

Your (**Half Yearly Compliance Report**) has been **Submitted** with following details

<b>Proposal No</b>	IA/AP/RIV/85218/2018
<b>Compliance ID</b>	130389469
<b>Compliance Number(For Tracking)</b>	EC/M/COMPLIANCE/130389469/2025
<b>Reporting Year</b>	2025
<b>Reporting Period</b>	01 Jun(01 Oct - 31 Mar)
<b>Submission Date</b>	27-06-2025
<b>RO/SRO Name</b>	V Geroge Jenner
<b>RO/SRO Email</b>	tr025@ifs.nic.in
<b>State</b>	ANDHRA PRADESH
<b>RO/SRO Office Address</b>	Integrated Regional Offices, Vijayawada

**Note:-** SMS and E-Mail has been sent to V Geroge Jenner, ANDHRA PRADESH with Notification to Project Proponent.

AP01 PSP/MoEF&CC-SMR/25062025

Date: 25.06.2025

To

**The Inspector General of Forests (C),  
Ministry of Environment, Forest and Climate Change,  
Integrated Regional Office, Vijayawada Green House Complex,  
Gopala Reddy Road, Vijayawada,  
Andhra Pradesh – 520010,**

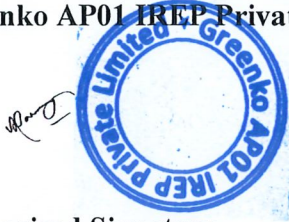
**Sub: Pinnapuram Integrated RESP-Storage Project (1200 MW) in Tehsil Nandyal, District Kurnool (Andhra Pradesh) implemented by M/s Greenko AP01 IREP Pvt. Ltd - Submission of Half Yearly Compliance Report for the period October 2024 – March 2025 –reg**

**Ref: Environmental clearance vide MOEF&CC Letter No. J-12011/12/2018- IA.I.(R) Dated: 14-06-2020 and its Amendment Letter No: J-12011/12/2018- IA.I.(R) Dated: 13-02-2023.**

Dear Sir,

Environmental clearance was accorded to Pinnapuram Integrated RESP-Storage Project (1200 MW). With reference to the above-cited letter, we are herewith submitting the half-yearly EC compliance report for the period from **October 2024 – March 2025 (01<sup>st</sup> June 2025)** as per the EIA notification of 2006.

Thanking You  
Yours Sincerely  
**Greenko AP01 IREP Private Limited.**



**Authorized Signatory**

- CC: 1) Director, EIA Division (River Valley & Hydro Electric Projects) Ministry of Environment, Forest & Climate Change Govt. of India, New Delhi-110003.**
- 2) Deputy Director General of Forests (C), MoEF&CC, Integrated Regional Office 1<sup>st</sup> and 2<sup>nd</sup> Floor, Cathedral Garden Road, Nungambakkam Chennai – 34**
- 3) Member Secretary, A.P. Pollution Control Board, Vijayawada, Andhra Pradesh.**

**HALF YEARLY COMPLIANCE TO THE CONDITIONS  
STIPULATED IN ENVIRONMENTAL CLEARANCE ISSUED  
BY MOEF&CC**

**VIDE ORDER NO. J-12011/12/2018-IA-I (R)  
Dated: 14<sup>th</sup> July, 2020 & TRANSFER OF ENVIRONMENTAL  
CLEARANCE (AMENDMENT) Dated: 13<sup>th</sup> February, 2023.**

**Period: Oct 2024 to Mar 2025**

**(1<sup>st</sup> June 2025)**

By

**GREENKO AP01 IREP PRIVATE LIMITED**  
**(STANDALONE PUMPED STORAGE COMPONENT**  
**(1200 MW) OF PINNAPURAM INTEGRATED**  
**RENEWABLE ENERGY**  
**PROJECT)**

*Pinnapuram village, Nandyal Tehsil,  
Kurnool District, Andhra Pradesh.*

## **1. INTRODUCTION**

Pinnapuram IREP has been conceived as integrated project with solar, wind and pumped storage components. GoAP has approved the project with 1000 MW Solar, 550 MW Wind & 1200 MW of Standalone Pumped Storage capacities to be developed in Phase I. All three components of Pinnapuram IREP are in close vicinity of each other and therefore power from all three components will be pooled into common pooling station and will be connected to PGCIL/CTU sub-station at Orvakallu for further supply into the National Grid.

