services were provided to 224 patients from nearby plant villages.



CSR Activities

11- Distributed certificates to 48 girls and women who completed Tailoring and Beauty Parlour training at the DBPL Training Center.



12- An awareness program on disaster management was organized for employees at the DBPL Training Hall, conducted by members of the NDRF.



13- Distributed gifts to village representatives from plant and railway corridor villages in recognition of their contribution to the successful completion of 10 years of power generation by DBPL.



14- Distributed national flags to government departments and nearby plant villages to encourage residents to hoist the Indian flag at their homes as part of the Har Ghar Tiranga program.

CSR Activities

15- On the occasion of the marriage of girls from plant-affected villages (Badadarha and Tundri), DBPL management provided ₹20,000 to the parents of each girl for the purchase of gifts (fridge, Almira, dinner set, and gas stove). A total of 19 families benefited from this scheme.

16- On the occasion of Ram Navami Puja, a Kanya Bhoj and Bhandara were organized at Kurupat Hill, Tundri.

17- Repaired hand pumps 27 times at Badadarha, Rampur, and Tundri.

Repaired motor pumps 46 times at Badadarha, Rampur, and Tundri.

Repaired street lights 153 times on poles at Badadarha and Rampur.

Repaired electric pole connections 29 times at Badadarha, Rampur, and Tundri.

Repaired pipelines 14 times at Badadarha, Rampur, and Tundri.*



CSR Activities

18- *Provided grocery items to the household of Mehatarin Yadav at Tundri for performing the Daskarm ceremony.*



19- *Celebrated Independence Day 2025 at the DBPL premises. Distributed sweet packets to students, teachers, and guests of government schools and Anganwari centers in plant and railway corridor villages on the occasion of Independence Day 2025.*



DB POWER LTD.							
CSR EXPENSES APR-25 TO Sep-25							
Sector in which the project is covered	25-Apr	25-May	26-Jun	25-Jul	25-Aug	25-Sep	Grand Total
Cultural & Social Activity	134,635.80	1,821,375.80	35,638,770.80	14,431,529.50	15,163,389.00	13,802,126.80	80991827.7
Education & Skill Development	0	48,333.00	1,257,697.00	47,223.00	59,195.00	81,990.54	1494438.54
Health activity	0	776,608.96	737,048.45	573,386.96	405,097.97	1,342,969.16	3835111.5
Infrastructure maintenance & development	65,040.00	2,047,621.60	8,808,430.72	2,059,714.51	1,619,216.81	1,230,388.00	15830411.64
Grand Total	199,675.80	4,693,939.36	46,441,946.97	17,111,853.97	17,246,898.78	16,457,474.50	102151789.4

Annexure-II

Ash Generation & Utilization Report
From April-25 to Sept-25

Sr.no	Month	Total Ash Generation (MT)	In making of Fly Ash based/ Bricks/ Blocks/ Tiles etc.	In manufacture of Portland Pozzolana Cement	In construction of Highways & Roads including Flyovers	Part replacement of cement in concrete	In Hydro Power Sector in RCC Dam Construction	In Ash dyke raising	In reclamation of low lying Area	In Mine filling	In Agriculture/ Waste land Development	Others	Total Ash Utilization	Ash Utilization (%)
1	Apr-25	183272.2	7365	78.8	0	0	0	0	18563	127243	0	0	153249.8	83.62
2	May-25	195775.6	0	94.4	0	0	0	0	11051.2	139651.3	0	0	150797	77.03
3	Jun-25	202955.8	0	147	26.9	0	0	0	68077.1	156565	0	0	224816	110.77
4	Jul- 25	178000.5	0	69.3	0	0	0	0	31716	169706	0	0	201491.3	113.2
5	Aug-25	205276.6	0	31	0	0	0	0	49116.5	194965.1	0	0	244112.6	118.92
6	Sep-25	211323.5	0	5705	0	0	0	0	65793.3	161292	0	0	232790.3	110.16
Total		1176604	7365	6126	27	0	0	0	244317	949422	0	0	1207257	102.61

Annexure-III

Environment Monitoring Report

S. No.	Monitoring Report	Page No.
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6	Treated /Untreated waste water analysis report CTBD,CBD,AWRS&CSP,STP	47-62


Ultimate
 ENVIROLYTICAL SOLUTIONS PVT. LTD.

LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2
Kabir Nagar, Raipur (C.G.) - 492099
LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

To, M/s DB Power Limited Village- Badadhara Dist.-Sakti (C.G) 495695		Report No.	UESPL/TR/25-26/02234	
		Lab Ref No.	UESPL/25-26/AAQM/04422-04430	
		Date of Sampling	01/09/2025 to 29/09/2025	
		Date of Receipt	02/09/2025 to 30/09/2025	
		Date of Report	30/09/2025	
		Date of Analysis	Start: 02/09/2025	End: 30/09/2025
SAMPLE DETAILS				
Monitoring For	Ambient Air Quality Monitoring	Customer Ref. No. & Date	8200006833, Dated: 22.07.2025	
Sampling Location	AAQMS Station - I			
Duration of Sampling	24 Hours	Sample Collected By	Laboratory Chemist	
Sampling Procedure	As Per Method Reference			
Sample Quantity/Packing	Filter Paper (PM ₁₀): 1X1 No., Filter Paper (PM _{2.5}): 1X1 No. SO ₂ : 30mlX1 No. PVC Bottle, NO ₂ : 30mlX1 No. PVC Bottle, Rubber Bladder: 1X1 No., C ₆ H ₆ : Charcoal Tube. Ozone: 10mlX1 No. Brown PVC Bottle, NH ₄ :10mlX1 No. Brown PVC Bottle			

Test Method and NAAQM Standard for Ambient Air Quality Monitoring

Parameter	Method Reference	NAAQM Standard
Particulate Matter size less than 10 microns (PM ₁₀)	IS:5182(Part-23):2006 RA 2022	100
Particulate Matter size less than 2.5 microns (PM _{2.5})	IS:5182(Part-24):2019	60
Sulphur Dioxide (SO ₂)	IS:5182(Part-2/Sec.1):2001 RA 2023	80
Nitrogen Dioxide (NO ₂)	IS:5182(Part-6):2006 RA 2022	80
Carbon Monoxide (CO)*	IS:5182(Part-10):1999	4.0
Ozone (O ₃)	CPCB Guidelines Vol-I	180
Ammonia (NH ₃)	CPCB Guidelines Vol-I	400
Arsenic (As)	IS:11124; 1984 RA-2020	6.0
Nickel (Ni)	IS:5182(Part-26):2020	20
Lead (Pb)	IS:5182(Part-22):2004 RA 2019	1.0
Benzene (C ₆ H ₆)	IS:5182(Part-11):2006	5.0
Benzo (a) Pyrene	IS:5182(Part-12):2014	1.0

TEST REPORT

Date of Sampling	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	O ₃ µg/m ³	NH ₃ µg/m ³	As ng/m ³	Ni ng/m ³	Pb µg/m ³	C ₆ H ₆ µg/m ³	B[a]p ng/m ³
01.09.2025	45.44	18.74	13.5	19.4	0.18	8.64	5.8	N.D.	N.D.	N.D.	N.D.	N.D.
05.09.2025	46.50	20.69	14.44	21.01	0.24	9.2	6.72	N.D.	N.D.	N.D.	N.D.	N.D.
08.09.2025	49.53	22.15	15.21	22.22	0.32	11.19	7.29	N.D.	N.D.	N.D.	N.D.	N.D.
12.09.2025	43.56	18.49	13.4	18.83	0.18	8.22	5.45	N.D.	N.D.	N.D.	N.D.	N.D.
15.09.2025	49.84	24.2	15.49	22.57	0.32	11.71	7.95	N.D.	N.D.	N.D.	N.D.	N.D.
19.09.2025	48.30	21.67	15.16	21.68	0.31	11.13	7.01	N.D.	N.D.	N.D.	N.D.	N.D.
22.09.2025	42.50	18.1	12.92	18.01	0.12	8.19	5.11	N.D.	N.D.	N.D.	N.D.	N.D.
26.09.2025	47.12	21.11	14.51	21.61	0.29	10.93	6.76	N.D.	N.D.	N.D.	N.D.	N.D.
29.09.2025	45.61	18.8	14.3	19.7	0.2	9.06	6.45	N.D.	N.D.	N.D.	N.D.	N.D.

Remarks: * Duration of sampling for CO - 1 Hour, N.D. - Not Detected

Terms & conditions

- The use of the report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(s) only.

 REVIEWED BY
 30/09/25


For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD

 AUTHORIZED SIGNATORY
 30/09/25

-----End of the test report-----



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2
Kabir Nagar, Raipur (C.G.) - 492099
LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address of The Customer		Report No.		UESPL/TR/25-26/02235	
To, M/s DB Power Limited Village- Badadhara Dist.-Sakti (C.G) 495695		Lab Ref No.		UESPL/25-26/AAQM/04431-04439	
		Date of Sampling		01/09/2025 to 29/09/2025	
		Date of Receipt		02/09/2025 to 30/09/2025	
		Date of Report		30/09/2025	
		Date of Analysis		Start: 02/09/2025 End: 30/09/2025	
SAMPLE DETAILS					
Monitoring For	Ambient Air Quality Monitoring	Customer Ref. No. & Date	8200006833, Dated: 22.07.2025		
Sampling Location	Urja AAQMS - II				
Duration of Sampling	24 Hours	Sample Collected By	Laboratory Chemist		
Sampling Procedure	As Per Method Reference				
Sample Quantity/Packing	Filter Paper (PM ₁₀): 1X1 No., Filter Paper (PM _{2.5}): 1X1 No. SO ₂ : 30mlX1 No. PVC Bottle, NO ₂ : 30mlX1 No. PVC Bottle, Rubber Bladder: 1X1 No., C ₆ H ₆ : Charcoal Tube. Ozone: 10mlX1 No. Brown PVC Bottle, NH ₄ :10mlX1 No. Brown PVC Bottle				

Test Method and NAAQM Standard for Ambient Air Quality Monitoring

Parameter	Method Reference	NAAQM Standard
Particulate Matter size less than 10 microns (PM ₁₀)	IS:5182(Part-23):2006 RA 2022	100
Particulate Matter size less than 2.5 microns (PM _{2.5})	IS:5182(Part-24):2019	60
Sulphur Dioxide (SO ₂)	IS:5182(Part-2/Sec.1):2001 RA 2023	80
Nitrogen Dioxide (NO ₂)	IS:5182(Part-6):2006 RA 2022	80
Carbon Monoxide (CO)*	IS:5182(Part-10):1999	4.0
Ozone (O ₃)	CPCB Guidelines Vol-I	180
Ammonia (NH ₃)	CPCB Guidelines Vol-I	400
Arsenic (As)	IS:11124; 1984 RA-2020	6.0
Nickel (Ni)	IS:5182(Part-26):2020	20
Lead (Pb)	IS:5182(Part-22):2004 RA 2019	1.0
Benzene (C ₆ H ₆)	IS:5182(Part-11):2006	5.0
Benzo(a) Pyrene	IS:5182(Part-12):2014	1.0

TEST REPORT

Date of Sampling	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	O ₃ µg/m ³	NH ₃ µg/m ³	As ng/m ³	Ni ng/m ³	Pb µg/m ³	C ₆ H ₆ µg/m ³	B[a]p ng/m ³
01.09.2025	49.79	24.68	13.98	19.58	0.36	10.88	6.81	N.D.	N.D.	N.D.	N.D.	N.D.
05.09.2025	51.78	25.95	14.74	20.84	0.44	11.69	7.64	N.D.	N.D.	N.D.	N.D.	N.D.
08.09.2025	50.75	25.54	14.51	20.12	0.39	10.97	7.2	N.D.	N.D.	N.D.	N.D.	N.D.
12.09.2025	52.00	25.62	14.72	20.55	0.42	11.47	7.37	N.D.	N.D.	N.D.	N.D.	N.D.
15.09.2025	49.04	23.36	13.87	19.46	0.35	10.19	6.04	N.D.	N.D.	N.D.	N.D.	N.D.
19.09.2025	49.27	23.9	13.92	19.56	0.35	10.41	6.59	N.D.	N.D.	N.D.	N.D.	N.D.
22.09.2025	47.75	23.05	12.08	18.14	0.32	8.9	5.86	N.D.	N.D.	N.D.	N.D.	N.D.
26.09.2025	48.82	23.1	12.74	18.24	0.34	9.5	5.95	N.D.	N.D.	N.D.	N.D.	N.D.
29.09.2025	46.75	21.98	11.88	17.12	0.31	8.47	5.02	N.D.	N.D.	N.D.	N.D.	N.D.

Remarks: * Duration of sampling for CO - 1 Hour, N.D. - Not Detected

Terms & conditions

- The use of the report for publication, arbitration or as legal dispute is forbidden.
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 REVIEWED BY	 For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD	 AUTHORIZED SIGNATORY
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-----End of the test report-----



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address of The Customer		Report No.		UESPL/TR/25-26/02236	
To, M/s DB Power Limited Village- Badadhara Dist.-Sakti (C.G) 495695		Lab Ref No.		UESPL/25-26/AAQM/04440-04448	
		Date of Sampling		01/09/2025 to 29/09/2025	
		Date of Receipt		02/09/2025 to 30/09/2025	
		Date of Report		30/09/2025	
		Date of Analysis		Start: 02/09/2025 End: 30/09/2025	
SAMPLE DETAILS					
Monitoring For	Ambient Air Quality Monitoring	Customer Ref. No. & Date	8200006833, Dated: 22.07.2025		
Sampling Location	Raw Water Area AAQMS - III				
Duration of Sampling	24 Hours	Sample Collected By	Laboratory Chemist		
Sampling Procedure	As Per Method Reference				
Sample Quantity/Packing	Filter Paper (PM ₁₀): 1X1 No., Filter Paper (PM _{2.5}): 1X1 No. SO ₂ : 30mlX1 No. PVC Bottle, NO ₂ : 30mlX1 No. PVC Bottle, Rubber Bladder: 1X1 No., C ₆ H ₆ : Charcoal Tube. Ozone: 10mlX1 No. Brown PVC Bottle, NH ₄ :10mlX1 No. Brown PVC Bottle				

Test Method and NAAQM Standard for Ambient Air Quality Monitoring

Parameter	Method Reference	NAAQM Standard
Particulate Matter size less than 10 microns (PM ₁₀)	IS:5182(Part-23):2006 RA 2022	100
Particulate Matter size less than 2.5 microns (PM _{2.5})	IS:5182(Part-24):2019	60
Sulphur Dioxide (SO ₂)	IS:5182(Part-2/Sec.1):2001 RA 2023	80
Nitrogen Dioxide (NO ₂)	IS:5182(Part-6):2006 RA 2022	80
Carbon Monoxide (CO)*	IS:5182(Part-10):1999	4.0
Ozone (O ₃)	CPCB Guidelines Vol-I	180
Ammonia (NH ₃)	CPCB Guidelines Vol-I	400
Arsenic (As)	IS:11124; 1984 RA-2020	6.0
Nickel (Ni)	IS:5182(Part-26):2020	20
Lead (Pb)	IS:5182(Part-22):2004 RA 2019	1.0
Benzene (C ₆ H ₆)	IS:5182(Part-11):2006	5.0
Benzo(a) Pyrene	IS:5182(Part-12):2014	1.0

TEST REPORT

Date of Sampling	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	O ₃ µg/m ³	NH ₃ µg/m ³	As ng/m ³	Ni ng/m ³	Pb µg/m ³	C ₆ H ₆ µg/m ³	B[a]p ng/m ³
01.09.2025	49.06	21.99	14.48	19.96	0.39	8.72	6.33	N.D.	N.D.	N.D.	N.D.	N.D.
05.09.2025	49.29	22.92	14.65	20	0.41	9.96	6.37	N.D.	N.D.	N.D.	N.D.	N.D.
08.09.2025	44.17	20.43	12.28	18.03	0.28	8.09	5.03	N.D.	N.D.	N.D.	N.D.	N.D.
12.09.2025	47.11	21.77	13.74	19.67	0.38	8.53	6.28	N.D.	N.D.	N.D.	N.D.	N.D.
15.09.2025	50.34	24.92	14.91	21.16	0.52	11.75	7.97	N.D.	N.D.	N.D.	N.D.	N.D.
19.09.2025	46.04	21.65	12.90	18.88	0.34	8.32	5.97	N.D.	N.D.	N.D.	N.D.	N.D.
22.09.2025	50.02	23.93	14.74	20.32	0.49	11.6	7.64	N.D.	N.D.	N.D.	N.D.	N.D.
26.09.2025	44.52	20.69	12.28	18.17	0.32	8.28	5.73	N.D.	N.D.	N.D.	N.D.	N.D.
29.09.2025	49.76	23.20	14.70	20.15	0.44	10.25	7.53	N.D.	N.D.	N.D.	N.D.	N.D.

Remarks: * Duration of sampling for CO - 1 Hour, N.D. - Not Detected

Terms & conditions

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 REVIEWED BY		 AUTHORIZED SIGNATORY
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-----End of the test report-----



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address of The Customer To, M/s DB Power Limited Village- Badadhara Dist.-Sakti (C.G) 495695		Report No.	UESPL/TR/25-26/02237	
		Lab Ref No.	UESPL/25-26/AAQM/04449-004457	
		Date of Sampling	01/09/2025 to 29/09/2025	
		Date of Receipt	02/09/2025 to 30/09/2025	
		Date of Report	30/09/2025	
		Date of Analysis	Start: 02/09/2025	End:30/09/2025
SAMPLE DETAILS				
Monitoring For	Ambient Air Quality Monitoring	Customer Ref. No. & Date	8200006833, Dated: 22.07.2025	
Sampling Location	Coal Yard AAQMS - IV			
Duration of Sampling	24 Hours	Sample Collected By	Laboratory Chemist	
Sampling Procedure	As Per Method Reference			
Sample Quantity/Packing	Filter Paper (PM ₁₀): 1X1 No., Filter Paper (PM _{2.5}): 1X1 No. SO ₂ : 30mlX1 No. PVC Bottle, NO ₂ : 30mlX1 No. PVC Bottle, Rubber Bladder: 1X1 No., C6H6: Charcoal Tube. Ozone: 10mlX1 No. Brown PVC Bottle, NH ₄ :10mlX1 No. Brown PVC Bottle			

Test Method and NAAQM Standard for Ambient Air Quality Monitoring

Parameter	Method Reference	NAAQM Standard
Particulate Matter size less than 10 microns (PM ₁₀)	IS:5182(Part-23):2006 RA 2022	100
Particulate Matter size less than 2.5 microns (PM _{2.5})	IS:5182(Part-24):2019	60
Sulphur Dioxide (SO ₂)	IS:5182(Part-2/Sec.1):2001 RA 2023	80
Nitrogen Dioxide (NO ₂)	IS:5182(Part-6):2006 RA 2022	80
Carbon Monoxide (CO)*	IS:5182(Part-10):1999	4.0
Ozone (O ₃)	CPCB Guidelines Vol-I	180
Ammonia (NH ₃)	CPCB Guidelines Vol-I	400
Arsenic (As)	IS:11124; 1984 RA-2020	6.0
Nickel (Ni)	IS:5182(Part-26):2020	20
Lead (Pb)	IS:5182(Part-22):2004 RA 2019	1.0
Benzene (C ₆ H ₆)	IS:5182(Part-11):2006	5.0
Benzo(a) Pyrene	IS:5182(Part-12):2014	1.0

TEST REPORT

Date of Sampling	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	O ₃ µg/m ³	NH ₃ µg/m ³	As ng/m ³	Ni ng/m ³	Pb µg/m ³	C ₆ H ₆ µg/m ³	B[a]p ng/m ³
01.09.2025	48.53	25.57	14.92	21.95	0.51	11.2	7.95	N.D.	N.D.	N.D.	N.D.	N.D.
05.09.2025	41.29	21.18	12.36	19.51	0.28	9.24	5.84	N.D.	N.D.	N.D.	N.D.	N.D.
08.09.2025	47.31	23.75	14.41	21.53	0.41	9.94	6.87	N.D.	N.D.	N.D.	N.D.	N.D.
12.09.2025	47.94	24.04	14.66	21.57	0.46	9.99	6.94	N.D.	N.D.	N.D.	N.D.	N.D.
15.09.2025	51.19	25.78	15.51	22.59	0.53	11.47	7.98	N.D.	N.D.	N.D.	N.D.	N.D.
19.09.2025	43.71	22.87	12.85	20.34	0.32	9.64	6.75	N.D.	N.D.	N.D.	N.D.	N.D.
22.09.2025	46.42	23.44	14.14	21.23	0.38	9.76	6.85	N.D.	N.D.	N.D.	N.D.	N.D.
26.09.2025	48.45	24.31	14.7	21.91	0.49	10.56	7.36	N.D.	N.D.	N.D.	N.D.	N.D.
29.09.2025	41.53	22.65	12.66	20.04	0.31	9.46	6.61	N.D.	N.D.	N.D.	N.D.	N.D.

Remarks: * Duration of sampling for CO - 1 Hour, N.D. - Not Detected

Terms & conditions

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 REVIEWED BY		For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD  AUTHORIZED SIGNATORY
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-----End of the test report-----



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2
Kabir Nagar, Raipur (C.G.) - 492099
LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address of The Customer		Report No.	UESPL/TR/25-26/02238
To,		Lab Ref No.	UESPL/25-26/AAQM/04458-04466
M/s DB Power Limited		Date of Sampling	01/09/2025 to 29/09/2025
Village - Badadhara		Date of Receipt	02/09/2025 to 30/09/2025
Dist. - Sakti (C.G) 495695		Date of Report	30/09/2025
		Date of Analysis	Start: 02/09/2025 End: 30/09/2025
SAMPLE DETAILS			
Monitoring For	Ambient Air Quality Monitoring	Customer Ref. No. & Date	8200006833, Dated: 22.07.2025
Sampling Location	Near - Dhurkot Village		
Duration of Sampling	24 Hours	Sample Collected By	Laboratory Chemist
Sampling Procedure	As Per Method Reference		
Sample Quantity/Packing	Filter Paper (PM ₁₀): 1X1 No., Filter Paper (PM _{2.5}): 1X1 No. SO ₂ : 30mlX1 No. PVC Bottle, NO ₂ : 30mlX1 No. PVC Bottle, Rubber Bladder: 1X1 No., C6H6: Charcoal Tube. Ozone: 10mlX1 No. Brown PVC Bottle, NH ₄ :10mlX1 No. Brown PVC Bottle		

Test Method and NAAQM Standard for Ambient Air Quality Monitoring

Parameter	Method Reference	NAAQM Standard
Particulate Matter size less than 10 microns (PM ₁₀)	IS:5182(Part-23):2006 RA 2022	100
Particulate Matter size less than 2.5 microns (PM _{2.5})	IS:5182(Part-24):2019	60
Sulphur Dioxide (SO ₂)	IS:5182(Part-2/Sec.1):2001 RA 2023	80
Nitrogen Dioxide (NO ₂)	IS:5182(Part-6):2006 RA 2022	80
Carbon Monoxide (CO)*	IS:5182(Part-10):1999	4.0
Ozone (O ₃)	CPCB Guidelines Vol-I	180
Ammonia (NH ₃)	CPCB Guidelines Vol-I	400
Arsenic (As)	IS:11124; 1984 RA-2020	6.0
Nickel (Ni)	IS:5182(Part-26):2020	20
Lead (Pb)	IS:5182(Part-22):2004 RA 2019	1.0
Benzene (C ₆ H ₆)	IS:5182(Part-11):2006	5.0
Benzo(a) Pyrene	IS:5182(Part-12):2014	1.0

TEST REPORT

Date of Sampling	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	O ₃ µg/m ³	NH ₃ µg/m ³	As ng/m ³	Ni ng/m ³	Pb µg/m ³	C ₆ H ₆ µg/m ³	B[a]p ng/m ³
01.09.2025	44.93	21.44	12.92	19.50	0.23	11.19	6.00	N.D.	N.D.	N.D.	N.D.	N.D.
05.09.2025	44.22	20.77	12.85	18.97	0.20	11.03	5.98	N.D.	N.D.	N.D.	N.D.	N.D.
08.09.2025	37.57	18.93	11.08	16.06	0.11	9.22	4.15	N.D.	N.D.	N.D.	N.D.	N.D.
12.09.2025	38.48	19.18	11.76	16.84	0.12	10.01	4.97	N.D.	N.D.	N.D.	N.D.	N.D.
15.09.2025	45.01	21.48	13.40	20.34	0.31	12.13	6.24	N.D.	N.D.	N.D.	N.D.	N.D.
19.09.2025	41.87	19.43	12.05	18.84	0.09	10.50	5.78	N.D.	N.D.	N.D.	N.D.	N.D.
22.09.2025	41.00	19.21	11.96	18.80	0.19	10.02	5.28	N.D.	N.D.	N.D.	N.D.	N.D.
26.09.2025	45.66	21.66	13.66	20.38	0.31	12.16	6.61	N.D.	N.D.	N.D.	N.D.	N.D.
29.09.2025	42.40	19.52	12.78	18.96	0.16	10.89	5.83	N.D.	N.D.	N.D.	N.D.	N.D.

Remarks: * Duration of sampling for CO - 1 Hour, N.D. - Not Detected

Terms & conditions

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- This is for information as the party has asked for above test(s) only.

 REVIEWED BY	 For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD AUTHORIZED SIGNATORY
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-----End of the test report-----



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address of The Customer		Report No.	UESPL/TR/25-26/02239
To, M/s DB Power Limited Village- Badadhara Dist.-Sakti (C.G) 495695		Lab Ref No.	UESPL/25-26/AAQM/04467-04475
		Date of Sampling	01/09/2025 to 29/09/2025
		Date of Receipt	02/09/2025 to 30/09/2025
		Date of Report	30/09/2025
		Date of Analysis	Start: 02/09/2025 End:30/09/2025
SAMPLE DETAILS			
Monitoring For	Ambient Air Quality Monitoring	Customer Ref. No. & Date	8200006833, Dated: 22.07.2025
Sampling Location	Near – Fulbandhiya Village		
Duration of Sampling	24 Hours	Sample Collected By	Laboratory Chemist
Sampling Procedure	As Per Method Reference		
Sample Quantity/Packing	Filter Paper (PM ₁₀): 1X1 No., Filter Paper (PM _{2.5}): 1X1 No. SO ₂ : 30mlX1 No. PVC Bottle, NO ₂ : 30mlX1 No. PVC Bottle, Rubber Bladder: 1X1 No., C6H6: Charcoal Tube. Ozone: 10mlX1 No. Brown PVC Bottle, NH ₄ :10mlX1 No. Brown PVC Bottle		

Test Method and NAAQM Standard for Ambient Air Quality Monitoring

Parameter	Method Reference	NAAQM Standard
Particulate Matter size less than 10 microns (PM ₁₀)	IS:5182(Part-23):2006 RA 2022	100
Particulate Matter size less than 2.5 microns (PM _{2.5})	IS:5182(Part-24):2019	60
Sulphur Dioxide (SO ₂)	IS:5182(Part-2/Sec.1):2001 RA 2023	80
Nitrogen Dioxide (NO ₂)	IS:5182(Part-6):2006 RA 2022	80
Carbon Monoxide (CO)*	IS:5182(Part-10):1999	4.0
Ozone (O ₃)	CPCB Guidelines Vol-I	180
Ammonia (NH ₃)	CPCB Guidelines Vol-I	400
Arsenic (As)	IS:11124; 1984 RA-2020	6.0
Nickel (Ni)	IS:5182(Part-26):2020	20
Lead (Pb)	IS:5182(Part-22):2004 RA 2019	1.0
Benzene (C ₆ H ₆)	IS:5182(Part-11):2006	5.0
Benzo(a) Pyrene	IS:5182(Part-12):2014	1.0

TEST REPORT

Date of Sampling	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	O ₃ µg/m ³	NH ₃ µg/m ³	As ng/m ³	Ni ng/m ³	Pb µg/m ³	C ₆ H ₆ µg/m ³	B[a]p ng/m ³
01.09.2025	48.83	21.53	15.75	20.59	0.29	11.85	6.40	N.D.	N.D.	N.D.	N.D.	N.D.
05.09.2025	40.87	19.71	13.40	18.73	0.27	10.50	5.52	N.D.	N.D.	N.D.	N.D.	N.D.
08.09.2025	41.14	20.11	14.37	19.85	0.31	10.50	5.64	N.D.	N.D.	N.D.	N.D.	N.D.
12.09.2025	45.29	20.93	14.94	20.15	0.23	10.84	5.92	N.D.	N.D.	N.D.	N.D.	N.D.
15.09.2025	39.81	19.29	13.26	18.63	0.25	10.32	5.37	N.D.	N.D.	N.D.	N.D.	N.D.
19.09.2025	39.43	19.12	13.00	18.28	0.20	10.13	5.08	N.D.	N.D.	N.D.	N.D.	N.D.
22.09.2025	41.68	20.23	14.56	19.87	0.21	10.50	5.86	N.D.	N.D.	N.D.	N.D.	N.D.
26.09.2025	44.07	20.82	14.65	20.10	0.22	10.56	5.91	N.D.	N.D.	N.D.	N.D.	N.D.
29.09.2025	47.43	21.17	15.49	20.35	0.26	10.97	6.36	N.D.	N.D.	N.D.	N.D.	N.D.

Remarks: * Duration of sampling for CO - 1 Hour, N.D. - Not Detected

Terms & conditions

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 REVIEWED BY	 For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD AUTHORIZED SIGNATORY
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-----End of the test report-----



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address of The Customer		Report No.	UESPL/TR/25-26/02240
To, M/s DB Power Limited Village- Badadhara Dist.-Sakti (C.G) 495695		Lab Ref No.	UESPL/25-26/AAQM/04476-04484
		Date of Sampling	01/09/2025 to 29/09/2025
		Date of Receipt	02/09/2025 to 30/09/2025
		Date of Report	30/09/2025
		Date of Analysis	Start: 02/09/2025 End:30/09/2025
SAMPLE DETAILS			
Monitoring For	Ambient Air Quality Monitoring	Customer Ref. No. & Date	8200006833, Dated: 22.07.2025
Sampling Location	Near – Nandeli Village		
Duration of Sampling	24 Hours	Sample Collected By	Laboratory Chemist
Sampling Procedure	As Per Method Reference		
Sample Quantity/Packing	Filter Paper (PM ₁₀): 1X1 No., Filter Paper (PM _{2.5}): 1X1 No. SO ₂ : 30mlX1 No. PVC Bottle, NO ₂ : 30mlX1 No. PVC Bottle, Rubber Bladder: 1X1 No., C6H6: Charcoal Tube. Ozone: 10mlX1 No. Brown PVC Bottle, NH ₄ :10mlX1 No. Brown PVC Bottle		

Test Method and NAAQM Standard for Ambient Air Quality Monitoring

Parameter	Method Reference	NAAQM Standard
Particulate Matter size less than 10 microns (PM ₁₀)	IS:5182 (Part-23):2006 RA 2022	100
Particulate Matter size less than 2.5 microns (PM _{2.5})	IS:5182 (Part-24):2019	60
Sulphur Dioxide (SO ₂)	IS:5182 (Part-2/Sec.1):2001 RA 2023	80
Nitrogen Dioxide (NO ₂)	IS:5182 (Part-6):2006 RA 2022	80
Carbon Monoxide (CO)*	IS:5182 (Part-10):1999	4.0
Ozone (O ₃)	CPCB Guidelines Vol-I	180
Ammonia (NH ₃)	CPCB Guidelines Vol-I	400
Arsenic (As)	IS:11124; 1984 RA-2020	6.0
Nickel (Ni)	IS:5182 (Part-26):2020	20
Lead (Pb)	IS:5182 (Part-22):2004 RA 2019	1.0
Benzene (C ₆ H ₆)	IS:5182 (Part-11):2006	5.0
Benzo(a) Pyrene	IS:5182 (Part-12):2014	1.0

TEST REPORT

Date of Sampling	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	O ₃ µg/m ³	NH ₃ µg/m ³	As ng/m ³	Ni ng/m ³	Pb µg/m ³	C ₆ H ₆ µg/m ³	B[a]p ng/m ³
01.09.2025	41.69	18.82	12.51	17.73	0.11	9.34	4.77	N.D.	N.D.	N.D.	N.D.	N.D.
05.09.2025	44.17	20.66	13.83	19.19	0.25	11.19	5.67	N.D.	N.D.	N.D.	N.D.	N.D.
08.09.2025	43.83	20.41	13.29	18.92	0.21	10.43	5.03	N.D.	N.D.	N.D.	N.D.	N.D.
12.09.2025	41.77	20.15	12.57	18.20	0.18	9.39	4.79	N.D.	N.D.	N.D.	N.D.	N.D.
15.09.2025	39.69	18.81	12.34	17.61	0.22	9.30	4.24	N.D.	N.D.	N.D.	N.D.	N.D.
19.09.2025	45.54	21.04	14.04	19.20	0.28	11.44	6.28	N.D.	N.D.	N.D.	N.D.	N.D.
22.09.2025	37.95	18.40	12.15	17.43	0.20	9.07	4.19	N.D.	N.D.	N.D.	N.D.	N.D.
26.09.2025	47.62	21.96	14.95	20.11	0.29	12.71	6.90	N.D.	N.D.	N.D.	N.D.	N.D.
29.09.2025	46.87	21.50	14.44	19.90	0.28	12.35	6.33	N.D.	N.D.	N.D.	N.D.	N.D.

Remarks: * Duration of sampling for CO - 1 Hour, N.D. - Not Detected

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 REVIEWED BY	 For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD AUTHORIZED SIGNATORY
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-----End of the test report-----



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address of The Customer		Report No.	UESPL/TR/25-26/02241
To, M/s DB Power Limited Village- Badadhara Dist.-Sakti (C.G) 495695		Lab Ref No.	UESPL/25-26/AAQM/04485-04493
		Date of Sampling	01/09/2025 to 29/09/2025
		Date of Receipt	02/09/2025 to 30/09/2025
		Date of Report	30/09/2025
		Date of Analysis	Start: 02/09/2025 End:30/09/2025
SAMPLE DETAILS			
Monitoring For	Ambient Air Quality Monitoring	Customer Ref. No. & Date	8200006833, Dated: 22.07.2025
Sampling Location	Near – Komo Village		
Duration of Sampling	24 Hours	Sample Collected By	Laboratory Chemist
Sampling Procedure	As Per Method Reference		
Sample Quantity/Packing	Filter Paper (PM ₁₀): 1X1 No., Filter Paper (PM _{2.5}): 1X1 No. SO ₂ : 30mlX1 No. PVC Bottle, NO ₂ : 30mlX1 No. PVC Bottle, Rubber Bladder: 1X1 No., C ₆ H ₆ : Charcoal Tube. Ozone: 10mlX1 No. Brown PVC Bottle, NH ₄ :10mlX1 No. Brown PVC Bottle		

Test Method and NAAQM Standard for Ambient Air Quality Monitoring

Parameter	Method Reference	NAAQM Standard
Particulate Matter size less than 10 microns (PM ₁₀)	IS:5182 (Part-23):2006 RA 2022	100
Particulate Matter size less than 2.5 microns (PM _{2.5})	IS:5182 (Part-24):2019	60
Sulphur Dioxide (SO ₂)	IS:5182 (Part-2/Sec.1):2001 RA 2023	80
Nitrogen Dioxide (NO ₂)	IS:5182 (Part-6):2006 RA 2022	80
Carbon Monoxide (CO)*	IS:5182 (Part-10):1999	4.0
Ozone (O ₃)	CPCB Guidelines Vol-I	180
Ammonia (NH ₃)	CPCB Guidelines Vol-I	400
Arsenic (As)	IS:11124; 1984 RA-2020	6.0
Nickel (Ni)	IS:5182 (Part-26):2020	20
Lead (Pb)	IS:5182 (Part-22):2004 RA 2019	1.0
Benzene (C ₆ H ₆)	IS:5182 (Part-11):2006	5.0
Benzo(a) Pyrene	IS:5182 (Part-12):2014	1.0

TEST REPORT

Date of Sampling	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	O ₃ µg/m ³	NH ₃ µg/m ³	As ng/m ³	Ni ng/m ³	Pb µg/m ³	C ₆ H ₆ µg/m ³	B[a]p ng/m ³
01.09.2025	38.55	17.56	12.82	17.41	0.29	10.41	4.83	N.D.	N.D.	N.D.	N.D.	N.D.
05.09.2025	44.37	19.97	14.17	20.71	0.22	10.99	6.41	N.D.	N.D.	N.D.	N.D.	N.D.
08.09.2025	39.84	18.16	13.27	18.94	0.42	10.57	5.06	N.D.	N.D.	N.D.	N.D.	N.D.
12.09.2025	37.77	17.33	12.12	17.27	0.21	9.22	4.39	N.D.	N.D.	N.D.	N.D.	N.D.
15.09.2025	40.45	18.85	13.53	19.48	0.46	10.58	5.77	N.D.	N.D.	N.D.	N.D.	N.D.
19.09.2025	38.00	17.41	12.29	17.33	0.29	10.38	4.72	N.D.	N.D.	N.D.	N.D.	N.D.
22.09.2025	45.36	20.30	14.23	20.81	0.25	12.48	6.72	N.D.	N.D.	N.D.	N.D.	N.D.
26.09.2025	46.44	20.47	14.48	20.92	0.31	12.85	6.75	N.D.	N.D.	N.D.	N.D.	N.D.
29.09.2025	42.78	18.91	14.05	20.63	0.19	10.61	6.34	N.D.	N.D.	N.D.	N.D.	N.D.

Remarks: * Duration of sampling for CO - 1 Hour, N.D. - Not Detected

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-----End of the test report-----



Ultimate
ENVIROLYTICAL SOLUTIONS PVT. LTD.

LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address Of The Customer		Report No.	UESPL/TR/25-26/02242
To, M/s DB Power Limited Village- Badadhara Dist.-Sakti (C.G) 495695		Lab Ref No.	UESPL/25-26/N/04494-04511
		Date of Report	18/09/2025
		Date of Sampling	12/09/2025 & 16/09/2025
SAMPLE DETAILS			
Monitoring For	Noise Level Monitoring	Customer Ref. No. &Date	8200006833, Dated: 22.07.2025
Sampling Location	Inside Plant &Outside Plant (As Described Below)		
Sample Received On	Monitoring At	Sample Collected By	Laboratory Chemist
Sampling Procedure	Manufacturer's Instruction		
Sample Quantity/Packing	Not Applicable		

TEST REPORT

LOCATION	UNIT	RESULT 16.09.2025		MAXIMUM EXPOSURE DURATION PER DAY 8 HRS. LIMIT	
Near - TG Unit 01 Area	dB(A)	84.0		85dB (Max)	
Near - TG Unit 02 Area	dB(A)	83.1			
Near – NR Silo Plant	dB(A)	68.0			
Near – MUH CHP	dB(A)	80.0			
Crusher CHP Area	dB(A)	82.9			
Near – DM Plant	dB(A)	72.7			
Near – BFP 01	dB(A)	80.2			
Near – BFP 02	dB(A)	81.6			
Near – Compressor House	dB(A)	82.6			
Near – TAC Building	dB(A)	81.7			
LOCATION	UNIT	RESULT 12.09.2025		LIMIT (INDUSTRIAL ZONE)	
		DAY TIME	NIGHT TIME		
Inside Plant					
AAQM Station - I	dB(A)	65.8	61.3	75	70
Urja AAQMS - II	dB(A)	60.4	55.9		
Raw Water AAQMS- III	dB(A)	65.8	56.2		
Coal Yard AAQMS - IV	dB(A)	61.8	59.2		
Outside Plant					
Near - Dhurkot Village	dB(A)	48.8	41.6	55	45
Near - Fulbandhiya Village	dB(A)	42.9	38.5		
Near - Nandeli Village	dB(A)	41.6	39.8		
Near Komo Village	dB(A)	44.6	40.2		

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-----End of the test report-----



Ultimate
ENVIROLYTICAL SOLUTIONS PVT. LTD.

LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2
Kabir Nagar, Raipur (C.G.) - 492099
LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address of The Customer To, M/s DB Power Limited Village- Badadhara Dist.-Sakti (C.G) 495695		Report No.		UESPL/TR/25-26/02243	
		Lab Ref No.		UESPL/25-26/FE/04512-04515	
		Date of Sampling		26/09/2025 - 27/09/2025	
		Date of Receipt		27/09/2025	
		Date of Report		30/09/2025	
		Date of Analysis		Start: 27/09/2025	End: 30/09/2025
SAMPLE DETAILS					
Monitoring For		Fugitive Emission			
Customer Ref. No. & Date		8200006833, Dated: 22.07.2025			
Sampling Location		1. Manual Unloading Hopper 2. CHP Crusher 3. Silo Area 4. ESP Area			
Duration of Sampling		8 Hours			
Sample Collected By		Laboratory Chemist			
Sampling Procedure		As Per Method Reference			
Sample Quantity/Packing		GMF Filter Paper (8 X 10 inch): 1X1 No.			

TEST REPORT								
SR. NO.	PARAMETER	UNIT	RESULT				MOEF & CC NOTIFICATION	METHOD REFERENCE
			MANUAL UNLOADING HOPPER	CHP CRUSHER	SILo AREA	ESP AREA		
1	Total Suspended Particulate Matter (as SPM)	µg/m ³	328	366	320	308	500	EPA Method IO-2.1

Note: All results are on the basis of 8-hour sampling.

REMARKS: RESULTS ARE AS ABOVE

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 30/9/25 REVIEWED BY		For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD 30/09/25 AUTHORIZED SIGNATORY
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-----End of the test report-----



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address of the Customer		Report No.	UESPL/TR/25-26/02244
To,		Lab Ref No.	UESPL/25-26/ST/04516
M/s DB Power Limited		Date of Sampling	09/09/2025
Village- Badadhara		Date of Receipt	10/09/2025
Dist. - Sakti (C.G) 495695		Date of Report	13/09/2025
		Date of Analysis	Start: 10/09/2025 End: 13/09/2025
SAMPLE DETAILS			
Monitoring For	FGD_Absorber1_Stack		
Customer Ref. No. & Date	8200006833, Dated: 22.07.2025		
Sampling Location	Unit - I		
Sample Collected By	Laboratory Chemist		
Sampling Procedure	IS 11255 Part 1,2:1985 Reaffirmed 2009; Part 3:2008, Part 7:2005 Reaffirmed 2012, IS 5182 (Part 10) :2003		
Sample Quantity/Packing	Thimble: 1 X 1 No., SO ₂ : 30 ml X 1 No. PVC Bottle, NO _x : 25 ml X 1 No. PVC Bottle, Rubber Bladder: 1 X 1 No., Hg: 500ml X 1 No. Glass Bottle & 500ml X 3 No. PVC Bottle.		

TEST REPORT

Stack details				
Stack Identity	UNIT - I			
Stack Attached To	ESP-BOILER			
Material of Construction	MS / RCC			
Stack Height Above Ground Level (Mtr.)	120			
Stack Diameter (Mtr.)	0.065			
Stack Shape at Top	CIRCULAR			
Type of Fuel	COAL			
Parameter	Unit	Result	Limit	Method Reference
Flue Gas Temperature	°C	62	-	IS:11255:(Part-3):2008
Flue Gas Velocity	M/s	20.1	-	IS:11255:(Part-3):2008
Total Gas Quantity	Nm ³ /h	2629379	-	IS:11255:(Part-3):2008
Particulate Matter (PM)	mg/Nm ³	25.0	50	IS:11255:(Part-1):1985 RA 2019
Sulphur Dioxide (SO ₂)	mg/Nm ³	86.4	200	IS:11255:(Part-2):1985 RA 2019
Oxide Of Nitrogen (NO _x)	mg/Nm ³	292	450	IS:11255:(Part-7):2005 RA 2022
Carbon Monoxide (CO)	mg/ Nm ³	<0.2	-	IS 13270 RA 2019
Mercury (Hg)	mg/Nm ³	N.D.	0.03	USEPA Method No. 29

REMARKS: Results Are as Above

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-----End of the test report-----



Ultimate
ENVIROLYTICAL SOLUTIONS PVT. LTD.

LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

<i>Name & Address of The Customer</i>		Report No.	UESPL/TR/25-26/02245	
To, M/s DB Power Limited Village- Badadhara Dist. - Sakti (C.G) 495695		Lab Ref No.	UESPL/25-26/ST/04517	
		Date of Sampling	09/09/2025	
		Date of Receipt	10/09/2025	
		Date of Report	13/09/2025	
		Date of Analysis	Start: 10/09/2025	End: 13/09/2025
SAMPLE DETAILS				
Monitoring For		Stack Emission Monitoring		
Customer Ref. No. & Date		8200006833, Dated: 22.07.2025		
Sampling Location		Unit - II		
Sample Collected By		Laboratory Chemist		
Sampling Procedure		IS 11255 Part 1,2:1985 Reaffirmed 2009; Part 3:2008, Part 7:2005 Reaffirmed 2012, IS 5182 (Part 10) :2003		
Sample Quantity/Packing		Thimble: 1 X 1 No., SO ₂ : 30 ml X 1 No. PVC Bottle, NO _x : 25 ml X 1 No. PVC Bottle, Rubber Bladder: 1 X 1 No., Hg: 500ml X 1 No. Glass Bottle & 500ml X 3 No. PVC Bottle.		

TEST REPORT

Stack details				
Stack Identity	UNIT -II			
Stack Attached To	ESP-BOILER			
Material of Construction	MS / RCC			
Stack Height Above Ground Level (Mtr.)	275			
Stack Diameter (Mtr.)	7.3			
Stack Shape at Top	CIRCULAR			
Type of Fuel	COAL			
Parameter	Unit	Result	Limit	Method Reference
Flue Gas Temperature	°C	127.0	-	IS:11255:(Part-3):2008
Flue Gas Velocity	M/s	25.01	-	IS:11255:(Part-3):2008
Total Gas Quantity	Nm ³ /h	2664614	-	IS:11255:(Part-3):2008
Particulate Matter (PM)	mg/Nm ³	43.6	50	IS:11255:(Part-1):1985 RA 2019
Sulphur Dioxide (SO ₂)	mg/Nm ³	1208	200	IS:11255:(Part-2):1985 RA 2019
Oxide of Nitrogen (NO _x)	mg/Nm ³	308	450	IS:11255:(Part-7):2005 RA 2022
Carbon Monoxide (CO)	mg/ Nm ³	<0.2	-	IS 13270 RA 2019
Mercury (Hg)	mg/Nm ³	N.D.	0.03	USEPA Method No. 29

REMARKS: Results Are as Above

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-----End of the test report-----



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address Of The Customer To, M/s DB Power Limited Village- Badadhara Dist.-Sakti (C.G) 495695	Report No.	UESPL/TR/25-26/02246	
	Lab Ref No.	UESPL/25-26/W/04518	
	Date of Sampling	15/09/2025	
	Date of Receipt	16/09/2025	
	Date of Report	20/09/2025	
	Date of analysis	Start: 16/09/2025	End: 20/09/2025
SAMPLE DETAILS			
Customer Sample Id /Sampling Location	Aditya Canteen		
Customer Ref. No. & Date	8200006833, Dated: 22.07.2025		
Sample Type	Drinking Water		
Packing of Sample	Plastic Bottle (5.0 Ltr.) Glass Bottle (1.0 Ltr.)		
Sample Collected By	Laboratory Chemist		
Sample Condition at Receipt	Ok		

REPORT NO.: 02246

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	AS PER IS 10500:2012		RESULT
				Acceptable Limit	Permissible limit	
A.	Organoleptic & Physical Parameters					
1	Colour	Hazen	IS:3025(Part-4):2021	5	15	<1.0
2	Odour	-	IS:3025(Part-5):1983	Agreeable	Agreeable	Agreeable
3	pH Value at 25.2°C	-	IS:3025(Part-11):2022	6.5-8.5	No Relaxation	7.32
4	Taste	-	IS:3025(Part-8):2017	Agreeable	Agreeable	Agreeable
5	Turbidity	NTU	IS:3025(Part-10):2023	1	5	0.46
6	Total Dissolved Solids	mg/L	IS:3025(Part-16):2023	500	2000	92
B.	General Parameters Concerning Substances undesirable in excessive amounts					
1	Aluminium (as Al)	mg/L	IS:3025(Part-55):2003 RA 2019	0.03	0.2	N.D.
2	Ammonia (as total ammonia-N)	mg/L	APHA 24 th Ed.2023, 4500-NH ₃ -B&C, 424-425	0.5	No Relaxation	N.D.
3	Anionic Detergent (as MBAS)	mg/L	APHA 24 th Ed.2023, 5540-MBAS-C, 585	0.2	1.0	N.D.
4	Barium (as Ba)	mg/L	APHA 24 th Ed.2023,3500-Ba, 252	0.7	No Relaxation	N.D.
5	Boron (as B)	mg/L	APHA 24 th Ed.2023,4500-B-B, 328	0.5	1.0	N.D.
6	Calcium (as Ca)	mg/L	IS:3025(Part-40):1991 RA 2019	75	200	9.62
7	Chloramines (as Cl ₂)	mg/L	IS:3025(Part-26)	4.0	No Relaxation	N.D.
8	Chloride (as Cl)	mg/L	IS:3025(Part-32):1988 RA 2019	250	1000	5.9
9	Copper (as Cu)	mg/L	IS:3025(Part-42):1992 RA 2019	0.05	1.5	N.D.
10	Fluoride (as F)	mg/L	IS:3025(Part-60):2008 RA 2019	1	1.5	0.05
11	Free Residual Chlorine	mg/L	IS:3025(Part-26):2021	0.2	1	N.D.
12	Iron (as Fe)	mg/L	IS:3025(Part-53):2003 RA 2019	0.3	No Relaxation	N.D.
13	Magnesium (as Mg)	mg/L	APHA 24 th Ed.2023,3500-Mg-B, 274	30	100	6.8
14	Manganese (as Mn)	mg/L	USEPA - SW - 846 : Method -7000B	0.1	0.3	N.D.
15	Mineral Oil	mg/L	Clause 6 of IS 3025 (Part-39) Infrared partition method	0.5	No Relaxation	N.D.



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

REPORT NO.: 02246

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	AS PER IS 10500:2012		RESULT
				Acceptable Limit	Permissible limit	
16	Nitrate (as NO ₃)	mg/L	APHA 24 th Ed.2023, 4500-NO3-B, 434-435	45	No Relaxation	1.12
17	Phenolic Compound (as C ₆ H ₅ OH)	mg/L	APHA 24 th Ed.2023, 6420-P-OH-C, 702	0.001	0.002	N.D.
18	Selenium (as Se)	mg/L	IS:3025(Part-56):2003	0.01	No Relaxation	N.D.
19	Silver (as Ag)	mg/L	APHA 24 th Ed.2023, 3500-Ag, 289	0.1	No Relaxation	N.D.
20	Sulphate (as SO ₄)	mg/L	IS:3025(Part-24/Sec.1):2022	200	400	4.36
21	Sulphide (as H ₂ S)	mg/L	IS:3025(Part 29):2023	0.05	No Relaxation	N.D.
22	Total Alkalinity (as CaCO ₃)	mg/L	IS:3025 (Part-23)-2023	200	600	44
23	Total Hardness (as CaCO ₃)	mg/L	IS:3025(Part-21):2009 RA 2019	200	600	52
24	Zinc (as Zn)	mg/L	IS:3025(Part-49):1994 RA 2019	5	15	N.D.
C. Parameters concerning toxic substances:-						
1	Cadmium (as Cd)	mg/L	IS:3025(Part-41):2023	0.003	No Relaxation	N.D.
2	Cyanide (as CN)	mg/L	APHA 24 th Ed.2023, 4500-CN--F, 374	0.05	No Relaxation	N.D.
3	Lead (as Pb)	mg/L	IS:3025(Part-47):1994 RA 2019	0.01	No Relaxation	N.D.
4	Mercury (as Hg)	mg/L	IS:3025(Part-48):1994 RA 2019	0.001	No Relaxation	N.D.
5	Molybdenum (as Mo)	mg/L	IS:3025(Part-2)	0.07	No Relaxation	N.D.
6	Nickel (as Ni)	mg/L	IS:3025(Part-54):2003 RA 2019	0.02	No Relaxation	N.D.
7	Polychlorinated biphenyls	mg/L	APHA 24 th Ed. 6431-PCB-B, 702	0.0005	No Relaxation	N.D.
8	Polynuclear aromatic hydrocarbons (as PAH)	mg/L	APHA 24 th Ed. 6440-PAH-B, 703	0.0001	No Relaxation	N.D.
9	Arsenic (as As)	mg/L	IS:3025(Part-37):2022	0.01	0.05	N.D.
10	Chromium (as Cr)	mg/L	IS:3025(Part-52):2003 RA 2019	0.05	No Relaxation	N.D.
11 Trihalomethanes:						
a)	Bromoform	mg/L	APHA 6232	0.1	No Relaxation	N.D.
b)	Dibromochloromethane	mg/L	APHA 6232	0.1	No Relaxation	N.D.
c)	Bromodichloromethane	mg/L	APHA 6232	0.06	No Relaxation	N.D.
d)	Chloroform	mg/L	APHA 6232	0.2	No Relaxation	N.D.
D. Pesticides:-						
1	Alpha HCH	µg/l	USEPA 508	0.01		N.D.
2	Beta HCH	µg/l	USEPA 508	0.04		N.D.
3	Delta HCH	µg/l	USEPA 508	0.04		N.D.
4	Alachlor	µg/l	USEPA 525.2, 507	20		N.D.
5	Aldrin / Dieldrin	µg/l	USEPA 508	0.03		N.D.
6	Atrazine	µg/l	USEPA 525.2, 8141 A	2		N.D.
7	Butachlor	µg/l	USEPA 525.2, 8141 A	125		N.D.



Ultimate
ENVIROLYTICAL SOLUTIONS PVT. LTD.

LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

REPORT NO.: 02246

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	AS PER IS 10500:2012		RESULT
				Acceptable Limit	Permissible limit	
8	Chlorpyrifos	µg/l	USEPA 525.2, 8141 A	30		N.D.
9	DDT (o,p and p, p- Isomers of DDT, DDE and DDD)	µg/l	USEPA 508	1		N.D.
10	Gamma HCH	µg/l	USEPA 508	2		N.D.
11	2,4-Dichlorophenoxyacetic Acid	µg/l	USEPA 515.1	30		N.D.
12	Endosulphan (alpha, beta and sulphate)	µg/l	USEPA 508	0.4		N.D.
13	Ethion	µg/l	USEPA 1657 A	3		N.D.
14	Isoproturon	µg/l	USEPA 532	9		N.D.
15	Malathion	µg/l	USEPA 8141 A	190		N.D.
16	Methyl Parathion	µg/l	USEPA 8141 A	0.3		N.D.
17	Monocrotophos	µg/l	USEPA 8141 A	1		N.D.
18	Phorate	µg/l	USEPA 8141 A	2		N.D.
E. Microbial Parameters						
1	Total Coliform	CFU/100ml	IS:15185:2016:RA:2021	Shall not be detectable in any 100ml sample		Absent
2	E. Coli	CFU/100ml	IS:15185:2016:RA:2021	Shall not be detectable in any 100ml sample		Absent

Note: mg/lit.: milligram per liter, N.D. – Not Detected

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

- The use of the report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(s) only.

 REVIEWED BY		For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD  AUTHORIZED SIGNATORY
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-----End of the test report-----



Ultimate
ENVIROLYTICAL SOLUTIONS PVT. LTD.

LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address of The Customer To, M/s DB Power Limited Village- Badadhara Dist.-Sakti (C.G) 495695	Report No.	UESPL/TR/25-26/02247	
	Lab Ref No.	UESPL/25-26/W/04519	
	Date of Sampling	15/09/2025	
	Date of Receipt	16/09/2025	
	Date of Report	20/09/2025	
	Date of analysis	Start: 16/09/2025	End: 20/09/2025
SAMPLE DETAILS			
Customer Sample Id /Sampling Location	DM Plant		
Customer Ref. No. & Date	8200006833, Dated: 22.07.2025		
Sample Type	Drinking Water		
Packing of Sample	Plastic Bottle (5.0 Ltr.) Glass Bottle (1.0 Ltr.)		
Sample Collected By	Laboratory Chemist		
Sample Condition at Receipt	Ok		

REPORT NO.: 02247

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	AS PER IS 10500:2012		RESULT
				Acceptable Limit	Permissible limit	
A.	Organoleptic & Physical Parameters					
1	Colour	Hazen	IS:3025(Part-4):2021	5	15	<1.0
2	Odour	-	IS:3025(Part-5):1983	Agreeable	Agreeable	Agreeable
3	pH Value at 25.2°C	-	IS:3025(Part-11):2022	6.5-8.5	No Relaxation	7.29
4	Taste	-	IS:3025(Part-8):2017	Agreeable	Agreeable	Agreeable
5	Turbidity	NTU	IS:3025(Part-10):2023	1	5	0.59
6	Total Dissolved Solids	mg/L	IS:3025(Part-16):2023	500	2000	78
B.	General Parameters Concerning Substances undesirable in excessive amounts					
1	Aluminium (as Al)	mg/L	IS:3025(Part-55):2003 RA 2019	0.03	0.2	N.D.
2	Ammonia (as total ammonia-N)	mg/L	APHA 24 th Ed.2023, 4500-NH ₃ -B&C, 424-425	0.5	No Relaxation	N.D.
3	Anionic Detergent (as MBAS)	mg/L	APHA 24 th Ed.2023, 5540-MBAS-C, 585	0.2	1.0	N.D.
4	Barium (as Ba)	mg/L	APHA 24 th Ed.2023,3500-Ba, 252	0.7	No Relaxation	N.D.
5	Boron (as B)	mg/L	APHA 24 th Ed.2023,4500-B-B, 328	0.5	1.0	N.D.
6	Calcium (as Ca)	mg/L	IS:3025(Part-40):1991 RA 2019	75	200	12.83
7	Chloramines (as Cl ₂)	mg/L	IS:3025(Part-26)	4.0	No Relaxation	N.D.
8	Chloride (as Cl)	mg/L	IS:3025(Part-32):1988 RA 2019	250	1000	2.9
9	Copper (as Cu)	mg/L	IS:3025(Part-42):1992 RA 2019	0.05	1.5	N.D.
10	Fluoride (as F)	mg/L	IS:3025(Part-60):2008 RA 2019	1	1.5	0.08
11	Free Residual Chlorine	mg/L	IS:3025(Part-26):2021	0.2	1	N.D.
12	Iron (as Fe)	mg/L	IS:3025(Part-53):2003 RA 2019	0.3	No Relaxation	N.D.
13	Magnesium (as Mg)	mg/L	APHA 24 th Ed.2023,3500-Mg-B, 274	30	100	6.32
14	Manganese (as Mn)	mg/L	USEPA - SW - 846 : Method -7000B	0.1	0.3	N.D.
15	Mineral Oil	mg/L	Clause 6 of IS 3025 (Part-39) Infrared partition method	0.5	No Relaxation	N.D.



Ultimate
ENVIROLYTICAL SOLUTIONS PVT. LTD.

LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

REPORT NO.: 02247

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	AS PER IS 10500:2012		RESULT
				Acceptable Limit	Permissible limit	
16	Nitrate (as NO ₃)	mg/L	APHA 24 th Ed.2023, 4500-NO3-B, 434-435	45	No Relaxation	0.94
17	Phenolic Compound (as C ₆ H ₅ OH)	mg/L	APHA 24 th Ed.2023, 6420-P-OH-C, 702	0.001	0.002	N.D.
18	Selenium (as Se)	mg/L	IS:3025 (Part-56):2003	0.01	No Relaxation	N.D.
19	Silver (as Ag)	mg/L	APHA 24 th Ed.2023, 3500-Ag, 289	0.1	No Relaxation	N.D.
20	Sulphate (as SO ₄)	mg/L	IS:3025 (Part-24/Sec.1):2022	200	400	4.89
21	Sulphide (as H ₂ S)	mg/L	IS:3025 (Part 29):2023	0.05	No Relaxation	N.D.
22	Total Alkalinity (as CaCO ₃)	mg/L	IS:3025 (Part-23)-2023	200	600	42
23	Total Hardness (as CaCO ₃)	mg/L	IS:3025 (Part-21):2009 RA 2019	200	600	58
24	Zinc (as Zn)	mg/L	IS:3025 (Part-49):1994 RA 2019	5	15	N.D.
C. Parameters concerning toxic substances:-						
1	Cadmium (as Cd)	mg/L	IS:3025 (Part-41):2023	0.003	No Relaxation	N.D.
2	Cyanide (as CN)	mg/L	APHA 24 th Ed.2023, 4500-CN-F, 374	0.05	No Relaxation	N.D.
3	Lead (as Pb)	mg/L	IS:3025 (Part-47):1994 RA 2019	0.01	No Relaxation	N.D.
4	Mercury (as Hg)	mg/L	IS:3025 (Part-48):1994 RA 2019	0.001	No Relaxation	N.D.
5	Molybdenum (as Mo)	mg/L	IS:3025 (Part-2)	0.07	No Relaxation	N.D.
6	Nickel (as Ni)	mg/L	IS:3025 (Part-54):2003 RA 2019	0.02	No Relaxation	N.D.
7	Polychlorinated biphenyls	mg/L	APHA 24 th Ed. 6431-PCB-B, 702	0.0005	No Relaxation	N.D.
8	Polynuclear aromatic hydrocarbons (as PAH)	mg/L	APHA 24 th Ed. 6440-PAH-B, 703	0.0001	No Relaxation	N.D.
9	Arsenic (as As)	mg/L	IS:3025 (Part-37):2022	0.01	0.05	N.D.
10	Chromium (as Cr)	mg/L	IS:3025 (Part-52):2003 RA 2019	0.05	No Relaxation	N.D.
11 Trihalomethanes:						
a)	Bromoform	mg/L	APHA 6232	0.1	No Relaxation	N.D.
b)	Dibromochloromethane	mg/L	APHA 6232	0.1	No Relaxation	N.D.
c)	Bromodichloromethane	mg/L	APHA 6232	0.06	No Relaxation	N.D.
d)	Chloroform	mg/L	APHA 6232	0.2	No Relaxation	N.D.
D. Pesticides:-						
1	Alpha HCH	µg/l	USEPA 508	0.01		N.D.
2	Beta HCH	µg/l	USEPA 508	0.04		N.D.
3	Delta HCH	µg/l	USEPA 508	0.04		N.D.
4	Alachlor	µg/l	USEPA 525.2, 507	20		N.D.
5	Aldrin / Dieldrin	µg/l	USEPA 508	0.03		N.D.
6	Atrazine	µg/l	USEPA 525.2, 8141 A	2		N.D.
7	Butachlor	µg/l	USEPA 525.2, 8141 A	125		N.D.



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2
Kabir Nagar, Raipur (C.G.) - 492099
LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

REPORT NO.: 02247

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	AS PER IS 10500:2012		RESULT
				Acceptable Limit	Permissible limit	
8	Chlorpyriphos	µg/l	USEPA 525.2, 8141 A	30		N.D.
9	DDT (o,p and p, p- Isomers of DDT, DDE and DDD)	µg/l	USEPA 508	1		N.D.
10	Gamma HCH	µg/l	USEPA 508	2		N.D.
11	2,4-Dichlorophenoxyacetic Acid	µg/l	USEPA 515.1	30		N.D.
12	Endosulphan (alpha, beta and sulphate)	µg/l	USEPA 508	0.4		N.D.
13	Ethion	µg/l	USEPA 1657 A	3		N.D.
14	Isoproturon	µg/l	USEPA 532	9		N.D.
15	Malathion	µg/l	USEPA 8141 A	190		N.D.
16	Methyl Parathion	µg/l	USEPA 8141 A	0.3		N.D.
17	Monocrotophos	µg/l	USEPA 8141 A	1		N.D.
18	Phorate	µg/l	USEPA 8141 A	2		N.D.
E. Microbial Parameters						
1	Total Coliform	CFU/100ml	IS:15185:2016:RA:2021	Shall not be detectable in any 100ml sample		Absent
2	E. Coli	CFU/100ml	IS:15185:2016:RA:2021	Shall not be detectable in any 100ml sample		Absent

Note: mg/lit.: milligram per liter, N.D. – Not Detected

REMARKS: RESULTS ARE AS ABOVE*Terms & conditions*

- The use of the report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(s) only.

 REVIEWED BY		For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD  AUTHORIZED SIGNATORY
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-----End of the test report-----



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2
Kabir Nagar, Raipur (C.G.) - 492099
LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address Of The Customer To, M/s DB Power Limited Village- Badadhara Dist.-Sakti (C.G) 495695	Report No.	UESPL/TR/25-26/02248	
	Lab Ref No.	UESPL/25-26/W/04520	
	Date of Sampling	15/09/2025	
	Date of Receipt	16/09/2025	
	Date of Report	20/09/2025	
	Date of analysis	Start: 16/09/2025	End: 20/09/2025
SAMPLE DETAILS			
Customer Sample Id /Sampling Location	Service Building		
Customer Ref. No. & Date	8200006833, Dated: 22.07.2025		
Sample Type	Drinking Water		
Packing of Sample	Plastic Bottle (5.0 Ltr.) Glass Bottle (1.0 Ltr.)		
Sample Collected By	Laboratory Chemist		
Sample Condition at Receipt	Ok		

REPORT NO.: 02248

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	AS PER IS 10500:2012		RESULT
				Acceptable Limit	Permissible limit	
A.	Organoleptic & Physical Parameters					
1	Colour	Hazen	IS:3025 (Part-4):2021	5	15	<1.0
2	Odour	-	IS:3025 (Part-5):1983	Agreeable	Agreeable	Agreeable
3	pH Value at 25.2°C	-	IS:3025 (Part-11):2022	6.5-8.5	No Relaxation	7.41
4	Taste	-	IS:3025 (Part-8):2017	Agreeable	Agreeable	Agreeable
5	Turbidity	NTU	IS:3025 (Part-10):2023	1	5	0.51
6	Total Dissolved Solids	mg/L	IS:3025 (Part-16):2023	500	2000	92
B.	General Parameters Concerning Substances undesirable in excessive amounts					
1	Aluminium (as Al)	mg/L	IS:3025 (Part-55):2003 RA 2019	0.03	0.2	N.D.
2	Ammonia (as total ammonia-N)	mg/L	APHA 24 th Ed.2023, 4500-NH ₃ -B&C, 424-425	0.5	No Relaxation	N.D.
3	Anionic Detergent (as MBAS)	mg/L	APHA 24 th Ed.2023, 5540-MBAS-C, 585	0.2	1.0	N.D.
4	Barium (as Ba)	mg/L	APHA 24 th Ed.2023, 3500-Ba, 252	0.7	No Relaxation	N.D.
5	Boron (as B)	mg/L	APHA 24 th Ed.2023, 4500-B-B, 328	0.5	1.0	N.D.
6	Calcium (as Ca)	mg/L	IS:3025 (Part-40):1991 RA 2019	75	200	16.83
7	Chloramines (as Cl ₂)	mg/L	IS:3025 (Part-26)	4.0	No Relaxation	N.D.
8	Chloride (as Cl)	mg/L	IS:3025 (Part-32):1988 RA 2019	250	1000	4.9
9	Copper (as Cu)	mg/L	IS:3025 (Part-42):1992 RA 2019	0.05	1.5	N.D.
10	Fluoride (as F)	mg/L	IS:3025 (Part-60):2008 RA 2019	1	1.5	0.09
11	Free Residual Chlorine	mg/L	IS:3025 (Part-26):2021	0.2	1	N.D.
12	Iron (as Fe)	mg/L	IS:3025 (Part-53):2003 RA 2019	0.3	No Relaxation	N.D.
13	Magnesium (as Mg)	mg/L	APHA 24 th Ed.2023, 3500-Mg-B, 274	30	100	7.29
14	Manganese (as Mn)	mg/L	USEPA - SW - 846 : Method -7000B	0.1	0.3	N.D.
15	Mineral Oil	mg/L	Clause 6 of IS 3025 (Part-39) Infrared partition method	0.5	No Relaxation	N.D.



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2
Kabir Nagar, Raipur (C.G.) - 492099
LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

REPORT NO.: 02248

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	AS PER IS 10500:2012		RESULT
				Acceptable Limit	Permissible limit	
16	Nitrate (as NO ₃)	mg/L	APHA 24 th Ed.2023, 4500-NO ₃ -B, 434-435	45	No Relaxation	1.22
17	Phenolic Compound (as C ₆ H ₅ OH)	mg/L	APHA 24 th Ed.2023, 6420-P-OH-C, 702	0.001	0.002	N.D.
18	Selenium (as Se)	mg/L	IS:3025 (Part-56):2003	0.01	No Relaxation	N.D.
19	Silver (as Ag)	mg/L	APHA 24 th Ed.2023, 3500-Ag, 289	0.1	No Relaxation	N.D.
20	Sulphate (as SO ₄)	mg/L	IS:3025 (Part-24/Sec.1):2022	200	400	3.69
21	Sulphide (as H ₂ S)	mg/L	IS:3025 (Part 29):2023	0.05	No Relaxation	N.D.
22	Total Alkalinity (as CaCO ₃)	mg/L	IS:3025 (Part-23)-2023	200	600	50
23	Total Hardness (as CaCO ₃)	mg/L	IS:3025 (Part-21):2009 RA 2019	200	600	72
24	Zinc (as Zn)	mg/L	IS:3025 (Part-49):1994 RA 2019	5	15	N.D.
C.	Parameters concerning toxic substances:-					
1	Cadmium (as Cd)	mg/L	IS:3025 (Part-41):2023	0.003	No Relaxation	N.D.
2	Cyanide (as CN)	mg/L	APHA 24 th Ed.2023, 4500-CN--F, 374	0.05	No Relaxation	N.D.
3	Lead (as Pb)	mg/L	IS:3025 (Part-47):1994 RA 2019	0.01	No Relaxation	N.D.
4	Mercury (as Hg)	mg/L	IS:3025 (Part-48):1994 RA 2019	0.001	No Relaxation	N.D.
5	Molybdenum (as Mo)	mg/L	IS:3025 (Part-2)	0.07	No Relaxation	N.D.
6	Nickel (as Ni)	mg/L	IS:3025 (Part-54):2003 RA 2019	0.02	No Relaxation	N.D.
7	Polychlorinated biphenyls	mg/L	APHA 24 th Ed. 6431-PCB-B, 702	0.0005	No Relaxation	N.D.
8	Polynuclear aromatic hydrocarbons (as PAH)	mg/L	APHA 24 th Ed. 6440-PAH-B, 703	0.0001	No Relaxation	N.D.
9	Arsenic (as As)	mg/L	IS:3025 (Part-37):2022	0.01	0.05	N.D.
10	Chromium (as Cr)	mg/L	IS:3025 (Part-52):2003 RA 2019	0.05	No Relaxation	N.D.
11	Trihalomethanes:					
a)	Bromoform	mg/L	APHA 6232	0.1	No Relaxation	N.D.
b)	Dibromochloromethane	mg/L	APHA 6232	0.1	No Relaxation	N.D.
c)	Bromodichloromethane	mg/L	APHA 6232	0.06	No Relaxation	N.D.
d)	Chloroform	mg/L	APHA 6232	0.2	No Relaxation	N.D.
D.	Pesticides:-					
1	Alpha HCH	µg/l	USEPA 508	0.01		N.D.
2	Beta HCH	µg/l	USEPA 508	0.04		N.D.
3	Delta HCH	µg/l	USEPA 508	0.04		N.D.
4	Alachlor	µg/l	USEPA 525.2, 507	20		N.D.
5	Aldrin / Dieldrin	µg/l	USEPA 508	0.03		N.D.
6	Atrazine	µg/l	USEPA 525.2, 8141 A	2		N.D.
7	Butachlor	µg/l	USEPA 525.2, 8141 A	125		N.D.



Ultimate
ENVIROLYTICAL SOLUTIONS PVT. LTD.

LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

REPORT NO.: 02248

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	AS PER IS 10500:2012		RESULT
				Acceptable Limit	Permissible limit	
8	Chlorpyriphos	µg/l	USEPA 525.2,8141 A	30		N.D.
9	DDT (o,p and p, p- Isomers of DDT, DDE and DDD)	µg/l	USEPA 508	1		N.D.
10	Gamma HCH	µg/l	USEPA 508	2		N.D.
11	2,4-Dichlorophenoxyacetic Acid	µg/l	USEPA 515.1	30		N.D.
12	Endosulphan (alpha, beta and sulphate)	µg/l	USEPA 508	0.4		N.D.
13	Ethion	µg/l	USEPA 1657 A	3		N.D.
14	Isoproturon	µg/l	USEPA 532	9		N.D.
15	Malathion	µg/l	USEPA 8141 A	190		N.D.
16	Methyl Parathion	µg/l	USEPA 8141 A	0.3		N.D.
17	Monocrotophos	µg/l	USEPA 8141 A	1		N.D.
18	Phorate	µg/l	USEPA 8141 A	2		N.D.
E. Microbial Parameters						
1	Total Coliform	CFU/100ml	IS:15185:2016:RA:2021	Shall not be detectable in any 100ml sample		Absent
2	E. Coli	CFU/100ml	IS:15185:2016:RA:2021	Shall not be detectable in any 100ml sample		Absent

Note: mg/lit.: milligram per liter, N.D. – Not Detected

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

- The use of the report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(s) only.

 REVIEWED BY		<p>For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD</p>  AUTHORIZED SIGNATORY
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-----End of the test report-----



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2
Kabir Nagar, Raipur (C.G.) - 492099
LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address of The Customer To, M/s DB Power Limited Village- Badadhara Dist.-Sakti (C.G) 495695	Report No.	UESPL/TR/25-26/02249	
	Lab Ref No.	UESPL/25-26/W/04521	
	Date of Sampling	15/09/2025	
	Date of Receipt	16/09/2025	
	Date of Report	20/09/2025	
	Date of analysis	Start: 16/09/2025	End: 20/09/2025
SAMPLE DETAILS			
Customer Sample Id /Sampling Location	Mine Water Tank		
Customer Ref. No. & Date	8200006833, Dated: 22.07.2025		
Sample Type	Drinking Water		
Packing of Sample	Plastic Bottle (5.0 Ltr.) Glass Bottle (1.0 Ltr.)		
Sample Collected By	Laboratory Chemist		
Sample Condition at Receipt	Ok		

REPORT NO.: 02249

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	AS PER IS 10500:2012		RESULT
				Acceptable Limit	Permissible limit	
A.	Organoleptic & Physical Parameters					
1	Colour	Hazen	IS:3025 (Part-4):2021	5	15	<1.0
2	Odour	-	IS:3025 (Part-5):1983	Agreeable	Agreeable	Agreeable
3	pH Value at 25.2°C	-	IS:3025 (Part-11):2022	6.5-8.5	No Relaxation	7.36
4	Taste	-	IS:3025 (Part-8):2017	Agreeable	Agreeable	Agreeable
5	Turbidity	NTU	IS:3025 (Part-10):2023	1	5	0.39
6	Total Dissolved Solids	mg/L	IS:3025 (Part-16):2023	500	2000	92
B.	General Parameters Concerning Substances undesirable in excessive amounts					
1	Aluminium (as Al)	mg/L	IS:3025 (Part-55):2003 RA 2019	0.03	0.2	N.D.
2	Ammonia (as total ammonia-N)	mg/L	APHA 24 th Ed.2023, 4500-NH ₃ -B&C, 424-425	0.5	No Relaxation	N.D.
3	Anionic Detergent (as MBAS)	mg/L	APHA 24 th Ed.2023, 5540-MBAS-C, 585	0.2	1.0	N.D.
4	Barium (as Ba)	mg/L	APHA 24 th Ed.2023, 3500-Ba, 252	0.7	No Relaxation	N.D.
5	Boron (as B)	mg/L	APHA 24 th Ed.2023, 4500-B-B, 328	0.5	1.0	N.D.
6	Calcium (as Ca)	mg/L	IS:3025 (Part-40):1991 RA 2019	75	200	13.63
7	Chloramines (as Cl ₂)	mg/L	IS:3025 (Part-26)	4.0	No Relaxation	N.D.
8	Chloride (as Cl)	mg/L	IS:3025 (Part-32):1988 RA 2019	250	1000	6.9
9	Copper (as Cu)	mg/L	IS:3025 (Part-42):1992 RA 2019	0.05	1.5	N.D.
10	Fluoride (as F)	mg/L	IS:3025 (Part-60):2008 RA 2019	1	1.5	0.07
11	Free Residual Chlorine	mg/L	IS:3025 (Part-26):2021	0.2	1	N.D.
12	Iron (as Fe)	mg/L	IS:3025 (Part-53):2003 RA 2019	0.3	No Relaxation	N.D.
13	Magnesium (as Mg)	mg/L	APHA 24 th Ed.2023, 3500-Mg-B, 274	30	100	7.78
14	Manganese (as Mn)	mg/L	USEPA - SW - 846 : Method -7000B	0.1	0.3	N.D.
15	Mineral Oil	mg/L	Clause 6 of IS 3025 (Part-39) Infrared partition method	0.5	No Relaxation	N.D.



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

REPORT NO.: 02249

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	AS PER IS 10500:2012		RESULT
				Acceptable Limit	Permissible limit	
16	Nitrate (as NO ₃)	mg/L	APHA 24 th Ed.2023, 4500-NO3-B, 434-435	45	No Relaxation	0.69
17	Phenolic Compound (as C ₆ H ₅ OH)	mg/L	APHA 24 th Ed.2023, 6420-P-OH-C, 702	0.001	0.002	N.D.
18	Selenium (as Se)	mg/L	IS:3025 (Part-56):2003	0.01	No Relaxation	N.D.
19	Silver (as Ag)	mg/L	APHA 24 th Ed.2023, 3500-Ag, 289	0.1	No Relaxation	N.D.
20	Sulphate (as SO ₄)	mg/L	IS:3025 (Part-24/Sec.1):2022	200	400	4.61
21	Sulphide (as H ₂ S)	mg/L	IS:3025 (Part 29):2023	0.05	No Relaxation	N.D.
22	Total Alkalinity (as CaCO ₃)	mg/L	IS:3025 (Part-23)-2023	200	600	52
23	Total Hardness (as CaCO ₃)	mg/L	IS:3025 (Part-21):2009 RA 2019	200	600	66
24	Zinc (as Zn)	mg/L	IS:3025 (Part-49):1994 RA 2019	5	15	N.D.
C. Parameters concerning toxic substances:-						
1	Cadmium (as Cd)	mg/L	IS:3025 (Part-41):2023	0.003	No Relaxation	N.D.
2	Cyanide (as CN)	mg/L	APHA 24 th Ed.2023, 4500-CN--F, 374	0.05	No Relaxation	N.D.
3	Lead (as Pb)	mg/L	IS:3025 (Part-47):1994 RA 2019	0.01	No Relaxation	N.D.
4	Mercury (as Hg)	mg/L	IS:3025 (Part-48):1994 RA 2019	0.001	No Relaxation	N.D.
5	Molybdenum (as Mo)	mg/L	IS:3025 (Part-2)	0.07	No Relaxation	N.D.
6	Nickel (as Ni)	mg/L	IS:3025 (Part-54):2003 RA 2019	0.02	No Relaxation	N.D.
7	Polychlorinated biphenyls	mg/L	APHA 24 th Ed. 6431-PCB-B, 702	0.0005	No Relaxation	N.D.
8	Polynuclear aromatic hydrocarbons (as PAH)	mg/L	APHA 24 th Ed. 6440-PAH-B, 703	0.0001	No Relaxation	N.D.
9	Arsenic (as As)	mg/L	IS:3025 (Part-37):2022	0.01	0.05	N.D.
10	Chromium (as Cr)	mg/L	IS:3025 (Part-52):2003 RA 2019	0.05	No Relaxation	N.D.
11 Trihalomethanes:						
a)	Bromoform	mg/L	APHA 6232	0.1	No Relaxation	N.D.
b)	Dibromochloromethane	mg/L	APHA 6232	0.1	No Relaxation	N.D.
c)	Bromodichloromethane	mg/L	APHA 6232	0.06	No Relaxation	N.D.
d)	Chloroform	mg/L	APHA 6232	0.2	No Relaxation	N.D.
D. Pesticides:-						
1	Alpha HCH	µg/l	USEPA 508	0.01		N.D.
2	Beta HCH	µg/l	USEPA 508	0.04		N.D.
3	Delta HCH	µg/l	USEPA 508	0.04		N.D.
4	Alachlor	µg/l	USEPA 525.2, 507	20		N.D.
5	Aldrin / Dieldrin	µg/l	USEPA 508	0.03		N.D.
6	Atrazine	µg/l	USEPA 525.2, 8141 A	2		N.D.
7	Butachlor	µg/l	USEPA 525.2, 8141 A	125		N.D.



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2
Kabir Nagar, Raipur (C.G.) - 492099
LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

REPORT NO.: 02249

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	AS PER IS 10500:2012		RESULT
				Acceptable Limit	Permissible limit	
8	Chlorpyriphos	µg/l	USEPA 525.2, 8141 A	30		N.D.
9	DDT (o,p and p, p- Isomers of DDT, DDE and DDD)	µg/l	USEPA 508	1		N.D.
10	Gamma HCH	µg/l	USEPA 508	2		N.D.
11	2,4-Dichlorophenoxyacetic Acid	µg/l	USEPA 515.1	30		N.D.
12	Endosulphan (alpha, beta and sulphate)	µg/l	USEPA 508	0.4		N.D.
13	Ethion	µg/l	USEPA 1657 A	3		N.D.
14	Isoproturon	µg/l	USEPA 532	9		N.D.
15	Malathion	µg/l	USEPA 8141 A	190		N.D.
16	Methyl Parathion	µg/l	USEPA 8141 A	0.3		N.D.
17	Monocrotophos	µg/l	USEPA 8141 A	1		N.D.
18	Phorate	µg/l	USEPA 8141 A	2		N.D.
E. Microbial Parameters						
1	Total Coliform	CFU/100ml	IS:15185:2016:RA:2021	Shall not be detectable in any 100ml sample		Absent
2	E. Coli	CFU/100ml	IS:15185:2016:RA:2021	Shall not be detectable in any 100ml sample		Absent

Note: mg/lit.: milligram per liter, N.D. – Not Detected

REMARKS: RESULTS ARE AS ABOVE*Terms & conditions*

- The use of the report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(s) only.