The Standalone Pumped Storage Project, with an initial installed capacity of 1200 MW, was granted Environmental Clearance (EC) under Order No. J-12011/12/2018-IA.I. (R) dated 14th June 2020. This clearance was later amended on 13th February 2023 to reflect a change in the project name. Additionally, an application requesting an amendment in Environmental Clearance—proposing a reconfiguration of the project capacity from 1200 MW to 1680 MW and a change in unit configurations from five units of 200 MW and two units of 100 MW to six units of 240 MW and two units of 120 MW—was recommended by the Expert Appraisal Committee (EAC).

The project was granted Consent for Establishment (CFE) by the Andhra Pradesh Pollution Control Board (APPCB) through Order No. 310/APPCB/CFE/RO-KNL/HO/2020 dated 7th October 2020. An amendment for transfer of the CFE was subsequently approved under Order No. 310/APPCB/CTE/RO-KNL/HO/2019 dated 7th July 2023. Thereafter, Consent to Operate (CTO) was granted on 3rd May 2025 under Consent Order No. 2806090/APPCB/KNL/KNL/CTO&HWA/HO/2025.

The project site is located in proximity to Pinnapuram village, within Panyam Mandal of Nandyal, in the Kurnool District of Andhra Pradesh.

## **2. DETAILS OF THE PROJECT**

The Standalone Pumped Storage Component of Pinnapuram IREP envisages construction of upper and lower reservoir near Pinnapuram village in Panyam Mandal of Kurnool District.



The existing Gorakallu balancing reservoir is under operation with a live storage capacity of 12.44 TMC. The filling of the proposed Pinnapuram Lower reservoir will be taken up from Gorakallu Reservoir.

Proposed Scheme will involve construction of Rock fill embankments of average height of around 12 m to 14 m with maximum of 33 m height in lower reservoir and 35m in upper reservoir for very short reach for creation of Pinnapuram IREP reservoirs. Intake structure and trash rack for Five numbers of independent penstocks and one number of independent Penstock bifurcated into two will be taking off from Power block of Pinnapuram IREP upper reservoir. A surface Powerhouse will be located on the downstream of the power block and shall be equipped with five vertical-axis reversible Franci's type units composed each of a generator/motor and a pump/turbine having generating / pumping capacity of 200MW / 244MW and two units of 100MW / 130MW respectively.

### 3. COMPLIANCE TO THE CONDITIONS OF ENVIRONMENTAL CLEARANCE

S. No.	EC Conditions	Status of Compliance								
	Part-A: Additional Conditions.									
i	Approval from Competent Authority for allocation of 1.2 TMC of water on a non-Consumptive basis from the Gorakallu Reservoir shall be obtained.	<div>We have obtained necessary approvals from State Govt. for the allocation of water from Gorakallu Reservoir vide orders below:</div> <table><tr><td>G.O.MS.No:24</td><td>Dated: 19.07.2018</td></tr><tr><td>G.O.MS.No:16</td><td>Dated: 13.06.2020</td></tr><tr><td>G.O.MS.No:64</td><td>Dated: 02.12.2020</td></tr><tr><td>G.O.MS.No:21</td><td>Dated: 15.09.2022</td></tr></table>	G.O.MS.No:24	Dated: 19.07.2018	G.O.MS.No:16	Dated: 13.06.2020	G.O.MS.No:64	Dated: 02.12.2020	G.O.MS.No:21	Dated: 15.09.2022
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G.O.MS.No:64	Dated: 02.12.2020									
G.O.MS.No:21	Dated: 15.09.2022									
ii	The Environment Management Plan (EMP) shall be strictly adhered to as submitted in the EIA/EMP report and a sum of Rs. 11839.55 Lakhs, the budgetary provisions for implementation of EMP, shall be fully utilized and not to be diverted to any other purpose in case of revision of the project cost or due to	<div>Noted.</div> <div>In accordance with the stipulated guidelines, funds have been earmarked for environmental protection measures with including CER. To date, an amount of approximately Rs. 120.42 Cr has been expended. An audit is presently in progress, following which the total Opex and Capex expenditures will be submitted for Chartered Accountant certification and</div>								