 REVIEWED BY		For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD  AUTHORIZED SIGNATORY
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-----End of the test report-----



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2
Kabir Nagar, Raipur (C.G.) - 492099
LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address Of The Customer To, M/s DB Power Limited Village- Badadhara Dist.-Sakti (C.G) 495695	Report No.	UESPL/TR/25-26/02250	
	Lab Ref No.	UESPL/25-26/W/04522	
	Date of Sampling	15/09/2025	
	Date of Receipt	16/09/2025	
	Date of Report	20/09/2025	
	Date of analysis	Start: 16/09/2025	End: 20/09/2025
SAMPLE DETAILS			
Customer Sample Id /Sampling Location	Wagon Tipper CHP		
Customer Ref. No. & Date	8200006833, Dated: 22.07.2025		
Sample Type	Drinking Water		
Packing of Sample	Plastic Bottle (5.0 Ltr.) Glass Bottle (1.0 Ltr.)		
Sample Collected By	Laboratory Chemist		
Sample Condition at Receipt	Ok		

REPORT NO.: 02250

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	AS PER IS 10500:2012		RESULT
				Acceptable Limit	Permissible limit	
A.	Organoleptic & Physical Parameters					
1	Colour	Hazen	IS:3025 (Part-4):2021	5	15	<1.0
2	Odour	-	IS:3025 (Part-5):1983	Agreeable	Agreeable	Agreeable
3	pH Value at 25.2°C	-	IS:3025 (Part-11):2022	6.5-8.5	No Relaxation	7.22
4	Taste	-	IS:3025 (Part-8):2017	Agreeable	Agreeable	Agreeable
5	Turbidity	NTU	IS:3025 (Part-10):2023	1	5	0.44
6	Total Dissolved Solids	mg/L	IS:3025 (Part-16):2023	500	2000	84
B.	General Parameters Concerning Substances undesirable in excessive amounts					
1	Aluminium (as Al)	mg/L	IS:3025 (Part-55):2003 RA 2019	0.03	0.2	N.D.
2	Ammonia (as total ammonia-N)	mg/L	APHA 24 th Ed.2023, 4500-NH ₃ -B&C, 424-425	0.5	No Relaxation	N.D.
3	Anionic Detergent (as MBAS)	mg/L	APHA 24 th Ed.2023, 5540-MBAS-C, 585	0.2	1.0	N.D.
4	Barium (as Ba)	mg/L	APHA 24 th Ed.2023,3500-Ba, 252	0.7	No Relaxation	N.D.
5	Boron (as B)	mg/L	APHA 24 th Ed.2023,4500-B-B, 328	0.5	1.0	N.D.
6	Calcium (as Ca)	mg/L	IS:3025 (Part-40):1991 RA 2019	75	200	12.83
7	Chloramines (as Cl ₂)	mg/L	IS:3025 (Part-26)	4.0	No Relaxation	N.D.
8	Chloride (as Cl)	mg/L	IS:3025 (Part-32):1988 RA 2019	250	1000	4.9
9	Copper (as Cu)	mg/L	IS:3025 (Part-42):1992 RA 2019	0.05	1.5	N.D.
10	Fluoride (as F)	mg/L	IS:3025 (Part-60):2008 RA 2019	1	1.5	0.04
11	Free Residual Chlorine	mg/L	IS:3025 (Part-26):2021	0.2	1	N.D.
12	Iron (as Fe)	mg/L	IS:3025 (Part-53):2003 RA 2019	0.3	No Relaxation	N.D.
13	Magnesium (as Mg)	mg/L	APHA 24 th Ed.2023,3500-Mg-B, 274	30	100	8.75
14	Manganese (as Mn)	mg/L	USEPA - SW - 846 : Method -7000B	0.1	0.3	N.D.
15	Mineral Oil	mg/L	Clause 6 of IS 3025 (Part-39) Infrared partition method	0.5	No Relaxation	N.D.



Ultimate
ENVIROLYTICAL SOLUTIONS PVT. LTD.

LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

REPORT NO.: 02250

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	AS PER IS 10500:2012		RESULT
				Acceptable Limit	Permissible limit	
16	Nitrate (as NO ₃)	mg/L	APHA 24 th Ed.2023, 4500-NO3-B, 434-435	45	No Relaxation	1.25
17	Phenolic Compound (as C ₆ H ₅ OH)	mg/L	APHA 24 th Ed.2023, 6420-P-OH-C, 702	0.001	0.002	N.D.
18	Selenium (as Se)	mg/L	IS:3025(Part-56):2003	0.01	No Relaxation	N.D.
19	Silver (as Ag)	mg/L	APHA 24 th Ed.2023, 3500-Ag, 289	0.1	No Relaxation	N.D.
20	Sulphate (as SO ₄)	mg/L	IS:3025(Part-24/Sec.1):2022	200	400	5.92
21	Sulphide (as H ₂ S)	mg/L	IS:3025(Part 29):2023	0.05	No Relaxation	N.D.
22	Total Alkalinity (as CaCO ₃)	mg/L	IS:3025 (Part-23)-2023	200	600	48
23	Total Hardness (as CaCO ₃)	mg/L	IS:3025(Part-21):2009 RA 2019	200	600	68
24	Zinc (as Zn)	mg/L	IS:3025(Part-49):1994 RA 2019	5	15	N.D.
C. Parameters concerning toxic substances:-						
1	Cadmium (as Cd)	mg/L	IS:3025(Part-41):2023	0.003	No Relaxation	N.D.
2	Cyanide (as CN)	mg/L	APHA 24 th Ed.2023, 4500-CN--F, 374	0.05	No Relaxation	N.D.
3	Lead (as Pb)	mg/L	IS:3025(Part-47):1994 RA 2019	0.01	No Relaxation	N.D.
4	Mercury (as Hg)	mg/L	IS:3025(Part-48):1994 RA 2019	0.001	No Relaxation	N.D.
5	Molybdenum (as Mo)	mg/L	IS:3025(Part-2)	0.07	No Relaxation	N.D.
6	Nickel (as Ni)	mg/L	IS:3025(Part-54):2003 RA 2019	0.02	No Relaxation	N.D.
7	Polychlorinated biphenyls	mg/L	APHA 24 th Ed. 6431-PCB-B, 702	0.0005	No Relaxation	N.D.
8	Polynuclear aromatic hydrocarbons (as PAH)	mg/L	APHA 24 th Ed. 6440-PAH-B, 703	0.0001	No Relaxation	N.D.
9	Arsenic (as As)	mg/L	IS:3025(Part-37):2022	0.01	0.05	N.D.
10	Chromium (as Cr)	mg/L	IS:3025(Part-52):2003 RA 2019	0.05	No Relaxation	N.D.
11 Trihalomethanes:						
a)	Bromoform	mg/L	APHA 6232	0.1	No Relaxation	N.D.
b)	Dibromochloromethane	mg/L	APHA 6232	0.1	No Relaxation	N.D.
c)	Bromodichloromethane	mg/L	APHA 6232	0.06	No Relaxation	N.D.
d)	Chloroform	mg/L	APHA 6232	0.2	No Relaxation	N.D.
D. Pesticides:-						
1	Alpha HCH	µg/l	USEPA 508	0.01		N.D.
2	Beta HCH	µg/l	USEPA 508	0.04		N.D.
3	Delta HCH	µg/l	USEPA 508	0.04		N.D.
4	Alachlor	µg/l	USEPA 525.2, 507	20		N.D.
5	Aldrin / Dieldrin	µg/l	USEPA 508	0.03		N.D.
6	Atrazine	µg/l	USEPA 525.2, 8141 A	2		N.D.
7	Butachlor	µg/l	USEPA 525.2, 8141 A	125		N.D.



Ultimate
ENVIROLYTICAL SOLUTIONS PVT. LTD.

LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

REPORT NO.: 02250

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	AS PER IS 10500:2012		RESULT
				Acceptable Limit	Permissible limit	
8	Chlorpyrifos	µg/l	USEPA 525.2, 8141 A	30		N.D.
9	DDT (o,p and p, p- Isomers of DDT, DDE and DDD)	µg/l	USEPA 508	1		N.D.
10	Gamma HCH	µg/l	USEPA 508	2		N.D.
11	2,4-Dichlorophenoxyacetic Acid	µg/l	USEPA 515.1	30		N.D.
12	Endosulphan (alpha, beta and sulphate)	µg/l	USEPA 508	0.4		N.D.
13	Ethion	µg/l	USEPA 1657 A	3		N.D.
14	Isoproturon	µg/l	USEPA 532	9		N.D.
15	Malathion	µg/l	USEPA 8141 A	190		N.D.
16	Methyl Parathion	µg/l	USEPA 8141 A	0.3		N.D.
17	Monocrotophos	µg/l	USEPA 8141 A	1		N.D.
18	Phorate	µg/l	USEPA 8141 A	2		N.D.
E. Microbial Parameters						
1	Total Coliform	CFU/100ml	IS:15185:2016:RA:2021	Shall not be detectable in any 100ml sample		Absent
2	E. Coli	CFU/100ml	IS:15185:2016:RA:2021	Shall not be detectable in any 100ml sample		Absent

Note: mg/lit.: milligram per liter, N.D. – Not Detected

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

- The use of the report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(s) only.

 REVIEWED BY		For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD  AUTHORIZED SIGNATORY
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-----End of the test report-----



Ultimate
ENVIROLYTICAL SOLUTIONS PVT. LTD.

LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address Of The Customer To, M/s DB Power Limited Village- Badadhara Dist.-Sakti (C.G) 495695	Report No.	UESPL/TR/25-26/02251	
	Lab Ref No.	UESPL/25-26/W/04523	
	Date of Sampling	17/09/2025	
	Date of Receipt	18/09/2025	
	Date of Report	22/09/2025	
	Date of analysis	Start: 18/09/2025	End: 22/09/2025
SAMPLE DETAILS			
Customer Sample Id /Sampling Location	Near – Tundri Village (Borewell Water)		
Customer Ref. No. & Date	8200006833, Dated: 22.07.2025		
Sample Type	Ground Water		
Packing of Sample	Plastic Bottle (5.0 Ltr.) Glass Bottle (1.0 Ltr.)		
Sample Collected By	Laboratory Chemist		
Sample Condition at Receipt	Ok		

REPORT NO.: 02251

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	RESULT
A.	Organoleptic & Physical Parameters			
1	Colour	Hazen	IS:3025 (Part-4):2021	<1.0
2	Odour	-	IS:3025 (Part-5):1983	Agreeable
3	pH Value at 25.2°C	-	IS:3025 (Part-11):2022	7.26
4	Taste	-	IS:3025 (Part-8):2017	<1.0
5	Turbidity	NTU	IS:3025 (Part-10):2023	0.29
6	Total Dissolved Solids	mg/L	IS:3025 (Part-16):2023	172
B.	General Parameters Concerning Substances undesirable in excessive amounts			
1	Aluminium (as Al)	mg/L	IS:3025 (Part-55):2003 RA 2019	N.D.
2	Ammonia (as total ammonia-N)	mg/L	APHA 24 th Ed.2023, 4500-NH ₃ -B&C, 424-425	N.D.
3	Anionic Detergent (as MBAS)	mg/L	APHA 24 th Ed.2023, 5540-MBAS-C, 585	N.D.
4	Barium (as Ba)	mg/L	APHA 24 th Ed.2023, 3500-Ba, 252	N.D.
5	Boron (as B)	mg/L	APHA 24 th Ed.2023, 4500-B-B, 328	N.D.
6	Calcium (as Ca)	mg/L	IS:3025 (Part-40):1991 RA 2019	25.65
7	Chloramines (as Cl ₂)	mg/L	IS:3025 (Part-26)	N.D.
8	Chloride (as Cl)	mg/L	IS:3025 (Part-32):1988 RA 2019	28.9
9	Copper (as Cu)	mg/L	IS:3025 (Part-42):1992 RA 2019	N.D.
10	Fluoride (as F)	mg/L	IS:3025 (Part-60):2008 RA 2019	0.09
11	Free Residual Chlorine	mg/L	IS:3025 (Part-26):2021	N.D.
12	Iron (as Fe)	mg/L	IS:3025 (Part-53):2003 RA 2019	N.D.
13	Magnesium (as Mg)	mg/L	APHA 24 th Ed.2023, 3500-Mg-B, 274	12.4
14	Manganese (as Mn)	mg/L	USEPA - SW - 846 : Method -7000B	N.D.
15	Mineral Oil	mg/L	Clause 6 of IS 3025 (Part-39) Infrared partition method	N.D.
16	Nitrate (as NO ₃)	mg/L	APHA 24 th Ed.2023, 4500-NO ₃ -B, 434-435	3.59
17	Phenolic Compound (as C ₆ H ₅ OH)	mg/L	APHA 24 th Ed.2023, 6420-P-OH-C, 702	N.D.
18	Selenium (as Se)	mg/L	IS:3025 (Part-56):2003	N.D.
19	Silver (as Ag)	mg/L	APHA 24 th Ed.2023, 3500-Ag, 289	N.D.
20	Sulphate (as SO ₄)	mg/L	IS:3025 (Part-24/Sec.1):2022	17.52
21	Sulphide (as H ₂ S)	mg/L	IS:3025 (Part 29):2023	N.D.
22	Total Alkalinity (as CaCO ₃)	mg/L	IS:3025 (Part-23)-2023	68
23	Total Hardness (as CaCO ₃)	mg/L	IS:3025 (Part-21):2009 RA 2019	116
24	Zinc (as Zn)	mg/L	IS:3025 (Part-49):1994 RA 2019	N.D.
C.	Parameters concerning toxic substances:-			
1	Cadmium (as Cd)	mg/L	IS:3025 (Part-41):2023	N.D.
2	Cyanide (as CN)	mg/L	APHA 24 th Ed.2023, 4500-CN--F, 374	N.D.
3	Lead (as Pb)	mg/L	IS:3025 (Part-47):1994 RA 2019	N.D.
4	Mercury (as Hg)	mg/L	IS:3025 (Part-48):1994 RA 2019	N.D.
5	Molybdenum (as Mo)	mg/L	IS:3025 (Part-2)	N.D.



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

REPORT NO.: 02251

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	RESULT
6	Nickel (as Ni)	mg/L	IS:3025(Part-54):2003 RA 2019	N.D.
7	Polychlorinated biphenyls	mg/L	APHA 24 th Ed. 6431-PCB-B, 702	N.D.
8	Polynuclear aromatic hydrocarbons (as PAH)	mg/L	APHA 24 th Ed. 6440-PAH-B, 703	N.D.
9	Arsenic (as As)	mg/L	IS:3025(Part-37):2022	N.D.
10	Chromium (as Cr)	mg/L	IS:3025(Part-52):2003 RA 2019	N.D.
11	Trihalomethanes:			
a)	Bromoform	mg/L	APHA 6232	N.D.
b)	Dibromochloromethane	mg/L	APHA 6232	N.D.
c)	Bromodichloromethane	mg/L	APHA 6232	N.D.
d)	Chloroform	mg/L	APHA 6232	N.D.
D.	Pesticides:-			
1	Alpha HCH	µg/l	USEPA 508	N.D.
2	Beta HCH	µg/l	USEPA 508	N.D.
3	Delta HCH	µg/l	USEPA 508	N.D.
4	Alachlor	µg/l	USEPA 525.2, 507	N.D.
5	Aldrin / Dieldrin	µg/l	USEPA 508	N.D.
6	Atrazine	µg/l	USEPA 525.2, 8141 A	N.D.
7	Butachlor	µg/l	USEPA 525.2, 8141 A	N.D.
8	Chlorpyrifos	µg/l	USEPA 525.2, 8141 A	N.D.
9	DDT (o,p and p, p-Isomers of DDT, DDE and DDD)	µg/l	USEPA 508	N.D.
10	Gamma HCH	µg/l	USEPA 508	N.D.
11	2,4-Dichlorophenoxyacetic Acid	µg/l	USEPA 515.1	N.D.
12	Endosulphan (alpha, beta and sulphate)	µg/l	USEPA 508	N.D.
13	Ethion	µg/l	USEPA 1657 A	N.D.
14	Isoproturon	µg/l	USEPA 532	N.D.
15	Malathion	µg/l	USEPA 8141 A	N.D.
16	Methyl Parathion	µg/l	USEPA 8141 A	N.D.
17	Monocrotophos	µg/l	USEPA 8141 A	N.D.
18	Phorate	µg/l	USEPA 8141 A	N.D.
E.	Microbial Parameters			
1	Total Coliform	MPN/100ml	IS:1622:1981:RA:2019	Absent
2	E. Coli	MPN/100ml	IS:1622:1981:RA:2019	Absent

Note: mg/lit.: milligram per liter, N.D. - Not Detected

REMARKS: RESULTS ARE AS ABOVE*Terms & conditions*

- The use of the report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(s) only.

 REVIEWED BY		For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD  AUTHORIZED SIGNATORY
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-----End of the test report-----



Ultimate
ENVIROLYTICAL SOLUTIONS PVT. LTD.

LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address Of The Customer		Report No.	UESPL/TR/25-26/02252
To, M/s DB Power Limited Village- Badadharha Dist.-Sakti (C.G) 495695		Lab Ref No.	UESPL/25-26/W/04524
		Date of Sampling	17/09/2025
		Date of Receipt	18/09/2025
		Date of Report	22/09/2025
		Date of analysis	Start: 18/09/2025 End: 22/09/2025
SAMPLE DETAILS			
Customer Sample Id /Sampling Location		Near – Badadarha Village (Borewell Water)	
Customer Ref. No. & Date		8200006833, Dated: 22.07.2025	
Sample Type		Ground Water	
Packing of Sample		Plastic Bottle (5.0 Ltr.) Glass Bottle (1.0 Ltr.)	
Sample Collected By		Laboratory Chemist	
Sample Condition at Receipt		Ok	

REPORT NO.: 02252

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	RESULT
A. Organoleptic & Physical Parameters				
1	Colour	Hazen	IS:3025 (Part-4):2021	<1.0
2	Odour	-	IS:3025 (Part-5):1983	Agreeable
3	pH Value at 25.2°C	-	IS:3025 (Part-11):2022	7.31
4	Taste	-	IS:3025 (Part-8):2017	<1.0
5	Turbidity	NTU	IS:3025 (Part-10):2023	0.42
6	Total Dissolved Solids	mg/L	IS:3025 (Part-16):2023	212
B. General Parameters Concerning Substances undesirable in excessive amounts				
1	Aluminium (as Al)	mg/L	IS:3025 (Part-55):2003 RA 2019	N.D.
2	Ammonia (as total ammonia-N)	mg/L	APHA 24 th Ed.2023, 4500-NH ₃ -B&C, 424-425	N.D.
3	Anionic Detergent (as MBAS)	mg/L	APHA 24 th Ed.2023, 5540-MBAS-C, 585	N.D.
4	Barium (as Ba)	mg/L	APHA 24 th Ed.2023, 3500-Ba, 252	N.D.
5	Boron (as B)	mg/L	APHA 24 th Ed.2023, 4500-B-B, 328	N.D.
6	Calcium (as Ca)	mg/L	IS:3025 (Part-40):1991 RA 2019	32.87
7	Chloramines (as Cl ₂)	mg/L	IS:3025 (Part-26)	N.D.
8	Chloride (as Cl)	mg/L	IS:3025 (Part-32):1988 RA 2019	19.9
9	Copper (as Cu)	mg/L	IS:3025 (Part-42):1992 RA 2019	N.D.
10	Fluoride (as F)	mg/L	IS:3025 (Part-60):2008 RA 2019	0.06
11	Free Residual Chlorine	mg/L	IS:3025 (Part-26):2021	N.D.
12	Iron (as Fe)	mg/L	IS:3025 (Part-53):2003 RA 2019	N.D.
13	Magnesium (as Mg)	mg/L	APHA 24 th Ed.2023, 3500-Mg-B, 274	13.12
14	Manganese (as Mn)	mg/L	USEPA - SW - 846 : Method -7000B	N.D.
15	Mineral Oil	mg/L	Clause 6 of IS 3025 (Part-39) Infrared partition method	N.D.
16	Nitrate (as NO ₃)	mg/L	APHA 24 th Ed.2023, 4500-NO ₃ -B, 434-435	3.87
17	Phenolic Compound (as C ₆ H ₅ OH)	mg/L	APHA 24 th Ed.2023, 6420-P-OH-C, 702	N.D.
18	Selenium (as Se)	mg/L	IS:3025 (Part-56):2003	N.D.
19	Silver (as Ag)	mg/L	APHA 24 th Ed.2023, 3500-Ag, 289	N.D.
20	Sulphate (as SO ₄)	mg/L	IS:3025 (Part-24/Sec.1):2022	21.14
21	Sulphide (as H ₂ S)	mg/L	IS:3025 (Part 29):2023	N.D.
22	Total Alkalinity (as CaCO ₃)	mg/L	IS:3025 (Part-23)-2023	114
23	Total Hardness (as CaCO ₃)	mg/L	IS:3025 (Part-21):2009 RA 2019	136
24	Zinc (as Zn)	mg/L	IS:3025 (Part-49):1994 RA 2019	N.D.
C. Parameters concerning toxic substances:-				
1	Cadmium (as Cd)	mg/L	IS:3025 (Part-41):2023	
2	Cyanide (as CN)	mg/L	APHA 24 th Ed.2023, 4500-CN--F, 374	N.D.
3	Lead (as Pb)	mg/L	IS:3025 (Part-47):1994 RA 2019	N.D.
4	Mercury (as Hg)	mg/L	IS:3025 (Part-48):1994 RA 2019	N.D.
5	Molybdenum (as Mo)	mg/L	IS:3025 (Part-2)	N.D.

REPORT NO.: 02252

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	RESULT
6	Nickel (as Ni)	mg/L	IS:3025(Part-54):2003 RA 2019	N.D.
7	Polychlorinated biphenyls	mg/L	APHA 24 th Ed. 6431-PCB-B, 702	N.D.
8	Polynuclear aromatic hydrocarbons (as PAH)	mg/L	APHA 24 th Ed. 6440-PAH-B, 703	N.D.
9	Arsenic (as As)	mg/L	IS:3025(Part-37):2022	N.D.
10	Chromium (as Cr)	mg/L	IS:3025(Part-52):2003 RA 2019	N.D.
11	Trihalomethanes:			
a)	Bromoform	mg/L	APHA 6232	N.D.
b)	Dibromochloromethane	mg/L	APHA 6232	N.D.
c)	Bromodichloromethane	mg/L	APHA 6232	N.D.
d)	Chloroform	mg/L	APHA 6232	N.D.
D.	Pesticides:-			
1	Alpha HCH	µg/l	USEPA 508	N.D.
2	Beta HCH	µg/l	USEPA 508	N.D.
3	Delta HCH	µg/l	USEPA 508	N.D.
4	Alachlor	µg/l	USEPA 525.2, 507	N.D.
5	Aldrin / Dieldrin	µg/l	USEPA 508	N.D.
6	Atrazine	µg/l	USEPA 525.2,8141 A	N.D.
7	Butachlor	µg/l	USEPA 525.2,8141 A	N.D.
8	Chlorpyrifos	µg/l	USEPA 525.2,8141 A	N.D.
9	DDT (o,p and p, p-Isomers of DDT, DDE and DDD)	µg/l	USEPA 508	N.D.
10	Gamma HCH	µg/l	USEPA 508	N.D.
11	2,4-Dichlorophenoxyacetic Acid	µg/l	USEPA 515.1	N.D.
12	Endosulphan (alpha, beta and sulphate)	µg/l	USEPA 508	N.D.
13	Ethion	µg/l	USEPA 1657 A	N.D.
14	Isoproturon	µg/l	USEPA 532	N.D.
15	Malathion	µg/l	USEPA 8141 A	N.D.
16	Methyl Parathion	µg/l	USEPA 8141 A	N.D.
17	Monocrotophos	µg/l	USEPA 8141 A	N.D.
18	Phorate	µg/l	USEPA 8141 A	N.D.
E.	Microbial Parameters			
1	Total Coliform	MPN/100ml	IS:1622:1981:RA:2019	Absent
2	E. Coli	MPN/100ml	IS:1622:1981:RA:2019	Absent

Note: mg/lit.: milligram per liter, N.D. - Not Detected

REMARKS: RESULTS ARE AS ABOVE*Terms & conditions*

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- Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(s) only.

 REVIEWED BY		For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD  AUTHORIZED SIGNATORY
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-----End of the test report-----



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address of The Customer To, M/s DB Power Limited Village- Badadhara Dist.-Sakti (C.G) 495695	Report No.	UESPL/TR/25-26/02253	
	Lab Ref No.	UESPL/25-26/W/04525	
	Date of Sampling	17/09/2025	
	Date of Receipt	18/09/2025	
	Date of Report	22/09/2025	
	Date of analysis	Start: 18/09/2025	End: 22/09/2025
SAMPLE DETAILS			
Customer Sample Id /Sampling Location	Near – Baispali Village (Borewell Water)		
Customer Ref. No. & Date	8200006833, Dated: 22.07.2025		
Sample Type	Ground Water		
Packing of Sample	Plastic Bottle (5.0 Ltr.) Glass Bottle (1.0 Ltr.)		
Sample Collected By	Laboratory Chemist		
Sample Condition at Receipt	Ok		

REPORT NO.: 02253

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	RESULT
A.	Organoleptic & Physical Parameters			
1	Colour	Hazen	IS:3025(Part-4):2021	<1.0
2	Odour	-	IS:3025(Part-5):1983	Agreeable
3	pH Value at 25.2°C	-	IS:3025(Part-11):2022	7.36
4	Taste	-	IS:3025(Part-8):2017	<1.0
5	Turbidity	NTU	IS:3025(Part-10):2023	0.58
6	Total Dissolved Solids	mg/L	IS:3025(Part-16):2023	246
B.	General Parameters Concerning Substances undesirable in excessive amounts			
1	Aluminium (as Al)	mg/L	IS:3025(Part-55):2003 RA 2019	N.D.
2	Ammonia (as total ammonia-N)	mg/L	APHA 24 th Ed.2023, 4500-NH ₃ -B&C, 424-425	N.D.
3	Anionic Detergent (as MBAS)	mg/L	APHA 24 th Ed.2023, 5540-MBAS-C, 585	N.D.
4	Barium (as Ba)	mg/L	APHA 24 th Ed.2023, 3500-Ba, 252	N.D.
5	Boron (as B)	mg/L	APHA 24 th Ed.2023, 4500-B-B, 328	N.D.
6	Calcium (as Ca)	mg/L	IS:3025(Part-40):1991 RA 2019	44.09
7	Chloramines (as Cl ₂)	mg/L	IS:3025(Part-26)	N.D.
8	Chloride (as Cl)	mg/L	IS:3025(Part-32):1988 RA 2019	32.9
9	Copper (as Cu)	mg/L	IS:3025(Part-42):1992 RA 2019	N.D.
10	Fluoride (as F)	mg/L	IS:3025(Part-60):2008 RA 2019	0.07
11	Free Residual Chlorine	mg/L	IS:3025(Part-26):2021	N.D.
12	Iron (as Fe)	mg/L	IS:3025(Part-53):2003 RA 2019	N.D.
13	Magnesium (as Mg)	mg/L	APHA 24 th Ed.2023, 3500-Mg-B, 274	7.29
14	Manganese (as Mn)	mg/L	USEPA - SW - 846 : Method -7000B	N.D.
15	Mineral Oil	mg/L	Clause 6 of IS 3025 (Part-39) Infrared partition method	N.D.
16	Nitrate (as NO ₃)	mg/L	APHA 24 th Ed.2023, 4500-NO ₃ -B, 434-435	6.89
17	Phenolic Compound (as C ₆ H ₅ OH)	mg/L	APHA 24 th Ed.2023, 6420-P-OH-C, 702	N.D.
18	Selenium (as Se)	mg/L	IS:3025(Part-56):2003	N.D.
19	Silver (as Ag)	mg/L	APHA 24 th Ed.2023, 3500-Ag, 289	N.D.
20	Sulphate (as SO ₄)	mg/L	IS:3025(Part-24/Sec.1):2022	30.26
21	Sulphide (as H ₂ S)	mg/L	IS:3025(Part 29):2023	N.D.
22	Total Alkalinity (as CaCO ₃)	mg/L	IS:3025 (Part-23)-2023	102
23	Total Hardness (as CaCO ₃)	mg/L	IS:3025(Part-21):2009 RA 2019	140
24	Zinc (as Zn)	mg/L	IS:3025(Part-49):1994 RA 2019	N.D.
C.	Parameters concerning toxic substances:-			
1	Cadmium (as Cd)	mg/L	IS:3025(Part-41):2023	N.D.
2	Cyanide (as CN)	mg/L	APHA 24 th Ed.2023, 4500-CN--F, 374	N.D.
3	Lead (as Pb)	mg/L	IS:3025(Part-47):1994 RA 2019	N.D.
4	Mercury (as Hg)	mg/L	IS:3025(Part-48):1994 RA 2019	N.D.
5	Molybdenum (as Mo)	mg/L	IS:3025(Part-2)	N.D.