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.	price level change, the cost of EMP shall also be updated proportionately.	subsequently forwarded to the IRO Office.
iii	Investment of Rs. 27.35 Crore under Corporate Environmental Responsibility (CER) shall be strictly utilized for the activities proposed as per the ministry's office memorandum dated 01st May,2018. Activities proposed by the project proponent under CER includes provision to following focus area viz., education (200.00 lakhs) Health care (550.0 lakhs), infrastructure development (Rs. 425.0 lakhs), Skill Development and training for improved job opportunities (Rs.1100.00 lakhs), Common interest activity (Rs.150.00 lakhs), Environmental Conservation and protection Awareness (Rs.15.00 lakhs), Sports (Rs.120.00 lakhs), Agriculture and Animal Husbandry (Rs.75.00 Lakhs) and Rainwater Harvesting (Rs.100.00 lakhs). Under CER activities, preference should be given to strengthen the basic amenities in the project affected villages.	Being Complied. Corporate Environment Responsibility (CER) plan for improvement of basic infrastructure amenities and other community development activities is taken up in phases and in progress in the project affected villages. So far, a total of Rs. 44.37 Crore is spent towards the community development initiatives. Further activity worth of Rs. 3.77 crores is being planned and under implementation. An audit is currently underway, and the total expenditures will be submitted for CA certification and then forwarded to the IRO Office and same shall be submitted in next compliance report.
iv	The clearance is valid for period of 10 years from the date of issue of this letter for commissioning of the project.	Noted and agreed.
v	After 5 years of the commissioning of the project, a study shall be undertaken regarding impact of the	We commit to undertaking a comprehensive study on the impact of the project on the environment and downstream ecology five

S. No	EC Conditions	Status of Compliance
.	project on the environmental and the downstream ecology. The study shall be undertaken by an independent agency, decided in consultation with the Ministry.	years after its commissioning. This study will be conducted by an independent agency, to be selected in consultation with the Ministry, ensuring objectivity and compliance with stipulated guidelines.
vi	Solid waste generated, especially plastic waste, etc. should not be disposed of as landfill material. It should be treated with scientific approach and recycled. Use of single-use plastics may be discouraged.	The generated plastic waste is sent to an authorized recycler for safe disposal. Plastic waste landfilling has been strictly avoided at the site, and the use of single-use plastics is also prohibited.
vii	Land acquired for the project shall be suitably compensated in accordance with the law of the land with the prevailing guidelines. Private land shall be acquired as per provisions of Right to Fair Compensation and Transparency in Land Acquisition, rehabilitation, and Resettlement Act 2013.	The project land acquisition is within the stipulated limit of 5,000 acres, as per the Government of Andhra Pradesh notification G.O. Ms. No. 389 dated 20-11-2014.
viii	Necessary permission to be obtained for quarrying construction materials for the project as per the EIA Notification, 2006 and subsequent amendments thereof.	Noted.
ix	Preference to be given to the local villagers as per the requirements and suitability, in the job/other opportunities in the project, etc.	294 employment opportunities are created to the local villagers based on their qualification and eligibility.
x	Measures to be taken to develop skills of the local villagers particularly with respect to the trades related to construction works such as electrician, welders, fitters, etc.	The Skill Development training program for local youth has been initiated through the Skill Development Centre located at the Gani site. To date, 152 youth from the affected villages have been provided training in solar installation, operation, and related trades.