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2
Kabir Nagar, Raipur (C.G.) - 492099
LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

REPORT NO.: 02253

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	RESULT
6	Nickel (as Ni)	mg/L	IS:3025(Part-54):2003 RA 2019	N.D.
7	Polychlorinated biphenyls	mg/L	APHA 24 th Ed. 6431-PCB-B, 702	N.D.
8	Polynuclear aromatic hydrocarbons (as PAH)	mg/L	APHA 24 th Ed. 6440-PAH-B, 703	N.D.
9	Arsenic (as As)	mg/L	IS:3025(Part-37):2022	N.D.
10	Chromium (as Cr)	mg/L	IS:3025(Part-52):2003 RA 2019	N.D.
11	Trihalomethanes:			
a)	Bromoform	mg/L	APHA 6232	N.D.
b)	Dibromochloromethane	mg/L	APHA 6232	N.D.
c)	Bromodichloromethane	mg/L	APHA 6232	N.D.
d)	Chloroform	mg/L	APHA 6232	N.D.
D.	Pesticides:-			
1	Alpha HCH	µg/l	USEPA 508	N.D.
2	Beta HCH	µg/l	USEPA 508	N.D.
3	Delta HCH	µg/l	USEPA 508	N.D.
4	Alachlor	µg/l	USEPA 525.2, 507	N.D.
5	Aldrin / Dieldrin	µg/l	USEPA 508	N.D.
6	Atrazine	µg/l	USEPA 525.2, 8141 A	N.D.
7	Butachlor	µg/l	USEPA 525.2, 8141 A	N.D.
8	Chlorpyrifos	µg/l	USEPA 525.2, 8141 A	N.D.
9	DDT (o,p and p, p-Isomers of DDT, DDE and DDD)	µg/l	USEPA 508	N.D.
10	Gamma HCH	µg/l	USEPA 508	N.D.
11	2,4-Dichlorophenoxyacetic Acid	µg/l	USEPA 515.1	N.D.
12	Endosulphan (alpha, beta and sulphate)	µg/l	USEPA 508	N.D.
13	Ethion	µg/l	USEPA 1657 A	N.D.
14	Isoproturon	µg/l	USEPA 532	N.D.
15	Malathion	µg/l	USEPA 8141 A	N.D.
16	Methyl Parathion	µg/l	USEPA 8141 A	N.D.
17	Monocrotophos	µg/l	USEPA 8141 A	N.D.
18	Phorate	µg/l	USEPA 8141 A	N.D.
E.	Microbial Parameters			
1	Total Coliform	MPN/100ml	IS:1622:1981:RA:2019	Absent
2	E. Coli	MPN/100ml	IS:1622:1981:RA:2019	Absent

Note: mg/lit.: milligram per liter, N.D. - Not Detected

REMARKS: RESULTS ARE AS ABOVE*Terms & conditions*

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- Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(s) only.

REVIEWED BY



For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD

AUTHORIZED SIGNATORY

-----End of the test report-----



Ultimate
ENVIROLYTICAL SOLUTIONS PVT. LTD.

LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address Of The Customer To, M/s DB Power Limited Village- Badadhara Dist.-Sakti (C.G) 495695	Report No.	UESPL/TR/25-26/02254	
	Lab Ref No.	UESPL/25-26/W/04526	
	Date of Sampling	17/09/2025	
	Date of Receipt	18/09/2025	
	Date of Report	22/09/2025	
	Date of analysis	Start: 18/09/2025	End: 22/09/2025
	SAMPLE DETAILS		
Customer Sample Id /Sampling Location	Near – Ash Dump Side (Borewell Water)		
Customer Ref. No. & Date	8200006833, Dated: 22.07.2025		
Sample Type	Ground Water		
Packing of Sample	Plastic Bottle (5.0 Ltr.) Glass Bottle (1.0 Ltr.)		
Sample Collected By	Laboratory Chemist		
Sample Condition at Receipt	Ok		

REPORT NO.: 02254

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	RESULT
A. Organoleptic & Physical Parameters				
1	Colour	Hazen	IS:3025 (Part-4):2021	<1.0
2	Odour	-	IS:3025 (Part-5):1983	Agreeable
3	pH Value at 25.2°C	-	IS:3025 (Part-11):2022	7.45
4	Taste	-	IS:3025 (Part-8):2017	<1.0
5	Turbidity	NTU	IS:3025 (Part-10):2023	0.84
6	Total Dissolved Solids	mg/L	IS:3025 (Part-16):2023	284
B. General Parameters Concerning Substances undesirable in excessive amounts				
1	Aluminium (as Al)	mg/L	IS:3025 (Part-55):2003 RA 2019	N.D.
2	Ammonia (as total ammonia-N)	mg/L	APHA 24 th Ed.2023, 4500-NH ₃ -B&C, 424-425	N.D.
3	Anionic Detergent (as MBAS)	mg/L	APHA 24 th Ed.2023, 5540-MBAS-C, 585	N.D.
4	Barium (as Ba)	mg/L	APHA 24 th Ed.2023, 3500-Ba, 252	N.D.
5	Boron (as B)	mg/L	APHA 24 th Ed.2023, 4500-B-B, 328	N.D.
6	Calcium (as Ca)	mg/L	IS:3025 (Part-40):1991 RA 2019	39.28
7	Chloramines (as Cl ₂)	mg/L	IS:3025 (Part-26)	N.D.
8	Chloride (as Cl)	mg/L	IS:3025 (Part-32):1988 RA 2019	42.9
9	Copper (as Cu)	mg/L	IS:3025 (Part-42):1992 RA 2019	N.D.
10	Fluoride (as F)	mg/L	IS:3025 (Part-60):2008 RA 2019	0.04
11	Free Residual Chlorine	mg/L	IS:3025 (Part-26):2021	N.D.
12	Iron (as Fe)	mg/L	IS:3025 (Part-53):2003 RA 2019	N.D.
13	Magnesium (as Mg)	mg/L	APHA 24 th Ed.2023, 3500-Mg-B, 274	13.61
14	Manganese (as Mn)	mg/L	USEPA - SW - 846 : Method -7000B	N.D.
15	Mineral Oil	mg/L	Clause 6 of IS 3025 (Part-39) Infrared partition method	N.D.
16	Nitrate (as NO ₃)	mg/L	APHA 24 th Ed.2023, 4500-NO ₃ -B, 434-435	3.51
17	Phenolic Compound (as C ₆ H ₅ OH)	mg/L	APHA 24 th Ed.2023, 6420-P-OH-C, 702	N.D.
18	Selenium (as Se)	mg/L	IS:3025 (Part-56):2003	N.D.
19	Silver (as Ag)	mg/L	APHA 24 th Ed.2023, 3500-Ag, 289	N.D.
20	Sulphate (as SO ₄)	mg/L	IS:3025 (Part-24/Sec.1):2022	32.58
21	Sulphide (as H ₂ S)	mg/L	IS:3025 (Part 29):2023	N.D.
22	Total Alkalinity (as CaCO ₃)	mg/L	IS:3025 (Part-23)-2023	90
23	Total Hardness (as CaCO ₃)	mg/L	IS:3025 (Part-21):2009 RA 2019	154
24	Zinc (as Zn)	mg/L	IS:3025 (Part-49):1994 RA 2019	N.D.
C. Parameters concerning toxic substances:-				
1	Cadmium (as Cd)	mg/L	IS:3025 (Part-41):2023	N.D.
2	Cyanide (as CN)	mg/L	APHA 24 th Ed.2023, 4500-CN--F, 374	N.D.
3	Lead (as Pb)	mg/L	IS:3025 (Part-47):1994 RA 2019	N.D.
4	Mercury (as Hg)	mg/L	IS:3025 (Part-48):1994 RA 2019	N.D.
5	Molybdenum (as Mo)	mg/L	IS:3025 (Part-2)	N.D.



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LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

REPORT NO.: 02254

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	RESULT
6	Nickel (as Ni)	mg/L	IS:3025(Part-54):2003 RA 2019	N.D.
7	Polychlorinated biphenyls	mg/L	APHA 24 th Ed. 6431-PCB-B, 702	N.D.
8	Polynuclear aromatic hydrocarbons (as PAH)	mg/L	APHA 24 th Ed. 6440-PAH-B, 703	N.D.
9	Arsenic (as As)	mg/L	IS:3025(Part-37):2022	N.D.
10	Chromium (as Cr)	mg/L	IS:3025(Part-52):2003 RA 2019	N.D.
11	Trihalomethanes:			
a)	Bromoform	mg/L	APHA 6232	N.D.
b)	Dibromochloromethane	mg/L	APHA 6232	N.D.
c)	Bromodichloromethane	mg/L	APHA 6232	N.D.
d)	Chloroform	mg/L	APHA 6232	N.D.
D.	Pesticides:-			
1	Alpha HCH	µg/l	USEPA 508	N.D.
2	Beta HCH	µg/l	USEPA 508	N.D.
3	Delta HCH	µg/l	USEPA 508	N.D.
4	Alachlor	µg/l	USEPA 525.2, 507	N.D.
5	Aldrin / Dieldrin	µg/l	USEPA 508	N.D.
6	Atrazine	µg/l	USEPA 525.2, 8141 A	N.D.
7	Butachlor	µg/l	USEPA 525.2, 8141 A	N.D.
8	Chlorpyrifos	µg/l	USEPA 525.2, 8141 A	N.D.
9	DDT (o,p and p, p-Isomers of DDT, DDE and DDD)	µg/l	USEPA 508	N.D.
10	Gamma HCH	µg/l	USEPA 508	N.D.
11	2,4-Dichlorophenoxyacetic Acid	µg/l	USEPA 515.1	N.D.
12	Endosulphan (alpha, beta and sulphate)	µg/l	USEPA 508	N.D.
13	Ethion	µg/l	USEPA 1657 A	N.D.
14	Isoproturon	µg/l	USEPA 532	N.D.
15	Malathion	µg/l	USEPA 8141 A	N.D.
16	Methyl Parathion	µg/l	USEPA 8141 A	N.D.
17	Monocrotophos	µg/l	USEPA 8141 A	N.D.
18	Phorate	µg/l	USEPA 8141 A	N.D.
E.	Microbial Parameters			
1	Total Coliform	MPN/100ml	IS:1622:1981:RA:2019	Absent
2	E. Coli	MPN/100ml	IS:1622:1981:RA:2019	Absent

Note: mg/lit.: milligram per liter, N.D. - Not Detected

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

- The use of the report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(s) only.

 REVIEWED BY		 AUTHORIZED SIGNATORY
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-----End of the test report-----



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address Of The Customer		Report No.	UESPL/TR/25-26/02255	
To, M/s DB Power Limited Village- Badadhara Dist.-Sakti (C.G) 495695		Lab Ref No.	UESPL/25-26/W/04527	
		Date of Sampling	17/09/2025	
		Date of Receipt	18/09/2025	
		Date of Report	22/09/2025	
		Date of analysis	Start: 18/09/2025	End: 22/09/2025
SAMPLE DETAILS				
Customer Sample Id /Sampling Location		Near – Kanwali Village (Borewell Water)		
Customer Ref. No. & Date		8200006833, Dated: 22.07.2025		
Sample Type		Ground Water		
Packing of Sample		Plastic Bottle (5.0 Ltr.) Glass Bottle (1.0 Ltr.)		
Sample Collected By		Laboratory Chemist		
Sample Condition at Receipt		Ok		

REPORT NO.: 02255

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	RESULT
A.	Organoleptic & Physical Parameters			
1	Colour	Hazen	IS:3025 (Part-4):2021	<1.0
2	Odour	-	IS:3025 (Part-5):1983	Agreeable
3	pH Value at 25.2°C	-	IS:3025 (Part-11):2022	7.32
4	Taste	-	IS:3025 (Part-8):2017	<1.0
5	Turbidity	NTU	IS:3025 (Part-10):2023	0.51
6	Total Dissolved Solids	mg/L	IS:3025 (Part-16):2023	208
B.	General Parameters Concerning Substances undesirable in excessive amounts			
1	Aluminium (as Al)	mg/L	IS:3025 (Part-55):2003 RA 2019	N.D.
2	Ammonia (as total ammonia-N)	mg/L	APHA 24 th Ed.2023, 4500-NH ₃ -B&C, 424-425	N.D.
3	Anionic Detergent (as MBAS)	mg/L	APHA 24 th Ed.2023, 5540-MBAS-C, 585	N.D.
4	Barium (as Ba)	mg/L	APHA 24 th Ed.2023, 3500-Ba, 252	N.D.
5	Boron (as B)	mg/L	APHA 24 th Ed.2023, 4500-B-B, 328	N.D.
6	Calcium (as Ca)	mg/L	IS:3025 (Part-40):1991 RA 2019	32.87
7	Chloramines (as Cl ₂)	mg/L	IS:3025 (Part-26)	N.D.
8	Chloride (as Cl)	mg/L	IS:3025 (Part-32):1988 RA 2019	26.9
9	Copper (as Cu)	mg/L	IS:3025 (Part-42):1992 RA 2019	N.D.
10	Fluoride (as F)	mg/L	IS:3025 (Part-60):2008 RA 2019	0.08
11	Free Residual Chlorine	mg/L	IS:3025 (Part-26):2021	N.D.
12	Iron (as Fe)	mg/L	IS:3025 (Part-53):2003 RA 2019	N.D.
13	Magnesium (as Mg)	mg/L	APHA 24 th Ed.2023, 3500-Mg-B, 274	11.66
14	Manganese (as Mn)	mg/L	USEPA - SW - 846 : Method -7000B	N.D.
15	Mineral Oil	mg/L	Clause 6 of IS 3025 (Part-39) Infrared partition method	N.D.
16	Nitrate (as NO ₃)	mg/L	APHA 24 th Ed.2023, 4500-NO ₃ -B, 434-435	6.21
17	Phenolic Compound (as C ₆ H ₅ OH)	mg/L	APHA 24 th Ed.2023, 6420-P-OH-C, 702	N.D.
18	Selenium (as Se)	mg/L	IS:3025 (Part-56):2003	N.D.
19	Silver (as Ag)	mg/L	APHA 24 th Ed.2023, 3500-Ag, 289	N.D.
20	Sulphate (as SO ₄)	mg/L	IS:3025 (Part-24/Sec.1):2022	33.47
21	Sulphide (as H ₂ S)	mg/L	IS:3025 (Part 29):2023	N.D.
22	Total Alkalinity (as CaCO ₃)	mg/L	IS:3025 (Part-23)-2023	74
23	Total Hardness (as CaCO ₃)	mg/L	IS:3025 (Part-21):2009 RA 2019	130
24	Zinc (as Zn)	mg/L	IS:3025 (Part-49):1994 RA 2019	N.D.
C.	Parameters concerning toxic substances: -			
1	Cadmium (as Cd)	mg/L	IS:3025 (Part-41):2023	N.D.
2	Cyanide (as CN)	mg/L	APHA 24 th Ed.2023, 4500-CN--F, 374	N.D.
3	Lead (as Pb)	mg/L	IS:3025 (Part-47):1994 RA 2019	N.D.
4	Mercury (as Hg)	mg/L	IS:3025 (Part-48):1994 RA 2019	N.D.
5	Molybdenum (as Mo)	mg/L	IS:3025 (Part-2)	N.D.



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2
Kabir Nagar, Raipur (C.G.) - 492099
LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

REPORT NO.: 02255

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	RESULT
6	Nickel (as Ni)	mg/L	IS:3025(Part-54):2003 RA 2019	N.D.
7	Polychlorinated biphenyls	mg/L	APHA 24 th Ed. 6431-PCB-B, 702	N.D.
8	Polynuclear aromatic hydrocarbons (as PAH)	mg/L	APHA 24 th Ed. 6440-PAH-B, 703	N.D.
9	Arsenic (as As)	mg/L	IS:3025(Part-37):2022	N.D.
10	Chromium (as Cr)	mg/L	IS:3025(Part-52):2003 RA 2019	N.D.
11	Trihalomethanes:			
a)	Bromoform	mg/L	APHA 6232	N.D.
b)	Dibromochloromethane	mg/L	APHA 6232	N.D.
c)	Bromodichloromethane	mg/L	APHA 6232	N.D.
d)	Chloroform	mg/L	APHA 6232	N.D.
D.	Pesticides:-			
1	Alpha HCH	µg/l	USEPA 508	N.D.
2	Beta HCH	µg/l	USEPA 508	N.D.
3	Delta HCH	µg/l	USEPA 508	N.D.
4	Alachlor	µg/l	USEPA 525.2, 507	N.D.
5	Aldrin / Dieldrin	µg/l	USEPA 508	N.D.
6	Atrazine	µg/l	USEPA 525.2,8141 A	N.D.
7	Butachlor	µg/l	USEPA 525.2,8141 A	N.D.
8	Chlorpyrifos	µg/l	USEPA 525.2,8141 A	N.D.
9	DDT (o,p and p, p-Isomers of DDT, DDE and DDD)	µg/l	USEPA 508	N.D.
10	Gamma HCH	µg/l	USEPA 508	N.D.
11	2,4-Dichlorophenoxyacetic Acid	µg/l	USEPA 515.1	N.D.
12	Endosulphan (alpha, beta and sulphate)	µg/l	USEPA 508	N.D.
13	Ethion	µg/l	USEPA 1657 A	N.D.
14	Isoproturon	µg/l	USEPA 532	N.D.
15	Malathion	µg/l	USEPA 8141 A	N.D.
16	Methyl Parathion	µg/l	USEPA 8141 A	N.D.
17	Monocrotophos	µg/l	USEPA 8141 A	N.D.
18	Phorate	µg/l	USEPA 8141 A	N.D.
E.	Microbial Parameters			
1	Total Coliform	MPN/ 100ml	IS:1622:1981:RA:2019	Absent
2	E. Coli	MPN/ 100ml	IS:1622:1981:RA:2019	Absent

Note: mg/lit.: milligram per liter, N.D. – Not Detected

REMARKS: RESULTS ARE AS ABOVE*Terms & conditions*

- The use of the report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(s) only.

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AUTHORIZED SIGNATORY

-----End of the test report-----



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LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address Of The Customer		Report No.	UESPL/TR/25-26/02256	
To, M/s DB Power Limited Village- Badadhara Dist.-Sakti (C.G) 495695		Lab Ref No.	UESPL/25-26/W/04528	
		Date of Sampling	14/09/2025	
		Date of Receipt	15/09/2025	
		Date of Report	19/09/2025	
		Date of analysis	Start: 15/09/2025	End: 19/09/2025
SAMPLE DETAILS				
Customer Sample Id /Sampling Location		Near – Pathri Nala		
Customer Ref. No. & Date		8200006833, Dated: 22.07.2025		
Sample Type		Surface Water		
Packing of Sample		Plastic Bottle(5.0 Ltr.) Glass Bottle (1.0 Ltr.)		
Sample Collected By		Laboratory Chemist		
Sample Condition at Receipt		Ok		

REPORT NO.: 02256

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	RESULT
A.	Organoleptic & Physical Parameters			
1	Colour	Hazen	IS:3025 (Part-4):2021	5
2	Odour	-	IS:3025 (Part-5):1983	Agreeable
3	pH Value at 25.2°C	-	IS:3025 (Part-11):2022	7.63
4	Taste	-	IS:3025 (Part-8):2017	Agreeable
5	Turbidity	NTU	IS:3025 (Part-10):2023	0.75
6	Total Dissolved Solids	mg/L	IS:3025 (Part-16):2023	346
B.	General Parameters Concerning Substances undesirable in excessive amounts			
1	Aluminium (as Al)	mg/L	IS:3025 (Part-55):2003 RA 2019	N.D.
2	Ammonia (as total ammonia-N)	mg/L	APHA 24 th Ed.2023, 4500-NH ₃ -B&C, 424-425	N.D.
3	Anionic Detergent (as MBAS)	mg/L	APHA 24 th Ed.2023, 5540-MBAS-C, 585	N.D.
4	Barium (as Ba)	mg/L	APHA 24 th Ed.2023, 3500-Ba, 252	N.D.
5	Boron (as B)	mg/L	APHA 24 th Ed.2023, 4500-B-B, 328	N.D.
6	Calcium (as Ca)	mg/L	IS:3025 (Part-40):1991 RA 2019	39.28
7	Chloramines (as Cl ₂)	mg/L	IS:3025 (Part-26)	N.D.
8	Chloride (as Cl)	mg/L	IS:3025 (Part-32):1988 RA 2019	33.9
9	Copper (as Cu)	mg/L	IS:3025 (Part-42):1992 RA 2019	N.D.
10	Fluoride (as F)	mg/L	IS:3025 (Part-60):2008 RA 2019	0.11
11	Free Residual Chlorine	mg/L	IS:3025 (Part-26):2021	N.D.
12	Iron (as Fe)	mg/L	IS:3025 (Part-53):2003 RA 2019	0.17
13	Magnesium (as Mg)	mg/L	APHA 24 th Ed.2023, 3500-Mg-B, 274	18.95
14	Manganese (as Mn)	mg/L	USEPA - SW - 846 : Method -7000B	N.D.
15	Mineral Oil	mg/L	Clause 6 of IS 3025 (Part-39) Infrared partition method	N.D.
16	Nitrate (as NO ₃)	mg/L	APHA 24 th Ed.2023, 4500-NO ₃ -B, 434-435	9.26
17	Phenolic Compound (as C ₆ H ₅ OH)	mg/L	APHA 24 th Ed.2023, 6420-P-OH-C, 702	N.D.
18	Selenium (as Se)	mg/L	IS:3025 (Part-56):2003	N.D.
19	Silver (as Ag)	mg/L	APHA 24 th Ed.2023, 3500-Ag, 289	N.D.
20	Sulphate (as SO ₄)	mg/L	IS:3025 (Part-24/Sec.1):2022	28.91
21	Sulphide (as H ₂ S)	mg/L	IS:3025 (Part 29):2023	N.D.
22	Total Alkalinity (as CaCO ₃)	mg/L	IS:3025 (Part-23)-2023	120
23	Total Hardness (as CaCO ₃)	mg/L	IS:3025 (Part-21):2009 RA 2019	176
24	Zinc (as Zn)	mg/L	IS:3025 (Part-49):1994 RA 2019	N.D.
C.	Parameters concerning toxic substances:-			
1	Cadmium (as Cd)	mg/L	IS:3025 (Part-41):2023	N.D.
2	Cyanide (as CN)	mg/L	APHA 24 th Ed.2023, 4500-CN--F, 374	N.D.
3	Lead (as Pb)	mg/L	IS:3025 (Part-47):1994 RA 2019	N.D.
4	Mercury (as Hg)	mg/L	IS:3025 (Part-48):1994 RA 2019	N.D.
5	Molybdenum (as Mo)	mg/L	IS:3025 (Part-2)	N.D.



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2
Kabir Nagar, Raipur (C.G.) - 492099
LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

REPORT NO.: 02256

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	RESULT
6	Nickel (as Ni)	mg/L	IS:3025(Part-54):2003 RA 2019	N.D.
7	Polychlorinated biphenyls	mg/L	APHA 24 th Ed. 6431-PCB-B, 702	N.D.
8	Polynuclear aromatic hydrocarbons (as PAH)	mg/L	APHA 24 th Ed. 6440-PAH-B, 703	N.D.
9	Arsenic (as As)	mg/L	IS:3025(Part-37):2022	N.D.
10	Chromium (as Cr)	mg/L	IS:3025(Part-52):2003 RA 2019	N.D.
11	Trihalomethanes:			
a)	Bromoform	mg/L	APHA 6232	N.D.
b)	Dibromochloromethane	mg/L	APHA 6232	N.D.
c)	Bromodichloromethane	mg/L	APHA 6232	N.D.
d)	Chloroform	mg/L	APHA 6232	N.D.
D.	Pesticides:-			
1	Alpha HCH	µg/l	USEPA 508	N.D.
2	Beta HCH	µg/l	USEPA 508	N.D.
3	Delta HCH	µg/l	USEPA 508	N.D.
4	Alachlor	µg/l	USEPA 525.2, 507	N.D.
5	Aldrin / Dieldrin	µg/l	USEPA 508	N.D.
6	Atrazine	µg/l	USEPA 525.2, 8141 A	N.D.
7	Butachlor	µg/l	USEPA 525.2, 8141 A	N.D.
8	Chlorpyrifos	µg/l	USEPA 525.2, 8141 A	N.D.
9	DDT (o,p and p, p-Isomers of DDT, DDE and DDD)	µg/l	USEPA 508	N.D.
10	Gamma HCH	µg/l	USEPA 508	N.D.
11	2,4-Dichlorophenoxyacetic Acid	µg/l	USEPA 515.1	N.D.
12	Endosulphan (alpha, beta and sulphate)	µg/l	USEPA 508	N.D.
13	Ethion	µg/l	USEPA 1657 A	N.D.
14	Isoproturon	µg/l	USEPA 532	N.D.
15	Malathion	µg/l	USEPA 8141 A	N.D.
16	Methyl Parathion	µg/l	USEPA 8141 A	N.D.
17	Monocrotophos	µg/l	USEPA 8141 A	N.D.
18	Phorate	µg/l	USEPA 8141 A	N.D.
E.	Microbial Parameters			
1	Total Coliform	MPN/100ml	IS:1622:1981:RA:2019	140
2	E. Coli	MPN/100ml	IS:1622:1981:RA:2019	50

Note: mg/lit.: milligram per liter, N.D. - Not Detected

REMARKS: RESULTS ARE AS ABOVE*Terms & conditions*

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- > This is for information as the party has asked for above test(s) only.

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For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD

AUTHORIZED SIGNATORY

-----End of the test report-----



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2
Kabir Nagar, Raipur (C.G.) - 492099
LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address of The Customer To, M/s DB Power Limited Village- Badadhara Dist.-Sakti (C.G) 495695	Report No.	UESPL/TR/25-26/02257	
	Lab Ref No.	UESPL/25-26/W/04529	
	Date of Sampling	14/09/2025	
	Date of Receipt	15/09/2025	
	Date of Report	19/09/2025	
	Date of analysis	Start: 15/09/2025	End: 19/09/2025
SAMPLE DETAILS			
Customer Sample Id /Sampling Location	Near – Badadarha Village		
Customer Ref. No. & Date	8200006833, Dated: 22.07.2025		
Sample Type	Surface Water		
Packing of Sample	Plastic Bottle (5.0 Ltr.) Glass Bottle (1.0 Ltr.)		
Sample Collected By	Laboratory Chemist		
Sample Condition at Receipt	Ok		

REPORT NO.: 02257

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	RESULT
A. Organoleptic & Physical Parameters				
1	Colour	Hazen	IS:3025 (Part-4):2021	5
2	Odour	-	IS:3025 (Part-5):1983	Agreeable
3	pH Value at 25.2°C	-	IS:3025 (Part-11):2022	7.44
4	Taste	-	IS:3025 (Part-8):2017	Agreeable
5	Turbidity	NTU	IS:3025 (Part-10):2023	1.11
6	Total Dissolved Solids	mg/L	IS:3025 (Part-16):2023	244
B. General Parameters Concerning Substances undesirable in excessive amounts				
1	Aluminium (as Al)	mg/L	IS:3025 (Part-55):2003 RA 2019	N.D.
2	Ammonia (as total ammonia-N)	mg/L	APHA 24 th Ed.2023, 4500-NH ₃ -B&C, 424-425	N.D.
3	Anionic Detergent (as MBAS)	mg/L	APHA 24 th Ed.2023, 5540-MBAS-C, 585	N.D.
4	Barium (as Ba)	mg/L	APHA 24 th Ed.2023, 3500-Ba, 252	N.D.
5	Boron (as B)	mg/L	APHA 24 th Ed.2023, 4500-B-B, 328	N.D.
6	Calcium (as Ca)	mg/L	IS:3025 (Part-40):1991 RA 2019	32.87
7	Chloramines (as Cl ₂)	mg/L	IS:3025 (Part-26)	N.D.
8	Chloride (as Cl)	mg/L	IS:3025 (Part-32):1988 RA 2019	26.9
9	Copper (as Cu)	mg/L	IS:3025 (Part-42):1992 RA 2019	N.D.
10	Fluoride (as F)	mg/L	IS:3025 (Part-60):2008 RA 2019	0.15
11	Free Residual Chlorine	mg/L	IS:3025 (Part-26):2021	N.D.
12	Iron (as Fe)	mg/L	IS:3025 (Part-53):2003 RA 2019	0.025
13	Magnesium (as Mg)	mg/L	APHA 24 th Ed.2023, 3500-Mg-B, 274	12.64
14	Manganese (as Mn)	mg/L	USEPA - SW - 846 : Method -7000B	N.D.
15	Mineral Oil	mg/L	Clause 6 of IS 3025 (Part-39) Infrared partition method	N.D.
16	Nitrate (as NO ₃)	mg/L	APHA 24 th Ed.2023, 4500-NO ₃ -B, 434-435	10.21
17	Phenolic Compound (as C ₆ H ₅ OH)	mg/L	APHA 24 th Ed.2023, 6420-P-OH-C, 702	N.D.
18	Selenium (as Se)	mg/L	IS:3025 (Part-56):2003	N.D.
19	Silver (as Ag)	mg/L	APHA 24 th Ed.2023, 3500-Ag, 289	N.D.
20	Sulphate (as SO ₄)	mg/L	IS:3025 (Part-24/Sec.1):2022	18.36
21	Sulphide (as H ₂ S)	mg/L	IS:3025 (Part 29):2023	N.D.
22	Total Alkalinity (as CaCO ₃)	mg/L	IS:3025 (Part-23)-2023	108
23	Total Hardness (as CaCO ₃)	mg/L	IS:3025 (Part-21):2009 RA 2019	134
24	Zinc (as Zn)	mg/L	IS:3025 (Part-49):1994 RA 2019	N.D.
C. Parameters concerning toxic substances:-				
1	Cadmium (as Cd)	mg/L	IS:3025 (Part-41):2023	N.D.
2	Cyanide (as CN)	mg/L	APHA 24 th Ed.2023, 4500-CN--F, 374	N.D.
3	Lead (as Pb)	mg/L	IS:3025 (Part-47):1994 RA 2019	N.D.
4	Mercury (as Hg)	mg/L	IS:3025 (Part-48):1994 RA 2019	N.D.
5	Molybdenum (as Mo)	mg/L	IS:3025 (Part-2)	N.D.