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xi	All required permission if any should be taken for the proposed Muck Dumping areas. Adequate protection measures should be taken up to avoid any spillage of the muck to the adjoining agricultural fields.	During the construction phase, 91% of the excavated muck is being utilized for project-related activities. Upon completion of the project, the remaining 9% of residual muck is disposed at designated storage sites with adequate measures in accordance with the approved muck management plan.
xii	Under CER activities, preference should be given to strengthen the basic amenities in the project affected villages like maintaining drinking water supply, providing health care facilities, etc.	Being Complied. Corporate Environment Responsibility (CER) plan for improvement of basic infrastructure amenities and other community development activities is taken up in phases and in progress in the project affected villages. So far, a total of Rs. 44.37 Crore is spent towards the community development initiatives. Further activity worth of Rs. 3.77 crores is being planned and under implementation. An audit is currently underway, and the total expenditures will be submitted for CA certification and then forwarded to the IRO Office and same shall be submitted in next compliance report.
xiii	Preference to be given to the local villagers as per the requirements and suitability, in the job/ other opportunities in the project.	294 employment opportunities are created to the local villagers based on their qualification and eligibility.
xiv	Measures to be taken to develop skills of the local villagers particularly with respect to the trades related to construction works such as electrician, welder, fitter, etc.	The Skill Development training program for local youth has been initiated through the Skill Development Centre located at the Gani site. To date, 152 youth from the affected villages have been provided training in solar installation, operation, and related trades.
xv	Approval of the Central Electricity Authority may be obtained for 1200 MW Pumped Storage Project	CEA Obtained Vide file no. 81/3/2020-HPP&I/850 dated 27.05.2020 and CEA-SY-25-24/2-2020-PAC Division/33-71 dated 20.04.2024. (Copy of the same is enclosed as <b>Annexure-1.</b> )

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xvi	Any other clearance from any other organization/departments as applicable to the project shall be obtained.	All requisite clearances from concerned organizations and departments applicable to the project obtained in compliance with prevailing regulations and guidelines.
<b>Part-B: (Standard EC Conditions for River Valley and Hydroelectric projects)</b>		
(i)	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.	We have obtained Final approval/Stage – II Clearance. (Out of total area of 365.66 ha, i.e., a part approval area of only 46.64 ha of the total forest area and remaining 319.06 ha have been granted) with MOEF&CC letter File No.8-32/2019-FC Dated: 24.05.21 & File No.8-32/2019-FC Dated: 24.05.2022 respectively. (A Copy is enclosed as <b>Annexure-2.</b> )
(ii)	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable	Not Applicable as there are no wildlife sanctuaries within 10 Km radius. A Copy of the same is enclosed as <b>Annexure-3)</b>
(iii)	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan/Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The Implementation report shall be furnished along with the six-monthly compliance report, (in case of the presence of Schedule-I Species in the study area).	Approval of the Biodiversity and Wildlife Conservation & Management Plan for Schedule-I species has been received from the Chief Wildlife Warden (CWLW) vide Rc. No. 8531/2021/WL-2 dated 23.02.2022 (File No. EFS02-21024/36/2021-WILD LIFE SEC-PCCF). An amount of ₹2.34 crores was transferred via RTGS on 29.08.2023 towards implementation. Subsequently, a letter vide IREP-Pinnapuram/WLCP_Impl_01/250214 dated 14.02.2025 was submitted to the Divisional Forest Officer (DFO), Kurnool, providing the implementation status of the Biodiversity and Wildlife Conservation & Management Plan. (A copy of the letter is enclosed as <b>Annexure-4.</b> )
(iv)	The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the water (Prevention & Control of Pollution) Act, 1974 from the	We have obtained Consent for Establishment (CFE) through APPCB vide Order No. 310/APPCB/CFE/RO-KNL/HO/2020 dated 7th October 2020, followed by a Transfer Amendment approved vide Order No. 310/APPCB/CTE/RO-KNL/HO/2019 dated 7th

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	concerned State Pollution Control Board/Committee.	July 2023. Subsequently, the Consent to Operate (CTO) was granted on 3rd May 2025 under Consent Order No. 2806090/APPCB/KNL/KNL/CTO&HWA/HO/2025.
(v)	NOC shall be obtained from National Commission of Seismic Design Parameters (NCSDP) of CWC.	Site Specific design Earthquake Parameter report for Pinnapuram PSP was prepared by NGRI Hyderabad and was approved by NCSDP of CWC vide letter dated 16.10.2021. (Copy of the same is enclosed as <b>Annexure-5</b> )
(vi)	Necessary approval of CEA shall be obtained for those projects having the project cost more than Rs.1000 crores.	Concurrence of CEA Obtained. (Copy of the same is enclosed as <b>Annexure-1.</b> )
<b>II. Air quality monitoring and preservation</b>		
i.	Regular monitoring of various environmental parameters viz., Water Quality, Ambient Air Quality and Noise levels as per the CPCB guidelines at designated locations shall be carried out on monthly basis and a detailed database of the same shall be prepared and recorded. This shall be used as a baseline data for post construction EIA / Monitoring purposes.	Regular environmental monitoring like Air quality, Water quality and noise levels is being carried out as per stipulation and copies of the same will be submitted from time to time. (Copy of the same is enclosed as <b>Annexure-6.</b> )
ii.	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed standards.	Air pollution control measures are followed by water sprinkling for dust suppression and activities like Dust compressors, barricading with green net are being followed.

S. No	EC Conditions	Status of Compliance
iii.	Necessary control measures such as water sprinkling arrangements, etc. be taken up to arrest fugitive dust at all the construction sites.	Necessary control measures like water sprinkling arrangements are taken up to mitigate fugitive dust at all the construction sites. 
<b>III. Water quality monitoring and preservation</b>		
i.	As the reservoir will be acting as balancing reservoir and there would be fluctuation of water level during peaking period, efforts be made to reduce impact on aquatic life including impacts during spawning period both at the upstream and downstream of the project.	Not Applicable, as the project is a Standalone Pumped Storage Project and not a run-off river project.
ii.	Water depth sensors shall be installed at suitable locations to monitor e-flow. Hourly data to be collected and converted to discharge data. The Gauge and Discharge data in the form of Excel sheet be submitted to the regional office, MoEF & CC and to the CWC on weekly basis.	Not Applicable, as the project is a Standalone Pumped Storage Project and not a run-off river project.
<b>IV. Noise monitoring and prevention</b>		
i	All the equipment likely to generate high noise shall be appropriately enclosed or inbuilt noise enclosures be provided so as to meet the ambient noise standards as notified under the Noise Pollution	Being Complied. As stipulated necessary measures are being followed.



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	(Regulation and Control) Rules, 2000, as amended in 2010 under the Environment Protection Act (EPA), 1986.	
ii	The ambient noise levels should conform to the standards prescribed under EPA Rules, 1986 viz. 75 dB(A) during daytime and 70dB(A) during nighttime.	Being Complied. As stipulated necessary measures are being followed.
<b>V. Waste management</b>		
i	Muck disposal be carried out only in the approved and earmarked sites. The dumping sites shall be located sufficiently away from the HFL of the river. Efforts be made to reuse the muck for construction and other filling purposes and balanced be disposed of at the designated disposal sites. Once the muck disposal sites are inactive, proper treatment measures like both engineering and biological measures be carried out so that sites are stabilized quickly.	Muck is being used for project construction; once the project is completed, any residual muck will be disposed of in designated storage locations, and a muck management plan will be implemented.
ii	Solid waste management should be planned in detail. Land filling of plastic waste shall be avoided and instead be used for various purposes as envisaged in the EIA/EMP reports. Efforts be made to avoid one time use of plastics.	A solid waste management plan has been implemented, including designated collection points and storage facilities. In compliance with stipulations, the landfilling of plastic waste is strictly avoided, and the use of single-use plastics is prohibited.
<b>VI. Green Belt and wildlife Management</b>		
i	Wildlife Conservation Plan approved by the Chief Wildlife Warden shall be implemented in consultation with the local State Forest	Approval of the Biodiversity and Wildlife Conservation & Management Plan for Schedule-I species has been received from CWLW vide: Rc.no. 8531/2021/WL-2 dated 23-