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2
Kabir Nagar, Raipur (C.G.) - 492099
LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

REPORT NO.: 02257

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	RESULT
6	Nickel (as Ni)	mg/L	IS:3025(Part-54):2003 RA 2019	N.D.
7	Polychlorinated biphenyls	mg/L	APHA 24 th Ed. 6431-PCB-B, 702	N.D.
8	Polynuclear aromatic hydrocarbons (as PAH)	mg/L	APHA 24 th Ed. 6440-PAH-B, 703	N.D.
9	Arsenic (as As)	mg/L	IS:3025(Part-37):2022	N.D.
10	Chromium (as Cr)	mg/L	IS:3025(Part-52):2003 RA 2019	N.D.
11	Trihalomethanes:			
a)	Bromoform	mg/L	APHA 6232	N.D.
b)	Dibromochloromethane	mg/L	APHA 6232	N.D.
c)	Bromodichloromethane	mg/L	APHA 6232	N.D.
d)	Chloroform	mg/L	APHA 6232	N.D.
D.	Pesticides:-			
1	Alpha HCH	µg/l	USEPA 508	N.D.
2	Beta HCH	µg/l	USEPA 508	N.D.
3	Delta HCH	µg/l	USEPA 508	N.D.
4	Alachlor	µg/l	USEPA 525.2, 507	N.D.
5	Aldrin / Dieldrin	µg/l	USEPA 508	N.D.
6	Atrazine	µg/l	USEPA 525.2, 8141 A	N.D.
7	Butachlor	µg/l	USEPA 525.2, 8141 A	N.D.
8	Chlorpyrifos	µg/l	USEPA 525.2, 8141 A	N.D.
9	DDT (o,p and p, p-Isomers of DDT, DDE and DDD)	µg/l	USEPA 508	N.D.
10	Gamma HCH	µg/l	USEPA 508	N.D.
11	2,4-Dichlorophenoxyacetic Acid	µg/l	USEPA 515.1	N.D.
12	Endosulphan (alpha, beta and sulphate)	µg/l	USEPA 508	N.D.
13	Ethion	µg/l	USEPA 1657 A	N.D.
14	Isoproturon	µg/l	USEPA 532	N.D.
15	Malathion	µg/l	USEPA 8141 A	N.D.
16	Methyl Parathion	µg/l	USEPA 8141 A	N.D.
17	Monocrotophos	µg/l	USEPA 8141 A	N.D.
18	Phorate	µg/l	USEPA 8141 A	N.D.
E.	Microbial Parameters			
1	Total Coliform	MPN/100ml	IS:1622:1981:RA:2019	90
2	E. Coli	MPN/100ml	IS:1622:1981:RA:2019	22

Note: mg/lit.: milligram per liter, N.D. - Not Detected

REMARKS: RESULTS ARE AS ABOVE*Terms & conditions*

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Paul
19/09/25
REVIEWED BY



For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD

Paul
19/09/25
AUTHORIZED SIGNATORY

-----End of the test report-----



Ultimate
ENVIROLYTICAL SOLUTIONS PVT. LTD.

LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

REPORT NO.: 02257

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	RESULT
6	Nickel (as Ni)	mg/L	IS:3025(Part-54):2003 RA 2019	N.D.
7	Polychlorinated biphenyls	mg/L	APHA 24 th Ed. 6431-PCB-B, 702	N.D.
8	Polynuclear aromatic hydrocarbons (as PAH)	mg/L	APHA 24 th Ed. 6440-PAH-B, 703	N.D.
9	Arsenic (as As)	mg/L	IS:3025(Part-37):2022	N.D.
10	Chromium (as Cr)	mg/L	IS:3025(Part-52):2003 RA 2019	N.D.
11	Trihalomethanes:			
a)	Bromoform	mg/L	APHA 6232	N.D.
b)	Dibromochloromethane	mg/L	APHA 6232	N.D.
c)	Bromodichloromethane	mg/L	APHA 6232	N.D.
d)	Chloroform	mg/L	APHA 6232	N.D.
D.	Pesticides:-			
1	Alpha HCH	µg/l	USEPA 508	N.D.
2	Beta HCH	µg/l	USEPA 508	N.D.
3	Delta HCH	µg/l	USEPA 508	N.D.
4	Alachlor	µg/l	USEPA 525.2, 507	N.D.
5	Aldrin / Dieldrin	µg/l	USEPA 508	N.D.
6	Atrazine	µg/l	USEPA 525.2, 8141 A	N.D.
7	Butachlor	µg/l	USEPA 525.2, 8141 A	N.D.
8	Chlorpyrifos	µg/l	USEPA 525.2, 8141 A	N.D.
9	DDT (o,p and p, p-Isomers of DDT, DDE and DDD)	µg/l	USEPA 508	N.D.
10	Gamma HCH	µg/l	USEPA 508	N.D.
11	2,4-Dichlorophenoxyacetic Acid	µg/l	USEPA 515.1	N.D.
12	Endosulphan (alpha, beta and sulphate)	µg/l	USEPA 508	N.D.
13	Ethion	µg/l	USEPA 1657 A	N.D.
14	Isoproturon	µg/l	USEPA 532	N.D.
15	Malathion	µg/l	USEPA 8141 A	N.D.
16	Methyl Parathion	µg/l	USEPA 8141 A	N.D.
17	Monocrotophos	µg/l	USEPA 8141 A	N.D.
18	Phorate	µg/l	USEPA 8141 A	N.D.
E.	Microbial Parameters			
1	Total Coliform	MPN/100ml	IS:1622:1981:RA:2019	90
2	E. Coli	MPN/100ml	IS:1622:1981:RA:2019	22

Note: mg/lit.: milligram per liter, N.D. - Not Detected

REMARKS: RESULTS ARE AS ABOVE

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REVIEWED BY

AUTHORIZED SIGNATORY

-----End of the test report-----



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2
Kabir Nagar, Raipur (C.G.) - 492099
LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address of The Customer		Report No.	UESPL/TR/25-26/02258
To,		Lab Ref No.	UESPL/25-26/W/04530
M/s DB Power Limited		Date of Sampling	14/09/2025
Village- Badadhara		Date of Receipt	15/09/2025
Dist.-Sakti (C.G) 495695		Date of Report	19/09/2025
		Date of analysis	Start: 15/09/2025 End: 19/09/2025
SAMPLE DETAILS			
Customer Sample Id /Sampling Location		Near – Baispali Village	
Customer Ref. No. & Date		8200006833, Dated: 22.07.2025	
Sample Type		Surface Water	
Packing of Sample		Plastic Bottle (5.0 Ltr.) Glass Bottle (1.0 Ltr.)	
Sample Collected By		Laboratory Chemist	
Sample Condition at Receipt		Ok	

REPORT NO.: 02258

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	RESULT
A.	Organoleptic & Physical Parameters			
1	Colour	Hazen	IS:3025 (Part-4):2021	5
2	Odour	-	IS:3025 (Part-5):1983	Agreeable
3	pH Value at 25.2°C	-	IS:3025 (Part-11):2022	7.19
4	Taste	-	IS:3025 (Part-8):2017	Agreeable
5	Turbidity	NTU	IS:3025 (Part-10):2023	1.26
6	Total Dissolved Solids	mg/L	IS:3025 (Part-16):2023	256
B.	General Parameters Concerning Substances undesirable in excessive amounts			
1	Aluminium (as Al)	mg/L	IS:3025 (Part-55):2003 RA 2019	N.D.
2	Ammonia (as total ammonia-N)	mg/L	APHA 24 th Ed.2023, 4500-NH ₃ -B&C, 424-425	N.D.
3	Anionic Detergent (as MBAS)	mg/L	APHA 24 th Ed.2023, 5540-MBAS-C, 585	N.D.
4	Barium (as Ba)	mg/L	APHA 24 th Ed.2023, 3500-Ba, 252	N.D.
5	Boron (as B)	mg/L	APHA 24 th Ed.2023, 4500-B-B, 328	N.D.
6	Calcium (as Ca)	mg/L	IS:3025 (Part-40):1991 RA 2019	30.46
7	Chloramines (as Cl ₂)	mg/L	IS:3025 (Part-26)	N.D.
8	Chloride (as Cl)	mg/L	IS:3025 (Part-32):1988 RA 2019	30.9
9	Copper (as Cu)	mg/L	IS:3025 (Part-42):1992 RA 2019	N.D.
10	Fluoride (as F)	mg/L	IS:3025 (Part-60):2008 RA 2019	0.12
11	Free Residual Chlorine	mg/L	IS:3025 (Part-26):2021	N.D.
12	Iron (as Fe)	mg/L	IS:3025 (Part-53):2003 RA 2019	0.056
13	Magnesium (as Mg)	mg/L	APHA 24 th Ed.2023, 3500-Mg-B, 274	16.04
14	Manganese (as Mn)	mg/L	USEPA - SW - 846 : Method -7000B	N.D.
15	Mineral Oil	mg/L	Clause 6 of IS 3025 (Part-39) Infrared partition method	N.D.
16	Nitrate (as NO ₃)	mg/L	APHA 24 th Ed.2023, 4500-NO ₃ -B, 434-435	15.43
17	Phenolic Compound (as C ₆ H ₅ OH)	mg/L	APHA 24 th Ed.2023, 6420-P-OH-C, 702	N.D.
18	Selenium (as Se)	mg/L	IS:3025 (Part-56):2003	N.D.
19	Silver (as Ag)	mg/L	APHA 24 th Ed.2023, 3500-Ag, 289	N.D.
20	Sulphate (as SO ₄)	mg/L	IS:3025 (Part-24/Sec.1):2022	27.36
21	Sulphide (as H ₂ S)	mg/L	IS:3025 (Part 29):2023	N.D.
22	Total Alkalinity (as CaCO ₃)	mg/L	IS:3025 (Part-23)-2023	94
23	Total Hardness (as CaCO ₃)	mg/L	IS:3025 (Part-21):2009 RA 2019	142
24	Zinc (as Zn)	mg/L	IS:3025 (Part-49):1994 RA 2019	N.D.
C.	Parameters concerning toxic substances:-			
1	Cadmium (as Cd)	mg/L	IS:3025 (Part-41):2023	N.D.
2	Cyanide (as CN)	mg/L	APHA 24 th Ed.2023, 4500-CN--F, 374	N.D.
3	Lead (as Pb)	mg/L	IS:3025 (Part-47):1994 RA 2019	N.D.
4	Mercury (as Hg)	mg/L	IS:3025 (Part-48):1994 RA 2019	N.D.
5	Molybdenum (as Mo)	mg/L	IS:3025 (Part-2)	N.D.



Ultimate
ENVIROLYTICAL SOLUTIONS PVT. LTD.

LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

REPORT NO.: 02258

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	RESULT
6	Nickel (as Ni)	mg/L	IS:3025(Part-54):2003 RA 2019	N.D.
7	Polychlorinated biphenyls	mg/L	APHA 24 th Ed. 6431-PCB-B, 702	N.D.
8	Polynuclear aromatic hydrocarbons (as PAH)	mg/L	APHA 24 th Ed. 6440-PAH-B, 703	N.D.
9	Arsenic (as As)	mg/L	IS:3025(Part-37):2022	N.D.
10	Chromium (as Cr)	mg/L	IS:3025(Part-52):2003 RA 2019	N.D.
11	Trihalomethanes:			
a)	Bromoform	mg/L	APHA 6232	N.D.
b)	Dibromochloromethane	mg/L	APHA 6232	N.D.
c)	Bromodichloromethane	mg/L	APHA 6232	N.D.
d)	Chloroform	mg/L	APHA 6232	N.D.
D.	Pesticides:-			
1	Alpha HCH	µg/l	USEPA 508	N.D.
2	Beta HCH	µg/l	USEPA 508	N.D.
3	Delta HCH	µg/l	USEPA 508	N.D.
4	Alachlor	µg/l	USEPA 525.2, 507	N.D.
5	Aldrin / Dieldrin	µg/l	USEPA 508	N.D.
6	Atrazine	µg/l	USEPA 525.2, 8141 A	N.D.
7	Butachlor	µg/l	USEPA 525.2, 8141 A	N.D.
8	Chlorpyrifos	µg/l	USEPA 525.2, 8141 A	N.D.
9	DDT (o,p and p, p-Isomers of DDT, DDE and DDD)	µg/l	USEPA 508	N.D.
10	Gamma HCH	µg/l	USEPA 508	N.D.
11	2,4-Dichlorophenoxyacetic Acid	µg/l	USEPA 515.1	N.D.
12	Endosulphan (alpha, beta and sulphate)	µg/l	USEPA 508	N.D.
13	Ethion	µg/l	USEPA 1657 A	N.D.
14	Isoproturon	µg/l	USEPA 532	N.D.
15	Malathion	µg/l	USEPA 8141 A	N.D.
16	Methyl Parathion	µg/l	USEPA 8141 A	N.D.
17	Monocrotophos	µg/l	USEPA 8141 A	N.D.
18	Phorate	µg/l	USEPA 8141 A	N.D.
E.	Microbial Parameters			
1	Total Coliform	MPN/ 100ml	IS:1622:1981:RA:2019	70
2	E. Coli	MPN/ 100ml	IS:1622:1981:RA:2019	26

Note: mg/lit.: milligram per liter, N.D. – Not Detected

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

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- This is for information as the party has asked for above test(s) only.

 REVIEWED BY		For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD AUTHORIZED SIGNATORY
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-----End of the test report-----



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2
Kabir Nagar, Raipur (C.G.) - 492099
LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address of The Customer To, M/s DB Power Limited Village- Badadhara Dist.-Sakti (C.G) 495695	Report No.	UESPL/TR/25-26/02259	
	Lab Ref No.	UESPL/25-26/W/04531	
	Date of Sampling	14/09/2025	
	Date of Receipt	15/09/2025	
	Date of Report	19/09/2025	
	Date of analysis	Start: 15/09/2025	End: 19/09/2025
SAMPLE DETAILS			
Customer Sample Id /Sampling Location	Near – Mahanadi Rivers		
Customer Ref. No. & Date	8200006833, Dated: 22.07.2025		
Sample Type	Surface Water		
Packing of Sample	Plastic Bottle (5.0 Ltr.) Glass Bottle (1.0 Ltr.)		
Sample Collected By	Laboratory Chemist		
Sample Condition at Receipt	Ok		

REPORT NO.: 02259

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	RESULT
A. Organoleptic & Physical Parameters				
1	Colour	Hazen	IS:3025 (Part-4):2021	5
2	Odour	-	IS:3025 (Part-5):1983	Agreeable
3	pH Value at 25.2°C	-	IS:3025 (Part-11):2022	7.25
4	Taste	-	IS:3025 (Part-8):2017	Agreeable
5	Turbidity	NTU	IS:3025 (Part-10):2023	1.32
6	Total Dissolved Solids	mg/L	IS:3025 (Part-16):2023	278
B. General Parameters Concerning Substances undesirable in excessive amounts				
1	Aluminium (as Al)	mg/L	IS:3025 (Part-55):2003 RA 2019	N.D.
2	Ammonia (as total ammonia-N)	mg/L	APHA 24 th Ed.2023, 4500-NH ₃ -B&C, 424-425	N.D.
3	Anionic Detergent (as MBAS)	mg/L	APHA 24 th Ed.2023, 5540-MBAS-C, 585	N.D.
4	Barium (as Ba)	mg/L	APHA 24 th Ed.2023, 3500-Ba, 252	N.D.
5	Boron (as B)	mg/L	APHA 24 th Ed.2023, 4500-B-B, 328	N.D.
6	Calcium (as Ca)	mg/L	IS:3025 (Part-40):1991 RA 2019	41.68
7	Chloramines (as Cl ₂)	mg/L	IS:3025 (Part-26)	N.D.
8	Chloride (as Cl)	mg/L	IS:3025 (Part-32):1988 RA 2019	36.9
9	Copper (as Cu)	mg/L	IS:3025 (Part-42):1992 RA 2019	N.D.
10	Fluoride (as F)	mg/L	IS:3025 (Part-60):2008 RA 2019	0.14
11	Free Residual Chlorine	mg/L	IS:3025 (Part-26):2021	N.D.
12	Iron (as Fe)	mg/L	IS:3025 (Part-53):2003 RA 2019	0.071
13	Magnesium (as Mg)	mg/L	APHA 24 th Ed.2023, 3500-Mg-B, 274	13.61
14	Manganese (as Mn)	mg/L	USEPA - SW - 846 : Method -7000B	N.D.
15	Mineral Oil	mg/L	Clause 6 of IS 3025 (Part-39) Infrared partition method	N.D.
16	Nitrate (as NO ₃)	mg/L	APHA 24 th Ed.2023, 4500-NO ₃ -B, 434-435	16.39
17	Phenolic Compound (as C ₆ H ₅ OH)	mg/L	APHA 24 th Ed.2023, 6420-P-OH-C, 702	N.D.
18	Selenium (as Se)	mg/L	IS:3025 (Part-56):2003	N.D.
19	Silver (as Ag)	mg/L	APHA 24 th Ed.2023, 3500-Ag, 289	N.D.
20	Sulphate (as SO ₄)	mg/L	IS:3025 (Part-24/Sec.1):2022	35.21
21	Sulphide (as H ₂ S)	mg/L	IS:3025 (Part 29):2023	N.D.
22	Total Alkalinity (as CaCO ₃)	mg/L	IS:3025 (Part-23)-2023	106
23	Total Hardness (as CaCO ₃)	mg/L	IS:3025 (Part-21):2009 RA 2019	160
24	Zinc (as Zn)	mg/L	IS:3025 (Part-49):1994 RA 2019	N.D.
C. Parameters concerning toxic substances:-				
1	Cadmium (as Cd)	mg/L	IS:3025 (Part-41):2023	N.D.
2	Cyanide (as CN)	mg/L	APHA 24 th Ed.2023, 4500-CN--F, 374	N.D.
3	Lead (as Pb)	mg/L	IS:3025 (Part-47):1994 RA 2019	N.D.
4	Mercury (as Hg)	mg/L	IS:3025 (Part-48):1994 RA 2019	N.D.
5	Molybdenum (as Mo)	mg/L	IS:3025 (Part-2)	N.D.



Ultimate
ENVIROLYTICAL SOLUTIONS PVT. LTD.

LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

REPORT NO.: 02259

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	RESULT
6	Nickel (as Ni)	mg/L	IS:3025(Part-54):2003 RA 2019	N.D.
7	Polychlorinated biphenyls	mg/L	APHA 24 th Ed. 6431-PCB-B, 702	N.D.
8	Polynuclear aromatic hydrocarbons (as PAH)	mg/L	APHA 24 th Ed. 6440-PAH-B, 703	N.D.
9	Arsenic (as As)	mg/L	IS:3025(Part-37):2022	N.D.
10	Chromium (as Cr)	mg/L	IS:3025(Part-52):2003 RA 2019	N.D.
11	Trihalomethanes:			
a)	Bromoform	mg/L	APHA 6232	N.D.
b)	Dibromochloromethane	mg/L	APHA 6232	N.D.
c)	Bromodichloromethane	mg/L	APHA 6232	N.D.
d)	Chloroform	mg/L	APHA 6232	N.D.
D.	Pesticides:-			
1	Alpha HCH	µg/l	USEPA 508	N.D.
2	Beta HCH	µg/l	USEPA 508	N.D.
3	Delta HCH	µg/l	USEPA 508	N.D.
4	Alachlor	µg/l	USEPA 525.2, 507	N.D.
5	Aldrin / Dieldrin	µg/l	USEPA 508	N.D.
6	Atrazine	µg/l	USEPA 525.2,8141 A	N.D.
7	Butachlor	µg/l	USEPA 525.2,8141 A	N.D.
8	Chlorpyrifos	µg/l	USEPA 525.2,8141 A	N.D.
9	DDT (o,p and p, p-Isomers of DDT, DDE and DDD)	µg/l	USEPA 508	N.D.
10	Gamma HCH	µg/l	USEPA 508	N.D.
11	2,4-Dichlorophenoxyacetic Acid	µg/l	USEPA 515.1	N.D.
12	Endosulphan (alpha, beta and sulphate)	µg/l	USEPA 508	N.D.
13	Ethion	µg/l	USEPA 1657 A	N.D.
14	Isoproturon	µg/l	USEPA 532	N.D.
15	Malathion	µg/l	USEPA 8141 A	N.D.
16	Methyl Parathion	µg/l	USEPA 8141 A	N.D.
17	Monocrotophos	µg/l	USEPA 8141 A	N.D.
18	Phorate	µg/l	USEPA 8141 A	N.D.
E.	Microbial Parameters			
1	Total Coliform	MPN/100ml	IS:1622:1981:RA:2019	110
2	E. Coli	MPN/100ml	IS:1622:1981:RA:2019	27

Note: mg/lit.: milligram per liter, N.D. - Not Detected

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

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- > Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- > This is for information as the party has asked for above test(s) only.

REVIEWED BY



For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD

AUTHORIZED SIGNATORY

-----End of the test report-----



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2
Kabir Nagar, Raipur (C.G.) - 492099
LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address of The Customer		Report No.	UESPL/TR/25-26/02260	
To, M/s DB Power Limited Village- Badadhara Dist.-Sakti (C.G) 495695		Lab Ref No.	UESPL/25-26/W/04532-04533	
		Date of Sampling	16/09/2025	
		Date of Receipt	17/09/2025	
		Date of Report	22/09/2025	
		Date of Analysis	Start: 17/09/2025	End: 22/09/2025
SAMPLE DETAILS				
Sample Type		Sewage Water		
Customer Ref. No. & Date		8200006833, Dated: 22.07.2025		
Customer Sample ID		1. Near – Silo Area STP # 01 2. Near – Store STP # 02		
Sample Condition at Receipt		Ok (Sealed)		
Packing of Sample		4 L X 1 No. Plastic Bottle, 1 L X 1 No. Glass Bottle		
Sample Collected By		Laboratory Chemist		
Quantity Received		5 Ltr		

TEST REPORT

Sr. No.	PARAMETER	UNIT	METHOD OF TEST	Limits as per MOEF Notification	RESULTS	
					Near – Silo Area STP # 01	Near – Store STP # 02
1	pH Value	-	IS:3025: (Part-11) :2022	5.5 to 9.0	7.36	7.18
2	Total Suspended Solid	mg/L	IS:3025: (Part-17) :2022	100	25.4	24.6
3	Chemical Oxygen Demand	mg/L	IS:3025: (Part-58) :2023	250	100	70
4	Bio-chemical Oxygen Demand at 27°C for three day	mg/L	IS:3025: (Part-44) :2023	30	22.4	15.4
5	Oil & Grease	mg/L	IS:3025: (Part-39) :2021	10.0	N.D.	N.D.
6	Total Nitrogen	mg/L	APHA 24 th Ed.2023, 4500-Norg-B&C 452-453 & 4500-NH3-B&C, 424-425 & 4500-NO3-B, 434 & 4500-NO2-B, 449	-	16.64	15.24
7	Total Phosphorus	mg/L	IS:3025 (Part-31)-1988 RA 2022	-	5.19	6.52
8	Faecal Coliform	MPN/100	APHA 24 th Edition2023 - 9221-B,C,E1	-	<1.8	<1.8

Note: mg/lit.: milligram per liter, N.D. – Not Detected.

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

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- Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(s) only.

 22/9/25	
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-----End of the test report-----



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2
Kabir Nagar, Raipur (C.G.) - 492099
LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4523921, 911184455, Email : uespllab@gmail.com

Name & Address Of The Customer		Report No.	UESPL/TR/25-26/02261
To, M/s DB Power Limited Village- Badadhara Dist.-Sakti (C.G) 495695		Lab Ref No.	UESPL/25-26/W/04534-04535
		Date of Sampling	16/09/2025
		Date of Receipt	17/09/2025
		Date of Report	22/09/2025
		Date of Analysis	Start: 17/09/2025 End: 22/09/2025
SAMPLE DETAILS			
Sample Type		Sewage Water	
Customer Ref. No. & Date		8200006833, Dated: 22.07.2025	
Customer Sample ID		1. Near – DM Plant STP # 03 2. Near – CW Chlorination # 04	
Sample Condition at Receipt		Ok (Sealed)	
Packing of Sample		4 L X 1 No. Plastic Bottle, 1 L X 1 No. Glass Bottle	
Sample Collected By		Laboratory Chemist	
Quantity Received		5 Ltr	

TEST REPORT

Sr. No.	PARAMETER	UNIT	METHOD OF TEST	Limits as per MOEF Notification	RESULTS	
					Near – DM Plant STP # 03	Near – CW Chlorination # 04
1	pH Value	-	IS:3025: (Part-11) : 2022	5.5 to 9.0	7.56	7.22
2	Total Suspended Solid	mg/L	IS:3025: (Part-17) : 2022	100	20.6	18.6
3	Chemical Oxygen Demand	mg/L	IS:3025: (Part-58) : 2023	250	80	70
4	Bio-chemical Oxygen Demand at 27°C for three day	mg/L	IS:3025: (Part-44) : 2023	30	16.4	14.8
5	Oil & Grease	mg/L	IS:3025: (Part-39) : 2021	10.0	N.D.	N.D.
6	Total Nitrogen	mg/L	APHA 24 th Ed. 2023, 4500-Norg-B&C 452-453 & 4500-NH3-B&C, 424-425 & 4500-NO3-B, 434 & 4500-NO2-B, 449	-	17.89	13.65
7	Total Phosphorus	mg/L	IS:3025 (Part-31)- 1988 RA 2022	-	4.28	3.26
8	Faecal Coliform	MPN/100	APHA 24 th Edition 2023 - 9221-B, C, E1	-	<1.8	<1.8

Note: mg/lit.: milligram per liter, N.D. – Not Detected.

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

- The report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(s) only.