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.	Department.	02-22 (File No. EFS02-21024/36/2021-WILD LIFE SEC-PCCF), and an amount of Rs 2.34 crores through RTGS on 29.08.2023. A letter, vide IREP-Pinnapuram/WLCP_Impl_01/250214 dated 14-02-2025, was submitted to the DFO Kurnool to provide the implementation status of the Biodiversity and Wildlife Conservation & Management Plan. (Copy of the letter is enclosed as <b>Annexure-4.</b> )
ii	To enrich the habitat of the project site, plantation shall be raised as envisaged in the EIA/EMP report. Plantation to be developed along the periphery of the reservoir in multi-layers with local indigenous species in consultation with the local State Forest Department.	As per the conditions stipulated in the forest clearance and the demand note issued by the DFO, an amount of Rs 3,19,25,300/- was allocated to improve the canopy density from open to moderately dense in order to stabilize the rim of the reservoir within 100 meters from the periphery. Additionally, Rs 2,53,99,400/- was allocated for gap planting and soil & moisture conservation activities. This amount was paid on 02.02.2021, with UTR No. SBINR52021020209356492, into the Ad-hoc CAMPA account of Andhra Pradesh. In line with the stipulated condition, a letter was prepared to request inputs from the local forest department on recommending and guiding the development of native and ecologically beneficial plant species. Currently we are undertaking plantation activities as stipulated in the EIA /EMP. The procurement of plants from various nurseries has been completed. Tree planting and seed dibbling activities are ongoing in the TRC area. So far, 2010 plant saplings have been planted, and 85 kg of seed dibbling activities have been completed.
iii	Compensatory afforestation	Implementation of the afforestation program

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	programme shall be implemented as per the plan approved.	shall be undertaken by the State Forest Department. A letter, vide. IREP-Pinnapuram/NLR CA Lands/2025 dated 10-02-2025, was submitted to the DFO SPSR Nellore to provide the implementation status of the Compensatory Afforestation Plan. (Copy of the letter is enclosed as <b>Annexure-7.</b> )
<b>VII. Public hearing and Human health issues</b>		
i	Resettlement & Rehabilitation plan be implemented in consultation with the State Govt. as approved by the State Govt, if any.	Land acquired for the project is well within the prescribed limits of 5000 acres, as notified by the Government of Andhra Pradesh vide G.O MS.No.389, dated 20-11-2014. Hence, the provision of R&R will not be applied.
ii	Budget provisions made for the community and social development plan including community welfare schemes shall be implemented in toto.	Being Complied. Status report of CSER activities is enclosed as <b>Annexure-8.</b>
iii	Preventive measures viz. fuming and spraying of mosquito control shall be done in and around the labour colonies, affected villages, stagnated pools, etc. Provisions be made to not to create any stagnated pools to avoid creation of breeding grounds of the vector borne diseases.	As stipulated, we will implement preventive measures stipulated for mosquito control. Enclosed in <b>Annexure-9.</b>
iv	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The	As per the stipulation, provision has been made for housing of labour and necessary infrastructure and facilities such as fuel for cooking, mobile toilets, STP, safe drinking water, medical health care etc, are being provided.

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	housing may be in the form of temporary structures to be removed after the completion of the project.	
v	Labour force to be engaged for construction works shall be examined thoroughly and adequately treated before issuing them work permit. Medical facilities shall be provided at the construction sites.	Pre-Medical examination is done before deputing labour force for construction works and First aid facilities with two ambulances are made available at the project site.
vi	Early Warning Telemetric system shall be installed in the upper catchment area of the project for advance intimation of flood forecast.	Not Applicable, since the project is a Pumped Storage Project and not a run-off river project.
vii	Emergency preparedness plan be made for any eventuality of the dam failure and shall be implemented as per the Disaster Management Plan	Emergency preparedness response plan prepared and approved by the management. enclosed copy as <b>Annexure-10</b> .
<b>VIII. Corporate Environment Responsibility</b>		
i	The Project Proponent shall comply with the provisions contained in this Ministry's OM Vide F.No. 22-06/2017-1 A. III dated 01.05.2018, as applicable regarding Corporate Environmental Responsibility.	CER is being implemented and status of CSER activities Enclosed as <b>Annexure-8</b> .
ii	Skill mapping be undertaken for the youths of the affected project area and based on the skill mapping, necessary trainings to the youths be provided for their longtime livelihood generation	Skill Development training for the local youth was already initiated through the Skill Development Centre located at Gani site. So far 152 local youth from affected villages are provided training on solar installation and operation trade etc.
iii	The Company shall have a well laid down environmental policy duly	The company has established a comprehensive policy known as the Greenko Integrated

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.	approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements / deviation / violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	Management System (GIMS) Policy, which encompasses key elements of various management systems, including ISO 9001, ISO 45001, ISO 14001, ISO 27001, ISO 50001, SA 8000, IFC Performance Standards, IIRC, and GRI frameworks.  In addition to the GIMS Policy, a separate Environment and Social Management System (ESMS) Policy has also been formulated, focusing exclusively on environmental and social issues. This policy has been duly approved by the Board of Directors  Enclosed ESMS Policy as <b>Annexure-11</b> .
iv	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.	A separate Environmental cell both at project and at Head quarter with qualified personnel are deployed and will be under the control of Senior Executive who directly reports to the head of the organisation to oversee all environmental aspects and highlights the progress to the top management.
v	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year	Noted.  As stipulated, an action plan for implementing the Environmental Management Plan (EMP) and ensuring compliance with environmental conditions has been documented, and along with responsibility matrix has also been formulated.  In accordance with the specified guidelines, funds have been earmarked for environmental protection measures with including CER. To

S. No	EC Conditions	Status of Compliance
	wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.	date, an amount of approximately Rs. 120.42 Cr has been expended. An audit is presently in progress, following which the total Opex and Capex expenditures will be submitted for Chartered Accountant certification and subsequently forwarded to the IRO Office.
vi	Post EIA and SIA be prepared for the project through a third party and evaluation report be submitted to the Ministry after five years of commissioning of the project.	As stipulated, Post EIA and SIA reports shall be prepared by third party after five years of commissioning of the project.
vii	Multi-Disciplinary Committee (MDC) be constituted with experts from Ecology, Forestry, Wildlife, Sociology, Soil Conservation, Fisheries, NGO, etc. to oversee implementation of various environmental safeguards proposed in EIA/EMP report during construction of the project. The monitoring report of the Committee shall be uploaded on the website of the Company.	A committee comprising internal staff members has been constituted, and meetings are held periodically. The minutes of these meetings have been duly uploaded on the company website at <a href="https://greenkogroup.com">https://greenkogroup.com</a> . In addition, an external MDC Committee has been established, and a copy of the same has been submitted to the MoEF&CC for further approval. Enclosed a copy as <b>Annexure-12</b>
	<b>IX. Miscellaneous</b>	
i	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project	Complied. An abstract of the Environmental Clearance was published in two widely circulated daily newspapers: one in the vernacular language, Telugu, in <b>Sakshi</b> on 01.09.2020 (main edition), and one in English, <b>The New Indian Express</b> , on 01.09.2020 (main edition). The same was updated on the company website. A copy of the abstract is enclosed as <b>Annexure-13</b> .