REVIEWED BY



For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD

AUTHORIZED SIGNATORY

-----End of the test report-----



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2
Kabir Nagar, Raipur (C.G.) - 492099
LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address of The Customer To, M/s DB Power Limited Village- Badadhara Dist.-Sakti (C.G) 495695	Report No.	UESPL/TR/25-26/02262	
	Lab Ref No.	UESPL/25-26/W/04536-04537	
	Date of Sampling	16/09/2025	
	Date of Receipt	17/09/2025	
	Date of Report	22/09/2025	
	Date of Analysis	Start: 17/09/2025	End: 22/09/2025
SAMPLE DETAILS			
Sample Type	Sewage Water		
Customer Ref. No. & Date	8200006833, Dated: 22.07.2025		
Customer Sample ID	1. Near Chemical House STP # 05 2. Hydrogen Plant STP # 06		
Sample Condition at Receipt	Ok (Sealed)		
Packing of Sample	4 L X 1 No. Plastic Bottle, 1 L X 1 No. Glass Bottle		
Sample Collected By	Laboratory Chemist		
Quantity Received	5 Ltr		

TEST REPORT						
Sr. No.	PARAMETER	UNIT	METHOD OF TEST	Limits as per MOEF Notification	RESULTS	
					Near Chemical House STP # 05	Hydrogen Plant STP # 06
1	pH Value	-	IS:3025: (Part-11) :2022	5.5 to 9.0	7.14	7.28
2	Total Suspended Solid	mg/L	IS:3025: (Part-17) :2022	100	28.4	27.6
3	Chemical Oxygen Demand	mg/L	IS:3025: (Part-58) :2023	250	130	90
4	Bio-chemical Oxygen Demand at 27°C for three day	mg/L	IS:3025: (Part-44) :2023	30	26.6	19.6
5	Oil & Grease	mg/L	IS:3025: (Part-39) :2021	10.0	N.D.	N.D.
6	Total Nitrogen	mg/L	APHA 24 th Ed.2023, 4500-Norg-B&C 452-453 & 4500-NH3-B&C, 424-425 & 4500-NO3-B, 434 & 4500-NO2-B, 449	-	14.48	13.62
7	Total Phosphorus	mg/L	IS:3025 (Part-31)-1988 RA 2022	-	7.11	5.19
8	Faecal Coliform	MPN/100	APHA 24 th Edition2023 - 9221-B,C,E1	-	<1.8	<1.8

Note: mg/lit.: milligram per liter, N.D. – Not Detected.

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

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- > This is for information as the party has asked for above test(s) only.

 REVIEWED BY	 For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD	 AUTHORIZED SIGNATORY
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-----End of the test report-----



Ultimate
ENVIROLYTICAL SOLUTIONS PVT. LTD.

LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address Of The Customer		Report No.	UESPL/TR/25-26/02263	
To,		Lab Ref No.	UESPL/25-26/W/04538-04539	
M/s DB Power Limited		Date of Sampling	16/09/2025	
Village- Badadhara		Date of Receipt	17/09/2025	
Dist.-Sakti (C.G) 495695		Date of Report	22/09/2025	
		Date of Analysis	Start: 17/09/2025	End: 22/09/2025
SAMPLE DETAILS				
Sample Type		Sewage Water		
Customer Ref. No. & Date		8200006833, Dated: 22.07.2025		
Customer Sample ID		1. Near - FOPH STP # 07 2. Near - Service Building STP # 08		
Sample Condition at Receipt		Ok (Sealed)		
Packing of Sample		4 L X 1 No. Plastic Bottle, 1 L X 1 No. Glass Bottle		
Sample Collected By		Laboratory Chemist		
Quantity Received		5 Ltr		

TEST REPORT						
Sr. No.	PARAMETER	UNIT	METHOD OF TEST	Limits as per MOEF Notification	RESULTS	
					Near - FOPH STP # 07	Near - Service Building STP # 08
1	pH Value	-	IS:3025: (Part-11) :2022	5.5 to 9.0	7.32	7.22
2	Total Suspended Solid	mg/L	IS:3025: (Part-17) :2022	100	25.8	20.4
3	Chemical Oxygen Demand	mg/L	IS:3025: (Part-58) :2023	250	130	120
4	Bio-chemical Oxygen Demand at 27°C for three day	mg/L	IS:3025: (Part-44) :2023	30	25.6	22.4
5	Oil & Grease	mg/L	IS:3025: (Part-39) :2021	10.0	N.D.	N.D.
6	Total Nitrogen	mg/L	APHA 24 th Ed.2023, 4500-Norg-B&C 452-453 & 4500-NH3-B&C, 424-425 & 4500-NO3-B, 434 & 4500-NO2-B, 449	-	15.89	11.12
7	Total Phosphorus	mg/L	IS:3025 (Part-31)- 1988 RA 2022	-	7.14	6.24
8	Faecal Coliform	MPN/100	APHA 24 th Edition2023 - 9221-B,C,E1	-	<1.8	<1.8

Note: mg/lit.: milligram per liter, N.D. - Not Detected.

REMARKS: RESULTS ARE AS ABOVE

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- This is for information as the party has asked for above test(s) only.

 REVIEWED BY			For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD  AUTHORIZED SIGNATORY
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-----End of the test report-----



Ultimate
ENVIROLYTICAL SOLUTIONS PVT. LTD.

LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address of The Customer		Report No.	UESPL/TR/25-26/02264	
To,		Lab Ref No.	UESPL/25-26/W/04540-04541	
M/s DB Power Limited		Date of Sampling	16/09/2025	
Village- Badadhara		Date of Receipt	17/09/2025	
Dist.-Sakti (C.G) 495695		Date of Report	22/09/2025	
		Date of Analysis	Start: 17/09/2025	End: 22/09/2025
SAMPLE DETAILS				
Sample Type		Sewage Water		
Customer Ref. No. & Date		8200006833, Dated: 22.07.2025		
Customer Sample ID		1. Near -Main Control Room STP # 09 2. Ash Surry Pump House STP # 10		
Sample Condition at Receipt		Ok (Sealed)		
Packing of Sample		4 L X 1 No. Plastic Bottle, 1 L X 1 No. Glass Bottle		
Sample Collected By		Laboratory Chemist		
Quantity Received		5 Ltr		

TEST REPORT

Sr. No.	PARAMETER	UNIT	METHOD OF TEST	Limits as per MOEF Notification	RESULTS	
					Near - Main Control Room STP # 09	Ash Surry Pump House STP # 10
1	pH Value	-	IS:30250: (Part-11):2022	5.5 to 9.0	7.46	7.35
2	Total Suspended Solid	mg/L	IS:3025: (Part-17):2022	100	14.4	25.6
3	Chemical Oxygen Demand	mg/L	IS:3025: (Part-58):2023	250	80	70
4	Bio-chemical Oxygen Demand at 27°C for three day	mg/L	IS:3025: (Part-44):2023	30	15.6	13.8
5	Oil & Grease	mg/L	IS:3025: (Part-39):2021	10.0	N.D.	N.D.
6	Total Nitrogen	mg/L	APHA 24 th Ed.2023, 4500-Norg-B&C 452-453 & 4500-NH3-B&C, 424-425 & 4500-NO3-B, 434 & 4500-NO2-B, 449	-	13.69	11.82
7	Total Phosphorus	mg/L	IS:3025 (Part-31)-1988 RA 2022	-	4.12	4.87
8	Faecal Coliform	MPN/100	APHA 24 th Edition2023 - 9221-B,C,E1	-	<1.8	<1.8

Note: mg/lit.: milligram per liter, N.D. - Not Detected.

REMARKS: RESULTS ARE AS ABOVE

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 REVIEWED BY		 For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD	 AUTHORIZED SIGNATORY
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-----End of the test report-----



Ultimate
ENVIROLYTICAL SOLUTIONS PVT. LTD.

LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address Of The Customer		Report No.	UESPL/TR/25-26/02265	
To,		Lab Ref No.	UESPL/25-26/W/04542-04543	
M/s DB Power Limited		Date of Sampling	16/09/2025	
Village- Badadhara		Date of Receipt	17/09/2025	
Dist.-Sakti (C.G) 495695		Date of Report	22/09/2025	
		Date of Analysis	Start: 17/09/2025	End: 22/09/2025
SAMPLE DETAILS				
Sample Type		Sewage Water		
Customer Ref. No. & Date		8200006833, Dated: 22.07.2025		
Customer Sample ID		1. Near – TAC Building STP # 11 2. Near – ESP # 1 Building STP # 12		
Sample Condition at Receipt		Ok (Sealed)		
Packing of Sample		4 L X 1 No. Plastic Bottle, 1 L X 1 No. Glass Bottle		
Sample Collected By		Laboratory Chemist		
Quantity Received		5 Ltr		

TEST REPORT						
Sr. No.	PARAMETER	UNIT	METHOD OF TEST	Limits as per MOEF Notification	RESULTS	
					Near – TAC Building STP # 11	Near – ESP # 1 Building STP # 12
1	pH Value	-	IS:3025: (Part-11) :2022	5.5 to 9.0	7.24	7.36
2	Total Suspended Solid	mg/L	IS:3025: (Part-17) :2022	100	28.4	22.4
3	Chemical Oxygen Demand	mg/L	IS:3025: (Part-58) :2023	250	100	110
4	Bio-chemical Oxygen Demand at 27°C for three day	mg/L	IS:3025: (Part-44) :2023	30	20.4	23.4
5	Oil & Grease	mg/L	IS:3025: (Part-39) :2021	10.0	N.D.	N.D.
6	Total Nitrogen	mg/L	APHA 24 th Ed.2023, 4500-Norg-B&C 452-453 & 4500-NH3-B&C, 424-425 & 4500-NO3-B, 434 & 4500-NO2-B, 449	-	15.69	19.52
7	Total Phosphorus	mg/L	IS:3025 (Part-31)- 1988 RA 2022	-	6.58	7.29
8	Faecal Coliform	MPN/ 100	APHA 24 th Edition2023 - 9221-B,C,E1	-	<1.8	<1.8

Note: mg/lit.: milligram per liter, N.D. – Not Detected.

REMARKS: RESULTS ARE AS ABOVE

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- This is for information as the party has asked for above test(s) only.

 REVIEWED BY			For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD  AUTHORIZED SIGNATORY
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-----End of the test report-----



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2
Kabir Nagar, Raipur (C.G.) - 492099
LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address of The Customer		Report No.	UESPL/TR/25-26/02266	
To,		Lab Ref No.	UESPL/25-26/W/04544-04545	
M/s DB Power Limited		Date of Sampling	16/09/2025	
Village- Badadhara		Date of Receipt	17/09/2025	
Dist.-Sakti (C.G) 495695		Date of Report	22/09/2025	
		Date of Analysis	Start: 17/09/2025	End: 22/09/2025
SAMPLE DETAILS				
Sample Type		Sewage Water		
Customer Ref. No. & Date		8200006833, Dated: 22.07.2025		
Customer Sample ID		1. Near – ESP # 2 Building STP # 13 2. Near – Bunker MCC STP # 14		
Sample Condition at Receipt		Ok (Sealed)		
Packing of Sample		4 L X 1 No. Plastic Bottle, 1 L X 1 No. Glass Bottle		
Sample Collected By		Laboratory Chemist		
Quantity Received		5 Ltr		

TEST REPORT						
Sr. No.	PARAMETER	UNIT	METHOD OF TEST	Limits as per MOEF Notification	RESULTS	
					Near – ESP # 2 Building STP # 13	Near – Bunker MCC STP # 14
1	pH Value	-	IS:3025: (Part-11) :2022	5.5 to 9.0	7.29	7.46
2	Total Suspended Solid	mg/L	IS:3025: (Part-17) :2022	100	28.6	25.4
3	Chemical Oxygen Demand	mg/L	IS:3025: (Part-58) :2023	250	70	90
4	Bio-chemical Oxygen Demand at 27°C for three day	mg/L	IS:3025: (Part-44) :2023	30	17.6	19.4
5	Oil & Grease	mg/L	IS:3025: (Part-39) :2021	10.0	N.D.	N.D.
6	Total Nitrogen	mg/L	APHA 24 th Ed.2023, 4500-Norg-B&C 452-453 & 4500-NH3-B&C, 424-425 & 4500-NO3-B, 434 & 4500-NO2-B, 449	-	8.44	1.29
7	Total Phosphorus	mg/L	IS:3025 (Part-31)-1988 RA 2022	-	4.33	5.86
8	Faecal Coliform	MPN/100	APHA 24 th Edition2023 - 9221-B,C,E1	-	<1.8	<1.8

Note: mg/lit.: milligram per liter, N.D. – Not Detected.

REMARKS: RESULTS ARE AS ABOVE

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- This is for information as the party has asked for above test(s) only.

 REVIEWED BY			For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD  AUTHORIZED SIGNATORY
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-----End of the test report-----



Ultimate
ENVIROLYTICAL SOLUTIONS PVT. LTD.

LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2
Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address Of The Customer		Report No.	UESPL/TR/25-26/02267
To,		Lab Ref No.	UESPL/25-26/W/04546-04547
M/s DB Power Limited		Date of Sampling	16/09/2025
Village- Badadhara		Date of Receipt	17/09/2025
Dist.-Sakti (C.G) 495695		Date of Report	22/09/2025
		Date of Analysis	Start: 17/09/2025 End: 22/09/2025
SAMPLE DETAILS			
Sample Type	Sewage Water		
Customer Ref. No. & Date	8200006833, Dated: 22.07.2025		
Customer Sample ID	1. Near - CHP STP # 15 2. Near - Aditya Canteen STP # 16		
Sample Condition at Receipt	Ok (Sealed)		
Packing of Sample	4 L X 1 No. Plastic Bottle, 1 L X 1 No. Glass Bottle		
Sample Collected By	Laboratory Chemist		
Quantity Received	5 Ltr		

TEST REPORT

Sr. No.	PARAMETER	UNIT	METHOD OF TEST	Limits as per MOEF Notification	RESULTS	
					Near - CHP STP # 15	Near - Aditya Canteen STP # 16
1	pH Value	-	IS:3025: (Part-11) :2022	5.5 to 9.0	7.31	7.18
2	Total Suspended Solid	mg/L	IS:3025: (Part-17) :2022	100	26.4	27.6
3	Chemical Oxygen Demand	mg/L	IS:3025: (Part-58) :2023	250	120	80
4	Bio-chemical Oxygen Demand at 27°C for three day	mg/L	IS:3025: (Part-44) :2023	30	26.2	18.8
5	Oil & Grease	mg/L	IS:3025: (Part-39) :2021	10.0	N.D.	N.D.
6	Total Nitrogen	mg/L	APHA 24 th Ed.2023, 4500-Norg-B&C 452-453 & 4500-NH3-B&C, 424-425 & 4500-NO3-B, 434 & 4500-NO2-B, 449	-	13.54	10.47
7	Total Phosphorus	mg/L	IS:3025 (Part-31) - 1988 RA 2022	-	8.52	5.44
8	Faecal Coliform	MPN/100	APHA 24 th Edition2023 - 9221-B,C,E1	-	<1.8	<1.8

Note: mg/lit.: milligram per liter, N.D. - Not Detected.

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

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- This is for information as the party has asked for above test(s) only.

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-----End of the test report-----



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2
Kabir Nagar, Raipur (C.G.) - 492099
LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address Of The Customer		Report No.	UESPL/TR/25-26/02268
To, M/s DB Power Limited Village- Badadhara Dist.-Sakti (C.G) 495695		Lab Ref No.	UESPL/25-26/W/04548
		Date of Sampling	11/09/2025
		Date of Receipt	12/09/2025
		Date of Report	16/09/2025
		Date of Analysis	Start: 12/09/2025 End: 16/09/2025
SAMPLE DETAILS			
Sample Type	Effluent water		
Customer Ref. No. & Date	8200006833, Dated: 22.07.2025		
Customer Sample ID	Near - Guard Pond Inlet		
Sample Condition at Receipt	Ok (Sealed)		
Packing of Sample	4 L X 1 No. Plastic Bottle, 1 L X 1 No. Glass Bottle		
Sample Collected By	Laboratory Chemist		
Quantity Received	5 Ltr		

TEST REPORT				
Sr. No.	PARAMETER	UNIT	METHOD OF TEST	RESULTS
1	pH Value	-	IS:3025: (Part-11) :2022	7.62
2	Total Suspended Solid	mg/L	IS:3025: (Part-17) :2022	52.6
3	Chemical Oxygen Demand	mg/L	IS:3025: (Part-58) :2023	130
4	Bio-chemical Oxygen Demand at 27°C for three day	mg/L	IS:3025: (Part-44) :2023	30.8
5	Oil & Grease	mg/L	IS:3025: (Part-39) :2021	1.4

Note: mg/lit.: milligram per liter, N.D. - Not Detected.

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

- The report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(s) only.

 REVIEWED BY		For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD  AUTHORIZED SIGNATORY
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-----End of the test report-----



Ultimate
ENVIROLYTICAL SOLUTIONS PVT. LTD.

LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address of The Customer		Report No.	UESPL/TR/25-26/02269	
To,		Lab Ref No.	UESPL/25-26/W/04549	
M/s DB Power Limited		Date of Sampling	11/09/2025	
Village- Badadhara		Date of Receipt	12/09/2025	
Dist.-Sakti (C.G) 495695		Date of Report	16/09/2025	
		Date of Analysis	Start: 12/09/2025	End: 16/09/2025
SAMPLE DETAILS				
Sample Type		Effluent water		
Customer Ref. No. & Date		8200006833, Dated: 22.07.2025		
Customer Sample ID		Ash Pond Recovery Pond		
Sample Condition at Receipt		Ok (Sealed)		
Packing of Sample		3 L X 1 No. PVC Can 1 L X 1 No. PVC Can 1 L X 1 No. Glass Bottle		
Sample Collected By		Laboratory Chemist		
Quantity Received		5 Ltr		

TEST REPORT					
Sr. No.	PARAMETER	UNIT	METHOD OF TEST	Limits as per Consent	RESULTS
1	pH	-	IS:3025: (Part-11) :2022	6.5 to 8.5	7.19
2	Total Suspended Solid	mg/L	IS:3025: (Part-17) :2022	100	25.2
3	Oil & Grease	mg/L	IS:3025: (Part-39) :2021	20	N.D.

Note: mg/lit.: milligram per liter, N.D. – Not Detected.

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

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- This is for information as the party has asked for above test(s) only.

 REVIEWED BY		<p>For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD</p>  AUTHORIZED SIGNATORY
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-----End of the test report-----



Ultimate
ENVIROLYTICAL SOLUTIONS PVT. LTD.

LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address Of The Customer To, M/s DB Power Limited Village- Badadhara Dist.-Sakti (C.G) 495695	Report No.	UESPL/TR/25-26/02270	
	Lab Ref No.	UESPL/25-26/W/04550	
	Date of Sampling	11/09/2025	
	Date of Receipt	12/09/2025	
	Date of Report	16/09/2025	
	Date of Analysis	Start: 12/09/2025	End: 16/09/2025
SAMPLE DETAILS			
Sample Type	Effluent water		
Customer Ref. No. & Date	8200006833, Dated: 22.07.2025		
Customer Sample ID	AWRS Treated Water		
Sample Condition at Receipt	Ok (Sealed)		
Packing of Sample	3 L X 1 No. PVC Can 1 L X 1 No. PVC Can 1 L X 1 No. Glass Bottle		
Sample Collected By	Laboratory Chemist		
Quantity Received	5 Ltr		

TEST REPORT					
Sr. No.	PARAMETER	UNIT	METHOD OF TEST	Limits as per MOEF Notification	RESULTS
1	Temperature	°C	IS:3025: (Part-9) :1983, RA 2002	Not More than 5°C higher than the intake water temperature	25.2
2	pH Value	-	IS:3025: (Part-11) :2022	5.5 to 9.0	7.4
3	Total Suspended Solid	mg/L	IS:3025: (Part-17) :2022	100	42.4
4	Chemical Oxygen Demand	mg/L	IS:3025: (Part-58) :2023	250	60
5	Bio-chemical Oxygen Demand at 27°C for three day	mg/L	IS:3025: (Part-44) :2023	30	8.6
6	Oil & Grease	mg/L	IS:3025: (Part-39) :2021	10.0	1.2
7	Phosphate (as PO ₄)	mg/L	IS:3025: (Part-31) :1988, RA 2022	5.0	N.D.

Note: mg/lit.: milligram per liter, N.D. – Not Detected.

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

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- Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(s) only.

 REVIEWED BY		 AUTHORIZED SIGNATORY
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-----End of the test report-----



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2
Kabir Nagar, Raipur (C.G.) - 492099
LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address Of The Customer		Report No.	UESPL/TR/25-26/02271	
To, M/s DB Power Limited Village- Badadhara Dist.-Sakti (C.G) 495695		Lab Ref No.	UESPL/25-26/W/04551	
		Date of Sampling	11/09/2025	
		Date of Receipt	12/09/2025	
		Date of Report	16/09/2025	
		Date of Analysis	Start: 12/09/2025	End: 16/09/2025
SAMPLE DETAILS				
Sample Type		Effluent water		
Customer Ref. No. & Date		8200006833, Dated: 22.07.2025		
Customer Sample ID		Coal Settling Pond		
Sample Condition at Receipt		Ok (Sealed)		
Packing of Sample		3 L X 1 No. PVC Can 1 L X 1 No. PVC Can 1 L X 1 No. Glass Bottle		
Sample Collected By		Laboratory Chemist		
Quantity Received		5 Ltr		

TEST REPORT					
Sr. No.	PARAMETER	UNIT	METHOD OF TEST	Limits as per Consent	RESULTS
1	pH	-	IS:3025: (Part-11) :2022	6.5 to 8.5	7.36
2	Total Suspended Solid	mg/L	IS:3025: (Part-17) :2022	100	27.8
3	Oil & Grease	mg/L	IS:3025: (Part-39) :2021	20	N.D.

Note: mg/lit.: milligram per liter, N.D. – Not Detected.

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

- The report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(s) only.

 REVIEWED BY			For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD  16/09/25 AUTHORIZED SIGNATORY
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-----End of the test report-----



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2
Kabir Nagar, Raipur (C.G.) - 492099
LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address Of The Customer To, M/s DB Power Limited Village- Badadhara Dist.-Sakti (C.G) 495695	Report No.	UESPL/TR/25-26/02272	
	Lab Ref No.	UESPL/25-26/W/04552	
	Date of Sampling	11/09/2025	
	Date of Receipt	12/09/2025	
	Date of Report	16/09/2025	
	Date of Analysis	Start: 12/09/2025	End: 16/09/2025
SAMPLE DETAILS			
Sample Type	Effluent water		
Customer Ref. No. & Date	8200006833, Dated: 22.07.2025		
Customer Sample ID	Guard Pond Outlet		
Sample Condition at Receipt	Ok (Sealed)		
Packing of Sample	4 L X 1 No. Plastic Bottle, 1 L X 1 No. Glass Bottle		
Sample Collected By	Laboratory Chemist		
Quantity Received	5 Ltr		

TEST REPORT					
Sr. No.	PARAMETER	UNIT	METHOD OF TEST	Limits as per MOEF Notification	RESULTS
1	pH Value	-	IS:3025: (Part-11) :2022	5.5 to 9.0	7.28
2	Total Suspended Solid	mg/L	IS:3025: (Part-17) :2022	100	14.2
3	Chemical Oxygen Demand	mg/L	IS:3025: (Part-58) :2023	250	32
4	Bio-chemical Oxygen Demand at 27°C for three day	mg/L	IS:3025: (Part-44) :2023	30	9.2
5	Oil & Grease	mg/L	IS:3025: (Part-39) :2021	10.0	N.D.

Note: mg/lit.: milligram per liter, N.D. – Not Detected.

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

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- This is for information as the party has asked for above test(s) only.

 REVIEWED BY			For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD  AUTHORIZED SIGNATORY
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-----End of the test report-----



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2
Kabir Nagar, Raipur (C.G.) - 492099
LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address Of The Customer To, M/s DB Power Limited Village- Badadhara Dist.-Sakti (C.G) 495695	Report No.	UESPL/TR/25-26/02273	
	Lab Ref No.	UESPL/25-26/W/04553	
	Date of Sampling	11/09/2025	
	Date of Receipt	12/09/2025	
	Date of Report	16/09/2025	
	Date of Analysis	Start: 12/09/2025	End: 16/09/2025
SAMPLE DETAILS			
Sample Type	Effluent water		
Customer Ref. No. & Date	8200006833, Dated: 22.07.2025		
Customer Sample ID	Boiler Blow Down		
Sample Condition at Receipt	Ok (Sealed)		
Packing of Sample	4 L X 1 No. Plastic Bottle, 1 L X 1 No. Glass Bottle		
Sample Collected By	Laboratory Chemist		
Quantity Received	5 Ltr		

TEST REPORT					
Sr. No.	PARAMETER	UNIT	METHOD OF TEST	Limits as per MOEF Notification	RESULTS
1	Suspended Solid	mg/L	IS:3025: (Part-17) :2022	100	4.8
2	Copper (as Cu)	mg/L	IS:3025: (Part-42) :1992 RA 2019	1.0	N.D.
3	Iron (as Fe)	mg/L	IS:3025: (Part-53) :2003 RA 2019	1.0	N.D.
4	Oil & Grease	mg/L	IS:3025: (Part-39) :2021	10.0	N.D.

Note: mg/lit.: milligram per liter, N.D. – Not Detected.

REMARKS: RESULTS ARE AS ABOVE

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 REVIEWED BY			For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD  AUTHORIZED SIGNATORY
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-----End of the test report-----



Ultimate
ENVIROLYTICAL SOLUTIONS PVT. LTD.

LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address Of The Customer		Report No.	UESPL/TR/25-26/02274	
To, M/s DB Power Limited Village- Badadhara Dist.-Sakti (C.G) 495695		Lab Ref No.	UESPL/25-26/W/04554	
		Date of Sampling	11/09/2025	
		Date of Receipt	12/09/2025	
		Date of Report	16/09/2025	
		Date of Analysis	Start: 12/09/2025	End: 16/09/2025
SAMPLE DETAILS				
Sample Type		Effluent water		
Customer Ref. No. & Date		8200006833, Dated: 22.07.2025		
Customer Sample ID		CT Blow Down		
Sample Condition at Receipt		Ok (Sealed)		
Packing of Sample		4 L X 1 No. Plastic Bottle, 1 L X 1 No. Glass Bottle		
Sample Collected By		Laboratory Chemist		
Quantity Received		5 Ltr		

TEST REPORT					
Sr. No.	PARAMETER	UNIT	METHOD OF TEST	Limits as per MOEF Notification	RESULTS
1	Suspended Solid	mg/L	IS:3025: (Part-17) :2022	100	3.8
2	Copper (as Cu)	mg/L	IS:3025: (Part-42) :1992 RA 2019	1.0	N.D.
3	Iron (as Fe)	mg/L	IS:3025: (Part-53) :2003 RA 2019	1.0	N.D.
4	Oil & Grease	mg/L	IS:3025: (Part-39) :2021	10.0	N.D.

Note: mg/lit.: milligram per liter, N.D. – Not Detected.

REMARKS: RESULTS ARE AS ABOVE

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 REVIEWED BY		For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD  AUTHORIZED SIGNATORY
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-----End of the test report-----



Ultimate
ENVIROLYTICAL SOLUTIONS PVT. LTD.

LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2

Kabir Nagar, Raipur (C.G.) - 492099

LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099

Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

Name & Address Of The Customer		Report No.	UESPL/TR/25-26/02275	
To,		Lab Ref No.	UESPL/25-26/W/04555	
M/s DB Power Limited		Date of Sampling	11/09/2025	
Village- Badadhara		Date of Receipt	12/09/2025	
Dist.-Sakti (C.G) 495695		Date of Report	16/09/2025	
		Date of Analysis	Start: 12/09/2025	End: 16/09/2025
SAMPLE DETAILS				
Sample Type	Effluent water			
Customer Ref. No. & Date	8200006833, Dated: 22.07.2025			
Customer Sample ID	Condenser Cooling Water			
Sample Condition at Receipt	Ok (Sealed)			
Packing of Sample	3 L X 1 No. PVC Can 1 L X 1 No. PVC Can 1 L X 1 No. Glass Bottle			
Sample Collected By	Laboratory Chemist			
Quantity Received	5 Ltr			

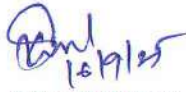


TEST REPORT					
Sr. No.	PARAMETER	UNIT	METHOD OF TEST	Limits as per Consent	RESULTS
1	pH	-	IS:3025: (Part-11) :2022	6.5 to 8.5	7.25
2	Temperature	°C	IS:3025: (Part-9) :1983, RA 2002	Not More than 5°C higher than the intake water temperature	25.8
3	Total Suspended Solids (TSS)	mg/L	IS:3025: (Part-17) :2022	100	18.6
4	Oil & Grease	mg/L	IS:3025: (Part-39) :2021	10.0	ND
5	Chemical Oxygen Demand	mg/L	IS:3025: (Part-58) :2023	250	50
6	Bio-chemical Oxygen Demand at 27°C for three day	mg/L	IS:3025: (Part-44) :2023	30	14.2
7	Phosphate as PO ₄	mg/L	IS:3025: (Part-31) :1988, RA 2002	5.0	N.D.
8	Free Available Chlorine	mg/L	APHA 24 th Ed. 2023, 4500-Cl-B, 340	0.3	0.2

Note: mg/lit.: milligram per liter, N.D. – Not Detected.

REMARKS: RESULTS ARE AS ABOVE

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- This is for information as the party has asked for above test(s) only.

 REVIEWED BY			For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD  AUTHORIZED SIGNATORY
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-----End of the test report-----



सीएसआईआर - खनिज एवं पदार्थ प्रौद्योगिकी संस्थान
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद)
भुवनेश्वर-751013, ओडिशा, भारत
CSIR - INSTITUTE OF MINERALS & MATERIALS TECHNOLOGY
(Council of Scientific & Industrial Research)
Bhubaneswar - 751013, Odisha, INDIA



TEST REPORT

Ref. No. : LT02-CCD/24/80

Date: 03.02.2025

Name & Address of the Party of:

M/s. DB Power Limited
Distt: Janjgir-Champa,
CHHATTISGARH - 495695

Sample Details:

1. Fly ash (one) 2. Pond ash (one)

Date of Receiving:

24.12.2024

Date(s) of Conducting Test:

03.01.2025

Date of Completion of Test:

24.01.2025

Method Adopted/ Standard:

(a) **Compositional chemical analysis** by ICP-OES and AAS.

b) **Leaching study 1-** Toxicity Characteristic Leaching Procedure (TCLP) study as per US-EPA method 1311.

Leaching study 2- Waste Extraction Test (WET) Procedure given in Appendix II of section 66261 of Title 22 of California Code Regulations (CCR) to compare with Soluble Threshold Limit Concentration (STLC).

Analysis of leaching solutions by AAS, ICP-OES & Ionometry.


Detail Report:

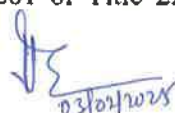
Following data tables are enclosed:

Table-1. Compositional chemical analysis of Ash samples.

Table-2. Experimental variables for Toxicity Characteristic Leaching Procedure (TCLP) study of Ash samples conducted as per US-EPA method 1311.

Table-3. Trace element analysis of TCLP or WET Procedure solutions of Ash samples: Leaching studies conducted as per US-EPA method 1311 and Appendix II of section 66261 of Title 22 of California Code Regulations (CCR).


(Dr. B. Nayak)
Chief Scientist
& Head, CCD


(Dr. J. Das)
Pr. Technical Officer
Central Characterization Dept.

N.B.: - The samples are not drawn by CSIR-IMMT. Liability, if any, for CSIR/IMMT arising in connection with the testing shall be subject to ceiling of amount received by the institute from the client. The report should not be interpreted in part.


TEST REPORT


Ref. No. : LT02-CCD/24/80

Date: 03.02.2025

Table-1. Compositional chemical analysis of ash samples

Sl. No.	Component	Concentration in Ash Test Samples, %	
		Fly ash	Pond Ash
1	SiO ₂	61.75	62.60
2	Al ₂ O ₃	26.34	23.39
3	Fe ₂ O ₃	4.25	6.20
4	TiO ₂	1.61	1.39
5	CaO	0.6	0.62
6	MgO	0.34	0.30
7	Na ₂ O	0.61	0.56
8	K ₂ O	1.31	1.06
9	Cr	0.013	0.015
10	Mn	0.018	0.046
11	Ni	0.005	0.004
12	Co	0.003	0.001
13	Zn	0.020	0.008
14	Pb	0.005	0.003
15	P ₂ O ₅	0.27	0.29
16	S as SO ₃	0.07	0.13
17	LOI	0.52	0.98


(Dr. B. Nayak)
Chief Scientist
& Head, CCD


(Dr. J. Das)
Pr. Technical Officer
Central Characterization Dept.


TEST REPORT


Ref. No. : LT02-CCD/24/80

Date: 03.02.2025

Table-2. Experimental variables for Toxicity Characteristic Leaching Procedure (TCLP) study of Ash samples conducted as per US-EPA method 1311.

Sl. No.	TCLP study Variables	Variable Data	
		Fly Ash	Pond Ash
1	TCLP study method	US-EPA Method-1311	US-EPA Method-1311
2	Sample type	Dust, Particle size < 100 μ m	Dust and Gravels, Particle size < 8 mm
3	Sample particle size taken for leaching	Original sample	Original sample
4	Initial pH of samples	7.5	8.7
5	pH after HCl + heat	1.9	1.8
6	Extraction fluid used	Extraction fluid -1	Extraction fluid -1
7	pH of Extraction fluids	4.93	4.93
8	Sample taken for leaching, gm	50	50
9	Volume of extraction fluid used, ml	1000	1000
10	Liquid/solid ratio	20:1	20:1
11	Head space	10%	10%
12	Extraction Temperature °C	28	28
13	Extraction Time, hour	18	18
14	Filter	Glass micro fiber, Whatman GF/C	Glass micro fiber, Whatman GF/C
15	Washing of filters	With dil. HNO ₃ and distilled water	With dil. HNO ₃ and distilled water
16	pH of recovered extraction fluid	5.1	5.2


(Dr. B. Nayak)
Chief Scientist
& Head, CCD


(Dr. J. Das)
Pr. Technical Officer
Central Characterization Dept.

TEST REPORT


Ref. No. : LT02-CCD/24/80

Date: 03.02.2025

Table-3. Trace element analysis of TCLP or WET Procedure solutions of Ash samples; leaching studies conducted as per US-EPA method 1311 and Appendix II of section 66261 of Title 22 of California Code Regulations (CCR).

Sl. No.	Component	Concentrations in TCLP or WET* leaching solutions of Ash test samples (mg/L)		Waste constituents concentration limits of TCLP or STLC. US-EPA and California Code of Regulations (mg/L)
		Fly Ash	Pond Ash	
1	As	0.095	0.034	5.0
2	Ba	0.18	0.14	100.0
3	Cd	BDL	BDL	1.0
4	Co*	0.018	0.031	80.0
5	Cr	0.01	0.006	5.0
6	Cu*	0.20	0.019	25.0
7	F ⁻	10.7	1.38	180.0
8	Fe	0.172	0.006	-
9	Hg	0.001	0.0008	0.2
10	Mn	0.15	0.13	10.0
11	Ni*	0.20	0.23	20.0
12	Pb	BDL	BDL	5.0
13	Zn*	0.42	0.35	250

Remark: The TCLP and WET leaching solution analyses of fly ash and bed ash samples reveal that trace element concentrations are much below the Waste constituent concentration limits. Therefore, the ash samples are non-hazardous materials and their use as land filling or mine void dumping will not have any adverse effect on the ground water quality in respect of the analyzed parameters.


(Dr. B. Nayak)
Chief Scientist
& Head, CCD


(Dr. J. Das)
Pr. Technical Officer
Central Characterization Dept.

GREEN BELT MONITORING & EVALUATION REPORT

GREEN BELT MONITORING & EVALUATION REPORT - FY-2024-25

M/s D B POWER PVT. LTD.



28-Nov-24

"SOCIETY FOR ENVIRONMENT & INTEGRATED DEVELOPMENT RAIPUR"
"SEIDR"

GREEN BELT MONITORING & EVALUATION REPORT

MONITORING & EVALUATION OF GREEN BELT DEVELOPMENT

OF

**M/s DB POWER PVT. LTD.
VILLAGE - BADADAHARA (SAKTI)**

**Survey & Evaluation by: "Society for Evaluation &
Integrated Development Raipur"**

REPORT PREPAIRD BY: Mr. S. K. Roy (Retd. A. C. F. Chhattisgarh Forest)



GREEN BELT MONITORING & EVALUATION REPORT

GREEN BELT MONITORING & EVALUATION REPORT M/s D B POWER PVT. LTD. BADADAHARA

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PART - 'A'

INTRODUCTION:

M/s DB POWER LTD. Is located at village -Badadhara, Dist. Sakti (CG).

- Registered Office: - Office Block IA, 5th Floor, Corporate Block, D B City Area Hills Opp. MP Nagar Zone - I, Bhopal 462016.
- Corporate Office: - Nariman Corporate Link, C-31G Block, BKC Bandra (E), Mumbai 400050.

Green vegetation cover offers numerous benefits for the environment and society. It aids in conserving biodiversity by providing habitats for various species. Additionally, it helps retain soil moisture, facilitating agricultural productivity and reducing erosion. Green cover also contributes to groundwater recharge, ensuring sustainable water resources. Moreover, it plays a crucial role in maintaining a pleasant microclimate in regions, offering shade and cooling effects. Overall, green vegetation cover is essential for ecological balance and human well-being.

- Regulations/ Environmental Law for Green Belts Development in India:

The regulation and environmental laws pertaining to green belt development in India are primarily governed by the following:

1. Environment Protection Act, 1986 (EPA): This is the umbrella legislation for environmental protection in India. It empowers the central government to take measures for the protection and improvement of the environment. Under this Act, Environmental Impact Assessment (EIA) is mandatory for certain projects including those affecting green belts.
2. Forest (Conservation) Act, 1980: This Act regulates the diversion of forest land for non-forest purposes, including for green belt development. It requires prior approval from the central government for such diversions.
3. Wildlife Protection Act, 1972: This Act aims to protect wildlife and their habitats. It prohibits certain activities within protected areas, which often include green belts.
4. Town and Country Planning Acts: Different states in India have their own town and country planning acts which regulate land use and development activities, including provisions for green belts.
5. Local Municipal Laws: Municipal laws and by-laws often include provisions for maintaining green spaces within urban areas.
6. National Green Tribunal (NGT): The NGT is a specialized body in India that handles cases related to environmental protection and conservation. It plays a crucial role in ensuring compliance with environmental laws, including those related to green belts.
7. Environmental Clearance: Projects that impact the environment, including those affecting green belts, require environmental clearance from the Ministry of Environment, Forest and Climate Change (MoEF&CC) or the State Environmental Impact Assessment Authority (SEIAA) depending on the scale of the project.
8. Land Acquisition Act, 2013: In cases where land needs to be acquired for green belt development, the Land Acquisition Act provides the legal framework for fair compensation and rehabilitation of affected persons.

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9. Local Government Regulations: Municipal corporations and local governing bodies often have regulations pertaining to green spaces, parks, and open areas within their jurisdictions.

These laws and regulations collectively aim to ensure sustainable development while protecting and preserving green spaces and the environment in India. Compliance with these regulations is crucial for any development activities, including those involving green belts, to avoid legal complications and environmental damage.

This refers to environmental regulations or guidelines set forth by the Ministry of Environment, Forest and Climate Change (MoEF&CC) regarding the establishment of green belts around industrial plants. These regulations typically aim to mitigate the environmental impact of industrial activities by promoting the creation of green spaces.

According to the stipulations mentioned, a green belt must be established around the plant by planting trees. The total area of the green belt, including landscaping areas, should be one-third (33%) of the total plant area. This means that a significant portion of the plant area will be dedicated to greenery and landscaping to improve the environmental aesthetics and ecological balance.

Additionally, it is also mentioned to lay down areas that will be converted into green spaces later on. This suggests that there may be temporary areas within the plant site that will eventually be transformed into green zones as part of the overall green belt development.

Following these regulations will not only help in complying with environmental laws but also contributes to biodiversity conservation, air quality improvement, and overall environmental sustainability.

1. ABOUT PROJECT

M/s DB Power Pvt. Ltd. situated at Village - Badadarha, District - Sakti (C.G.) is an integrated coal based super thermal power plant of 2×600 MW capacity Power Generation Plant equipped with advanced technology for the production of Power products. Its operational site office is situated at village - Badadahra. District - Sakti (C.G.) India.

2. LOCATION OF PLANT AND ACCESSIBILITY

The plant area of M/s DB Power Pvt. Ltd. situated at Village - Badadarha (Nandeli Road) Sakti - district, Chhattisgarh State. It's approximately 20 kilometers away from Kharsia city and just 18 kilometers from Bilaspur- Raigarh (NH 49). Access to the project site is facilitated by both bitumen roads. The Kharsia railway station, located on the Mumbai- Howrah broad gauge mainline of the South-Eastern-Central Railway, is about 21 kilometers away from the project area. Additionally, the Bilasa Devi Kewat Domestic Airport is approximately 112 kilometers away from the M/s D B Power Limited.

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3. AREA DESCRIPTION

- I. Plant Area - Approx. 630 Acres (254.952 HA.)
- II. Existing Green belt area - 211 Acres (85.38 Ha.)

4. GREEN BELT

Establishing an Environment Management Department (EMD) demonstrates M/s DB Power Ltd. commitment to environmental responsibility and compliance with regulations set forth by the Ministry of Environment, Forest and Climate Change (MoEF&CC), Central Pollution Control Board (CPCB), and the Chhattisgarh Environment Conservation Board. The green belt development mandate in India aims to mitigate environmental impact, particularly in industrial sectors like steel production.

DB POWER'S EMD likely oversees various pollution control measures, including but not limited to:

1. Implementing technologies for reducing emissions of pollutants such as particulate matter.
2. Monitoring air, water, and soil quality to ensure compliance with regulatory standards.
3. Managing waste generated during the steel production process, including hazardous and non-hazardous waste, through proper disposal or recycling methods.
4. Developing and maintaining green belts or vegetative barriers around the industrial facility to mitigate air and noise pollution, improve aesthetics, and provide ecological benefits such as biodiversity conservation and soil stabilization.
5. By establishing an EMD, DB Power not only fulfils its legal obligations but also demonstrates a proactive approach to environmental stewardship and sustainable business practices. This department plays a crucial role in ensuring that the company operates in harmony with its surroundings while minimizing its environmental footprint.

The Green Belt helps to capture the fugitive emission and attenuate the noise apart from improving the aesthetics of the region. Of total area (630 acres approx.) of the project site, 33% area (211 acres) shall be developed as green belt all along the boundary of the plant, in blocks and other available spaces. Development of green belt and other forms of greenery in and around plant site and plantation in the nearby hill and village are helpful to improve ecological conditions and biodiversity status of the area.

Survey and Evaluation work was allotted by M/s DB Power situated at Village - Badadarha, District - Sakti (C.G.) to our organization "Society for Environment & Integrated Development Raipur" vide Service order no. Dated / / 2025.

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5. EVALUATION OF PLANTATION

Evaluation of Plantation needs to be done by the Industrial units for Existing Plantation within plant premise & nearby areas as per stipulations made by MoEF & CC, New Delhi and CECB, Raipur in its permissions granted to the company as also directions received from the Regional offices time to time.

6. PROJECT OBJECTIVE

Plant Species act as bio-monitoring agent to monitor the air environment as well as it keeps and maintains the project environment healthy by providing more oxygen. The two areas of air pollution i.e. gases and dust need to be urgently attended by using plants. Keeping this in mind, pollution abatement measures have been suggested to develop green belt based on local and physical conditions of the areas by taking the cognizance of "Greening with Purpose drive".

7. PLANTATION DETAILS

M/s DB Power Ltd. Plant is working extensively on its plant premises and outside. Apart from gap filing, a total of 16830 plants were planted in an area of approximately 15 acres from the year 2024-25 in an effort to develop 33% of the total land area as green belt. This represents a unique example of environmental protection and sustainability.

Table : 1 Details of year wise plantation inside plant premises:

S. n.	Plantation years	Total planted plants	Total Survival plants	Mortality	Survival %
1.	2024-2025	16830	13670	3160	81%

8. Table : 1 Details of plantation within and outside of plant premises: (Apart Casualty Replacement)

S. n.	Plantation years	Total planted plants	Total Survival plants	Mortality	Survival %
2.	2011-2025	278220	223967	54253	80.50%

9. PLANTATION SITES

Plantation work has been done along the plant boundary, inside the plant premises, roadside and the nearby outside Kurupath hill area. Plantation survey has been carried out by our expert team with the help of M/s DB Power Ltd. Management and office staff. Following plantation sites have been planted by M/s DB Power Ltd.

A. Plant premises & outside area:

1. Main Gate to Vehicle Parking. (Road both side)
2. Surrounding Reservoir.
3. Main Gate Entrance left side along with boundary wall.
4. Auto Mobile area.
5. Near Pond area.
6. Labors Quarters area.



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7. Nursery area.
8. Outside Main gate Boundary wall.
9. Outside Mandi surrounding area.
10. Outside mini stadium area.

Part - B

1. PHYSICAL VERIFICATION OF PLANTATION (GREEN BELT) AND EVALUATION REPORT

2. METHODOLOGY

- Counting- All plants, Trees and sapling of all sites are counted.
- Measurement - Average Height of Trees, Plants and Sapling are taken randomly.
- Measurement are Recorded. Photographs have been taken so as to show real picture of plantation.
- Plantation at the site. Details of species are also noted.

Upon survey (Physical verification) by our team, we found that FY year 2025 - 2026. 16830 nos. plants have been planted by M/s DB Power Ltd. out of which 13670 has survived. The measurements of the plants are given in table below:-

3. Planted Species and Measurements

M/s DB Power Ltd. Badadarha, (2025-26)							
s. n.	Species	Average		Maximum		Minimum	
		Girth (cm)	Height (m)	Girth (cm)	Height (m)	Girth (cm)	Height (m)
1	Semal	7.85	1.73	10	2.50	6	1.30
2	Amaltas	7.61	1.46	10	2.50	5	0.90
3	Neem	6.41	1.22	10	2.00	4	1.00
4	Bahunia	6.2	1.41	12	2.20	4	0.80
5	Peltophorum	4.83	1.12	8	1.50	3	0.70
6	Teak	8	2.08	12	2.60	6	1.70
7	Arcacia	10.9	0.94	17	1.70	5	0.50
8	Largastromiya	5.45	0.80	12	2.10	4	0.45
9	Mahaneem	9.92	1.76	16	3.00	3	0.60
10	Ganga Imali	3.6	1.04	8	2.00	2	0.60
11	Ticoma	7.5	1.8	12	2.60	4	0.50
12	Malabar neem (Milia dubia)	6.07	1.58	12	2.80	3	0.75
13	Shisham	5.75	1.58	10	3.00	2	0.35
14	Gulmohar	12.15	1.95	20	2.50	6	0.80
15	Paras Pipal	11.66	1.43	18	1.80	5	0.70
16	Boatel Palm	16.88	2.52	30	3.50	8	0.90
17	Eucalypts	9.33	1.36	20	3.00	4	0.45
18	Fox tail Palm	17.71	3.1	35	3.60	10	1.20
19	Harra	15.5	2.54	25	3.50	8	1.50
20	Arjun	10.63	2.99	18	4.00	6	1.80

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4. Planted Species and Measurements

M/s DB Power Ltd. Badadarha, (2011-12 to-2025-26)							
s. n.	Species	Average		Maximum		Minimum	
		Girth (cm)	Height (m)	Girth (cm)	Height (m)	Girth (cm)	Height (m)
1	Teak	17.6	3.59	28	5	5	2.50
2	Aonla (Gooseberry)	16.46	3.79	38	7	4	0.60
3	Guava (Amrood)	20	1.68	32	3.50	8	0.80
4	Largestonia	18.6	3.42	35	4.00	6	1.50
5	Peltophorum	10.78	2.27	42	7.50	4	0.50
6	Eucalypts	43.66	7.45	70	12	6	2.00
7	Alastonia	46.5	5.75	70	8	20	2.50
8	Arjun	36.8	5.24	80	8.50	8	1.00
9	Neem	23.54	5.45	45	8.00	6	1.80
10	Karanj	25.69	4.90	37	6.00	5	2.20
11	Palasa	28	3.61	40	4.50	15	2.50
12	Riya	45.35	4.73	70	8.50	15	2.50
13	Champa	27.2	3.45	40	4.00	18	2.00
14	Kachnar	35.7	4.1	60	6.50	8	1.50
15	Pipla	43.44	4.6	1.10	8.00	5	1.50
16	Jamun	15.10	2.94	70	6.00	4	0.40
17	Jetrofa	12.44	2.07	32	4.50	10	1.50
18	Mahaneem	17.55	2.88	60	8.00	4	0.50
19	Mango	24.55	4.36	45	6.50	10	2.80
20	Subabool	36.42	7.34	85	12	2	1.50
21	Mahoguini	13.16	2.58	45	5.50	3	1.90
22	Bottle Palm	19.85	1.02	45	5.50	8	2.00
23	Semal	36.09	4.16	60	6.50	6	1.50
24	Shisham	53.42	6.88	1.05	12	30	1.80
25	Ticoma	12.2	2.15	20	4.00	10	1.60
26	Gulmohar	63.3	4.05	65	6.00	12	3.50
27	Arcacia	23.80	2.80	40	5.50	7	1.80
28	Causurina	37	5.60	48	6.50	18	2.50
29	Bargada	17.06	4.01	58	7.50	8	2.20
30	Jetrofa	19.8	2.20	30	3.00	10	1.50
31	Kaner	18.50	3	20	3.50	8	2.00
32	Kadamba	27.00	3.10	45.00	6.00	8.00	2.00
33	Badam	14.83	1.93	40	5.50	4	0.50
34	Raintree	16.46	3.79	40	12	2	0.66
35	Dumar	33.66	4.4	50	5.50	12	3.00
36	Spethodia	28.50	4	38	5.10	21	2.15

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37	Kesia Samia	16.4	3.24	46	7	5	1.40
38	Conocarpus	37.6	4.51	70	6.00	8	1.10
39	Sisoo	29.5	4.35	45	6.00	8	2.35
40	Ganga Imali	30.73	3.52	55	6.50	10	0.60
41	Celendra	23.07	2.82	45	5.00	6	1.50

4. PLANTED SPECIES, PLANTS NUMBER AND PERCENTAGE

Planted Species, No. of planted plants, Survival plants no. and percentage				
S. N.	PLANTED SPECIES	No. of planted species	Survival as per survey	Survival (%)
1.	Teak, Aonla, Amrood, Acacia, Largestonia, Peltophorum, Eucalypts, Alastonia, Arjuna, Neem, Karanj, Palsa, Riya, Champa, Kachnar, Pipal, Jamun, Mahaneem, Mango, Shubabool, Mahogauni, Bottle Palm, Semal, Shishum, Ticoma, Gulmohar, Arcacia, Bahunia, Causurina, Jetrofa, Kaner, Kadamba, Badam, Raintree, Dumar, Spethodia, Kesia Samia, Conocarpus, Sisoo, Ganga Imali, Celendra etc.	278220 (2011-26)	223967	80.50%
	Total =	278220 (2011-26)	223967	80.50%

5. GRADING OF PLANTATION :- GRADE CARD

M/s DB Power Ltd. (Badadarha)

a. Grading of project plantation on scale of 1 to 10

Qualitative Aspects	Survival	7.50
	Health of Plantation	7.50
	Maintenance	7.50
	Sustainability	7.50

b. Grading of Project plantation on scale 1 to 10

Overall Grading of Plantation	Outstanding (Excellent) (8<10)	Very Good (5<8)	Good (3<5)	Poor (>3)
		7.5		

6. DISCUSSION WITH MANAGEMENT AND STAFF AS UNDER -

1. Mr. Manoj Panda : DGM (ENV.)
2. Mr. Yashodhan Sirothia : AGM - Horticultur

7. SUGGESTION FOR IMPROVEMENT:

1. Plants to be planted not less than one year in age and 01 meter height.

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2. Space 2M×2M, 3M×3M and maximum 4M×4M according to maximum girth of trees after maturity.
3. Species - Fast growing to be planted.
4. Given priority to broader leaves plants.
5. Species may be chosen as under - Khamar, Shisham, Teak, Kadamba, Acacia, Peltophorum, Neem, Nilgiri, Peepal, Amaltas, Karanja, Gulmohar, Mahaneem, Jamun, Ashoka, Arjuna, Bottle palm, Badam, Kadamba, Bamboos etc.
6. Increase irrigation facility to more number of plants.
7. Soils of pits should be changed in hard soil area.
8. Plants to be planted regularly every year including mortality replacement.
9. Germination Time - Humic oxide can be used for better results.
10. Manure - Compost, Vermi compost, DAP, Zhaim also to be used.
11. Termite and Other pests control - Cholorocyper, Imida combine.
12. Planting work to be done in June and July.
13. Mortality should not be counted for increase in area.
14. It is compulsory to have a water pipe line for the proper growth of the planted plants.

8. Pictures of Plantation:



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CETIFICATE

This is to certify that Monitoring and Evaluation Report of FY-2025-26 Green Belt Plantation was conducted by “M/s Society for Environment & Integrated Development Raipur” at the plant area of M/s DB Power Ltd. Village – Badadarha, Distt. Sakti, Chhattisgarh. Based on the survey and study report, we hereby certify that total number of trees planted (278220), the number of surviving in plant and periphery of plant is 223967 at the rate of approx 2600 number of trees per hectare with the survival rate of 80.50% This covers 86.14 hectare of the total plant and periphery area.

Date: 28/11/2024



Mr. S. K. Roy
(Retd. ACF C. G. Forest)
President

“Society for Environment
&
Integrated Development Raipur”

A WORD OF APPRECIATION

We appreciate all management officers and staff of M/s DB Power Ltd. Badadarha, who have taken steps to develop the green belt & greenery of area. We found that saplings have been taken care well after plantation. We appreciate the commitment and the efforts made by the management for developing the green belt and greenery within & outside the plant premises.

"SEIDR"

(Society for Environment & Integrated Development Raipur)

Chhattisgarh



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THE TEAM INVOLVED IN SURVEY & EVALUATION

S.No.	Name	Job	Experience
1	Shri S. K. Roy	Head of the team	47 Year Experience of the C. G. Forest
2	Shri D. K. Tiwari	Team Leader	18 years' experience of forest related work
3	Shri KamleshDubey	Coordinator	8years' experience of monitoring & evaluation & micro planning
4	Shri Jashvir Singh Virdi	Investigator	7years' experience of monitoring & evaluation

EXECUTIVE BODY OF "SEIDR"

S.No.	Post	Name	Experience
1	President	Shri S.K. Roy	Retd. A.C.F. C.G. Govt.
2	Vice President	Smt. Shobh Mishra	Professional
3	Secretary	Smt. AshaTiwari	Professional
4	Join Secretary	Kamlesh Dubey	Professional
5	Treasurer	Shri D.K. Tiwari	Professional

ABOUT THE EVALUATION AGENCY

Organization profile

Name of Organization	<i>"Society for Environment & Integrated Development Raipur"</i>
Status	<i>Non-Government Organization {NGO} and working as Development and welfare.</i>
No. & Date of registration	<i>C. G. State - 3270. Date - 01/03/2011</i>
Registration	<i>Under Society Registration Act. - 1973.</i>
Resource Centre Address: -	<i>J-9/A, ShriRam Nagar, Phase -I, Street - II, Post Office Shankar Nagar Raipur (C.G.) Pin Code - 492004</i>
Phone: -	<i>+91- 771-3587611</i>
Chief Functionary	<i>Mr. S. K. Roy (Retd. Forest A.C.F. C.G. Forest)</i> <i>Mob. No. 094255 - 02223</i>
Contact Person	<i>Mr.D. K. Tiwari (Contact Person)</i> <i>Mob. No. 98261 - 86813, 96695 - 77114</i>
Mail at	<i>seidraipur@gmail.com</i>
Bank with	<i>State Bank of India, Vip Estate colony Raipur (C.G)</i> <i>Account No. - 35731546062 (Current A/C)</i> <i>IFS Code - SBIN0013004, PAN - AAFLAS3608L</i>

SEIDR MISSION

Is to release the creative energies resources and aspirations of the poor. Especially tribes, equality and women to seek and obtain opportunities for full effective sustainable participation in social, economic, political and cultural life of society and nation.

SEIDR VISION

SEIDR is society based on the values of genuine democracy, equality and peace for all its citizens, where people and government play their respective roles effectively with transparency and accountability.

Area of Operation

Intensively in all districts of Chhattisgarh state, with trained technical and professional staff.

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OTHER MEMBER OF EXECUTIVE BODY

S. No.	Name	Experience
1	Mohd. Q Siddiki	Retd. Forester
2	PrabhatPandey	Electrical Engineer
3	AkhilShrivastava	Professional
4	VarunTiwari	Labour Court Lawyer
6	Moh. Jabbar	Businessman
7	Pradeep Sahu	Professional

THANK YOU