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	proponent's website permanently.																									
ii	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Complied, copies of the Environmental clearance letters were submitted to the local bodies and displayed for 30 days. (Copy of the same is enclosed as <b>Annexure-14.</b> )																								
iii	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	As stipulated, the compliance status of the environmental clearance conditions, including monitored data, is uploaded and updated on a half-yearly basis on the company’s website ( <a href="https://greenkogroup.com">https://greenkogroup.com</a> ).																								
iv	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment, Forest and Climate Change at environment clearance portal.	<div>Compliance reports are submitting to the regional Office of the Ministry every six monthly and last report was submitted on 03.01.2025.</div> <table><tr><th colspan="2">Your (Half Yearly Compliance Report) has been Submitted with following details</th></tr><tr><td>Proposal No</td><td>IA/AP/RIV/85218/2018</td></tr><tr><td>Compliance ID</td><td>116516630</td></tr><tr><td>Compliance Number(For Tracking)</td><td>EC/M/COMPLIANCE/116516630/2025</td></tr><tr><td>Reporting Year</td><td>2024</td></tr><tr><td>Reporting Period</td><td>01 Dec(01 Apr - 30 Sep)</td></tr><tr><td>Submission Date</td><td>03-01-2025</td></tr><tr><td>RO/SRO Name</td><td>V Geroge Jenner</td></tr><tr><td>RO/SRO Email</td><td>tr025@ifs.nic.in</td></tr><tr><td>State</td><td>ANDHRA PRADESH</td></tr><tr><td>RO/SRO Office Address</td><td>Integrated Regional Offices, Vijayawada</td></tr><tr><td colspan="2"><b>Note:-</b> SMS and E-Mail has been sent to V Geroge Jenner, ANDHRA PRADESH with Notification to Project Proponent.</td></tr></table>	Your (Half Yearly Compliance Report) has been Submitted with following details		Proposal No	IA/AP/RIV/85218/2018	Compliance ID	116516630	Compliance Number(For Tracking)	EC/M/COMPLIANCE/116516630/2025	Reporting Year	2024	Reporting Period	01 Dec(01 Apr - 30 Sep)	Submission Date	03-01-2025	RO/SRO Name	V Geroge Jenner	RO/SRO Email	tr025@ifs.nic.in	State	ANDHRA PRADESH	RO/SRO Office Address	Integrated Regional Offices, Vijayawada	<b>Note:-</b> SMS and E-Mail has been sent to V Geroge Jenner, ANDHRA PRADESH with Notification to Project Proponent.	
Your (Half Yearly Compliance Report) has been Submitted with following details																										
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RO/SRO Name	V Geroge Jenner																									
RO/SRO Email	tr025@ifs.nic.in																									
State	ANDHRA PRADESH																									
RO/SRO Office Address	Integrated Regional Offices, Vijayawada																									
<b>Note:-</b> SMS and E-Mail has been sent to V Geroge Jenner, ANDHRA PRADESH with Notification to Project Proponent.																										
v	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Agreed, Form – V will be submitted ‘to SPCB during the operation of the project.																								



S. No.	EC Conditions	Status of Compliance
vi	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	As stipulated, we will inform the Regional Office as well as the Ministry, the milestones of the project through Half – yearly compliance reports.
vii	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	We hereby assure that we will adhere to the stipulations made by the State Pollution Control Board and the State Government
viii	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	We hereby assure that we will abide by all the commitments and recommendations made in the EIA / EMP report, commitment made during Public Hearing and also during their presentation to the Expert Appraisal Committee. Status of public hearing commitments enclosed as <b>Annexure-15</b> .
ix	No further expansions or modifications in the plant shall be carried out without prior approval of the Ministry of Environmental, Forest and Climate Change (MOEF&CC).	Noted.
x	Concealing factual data or submission of false / fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	We hereby assure that we will not hide any data and submit false data.
xi	The Ministry may revoke or suspend the clearance, if implementation of	Noted.

<b>S. No</b>	<b>EC Conditions</b>	<b>Status of Compliance</b>
.	any of the above conditions is not satisfactory.	
xii	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	We hereby assure that we will complete these conditions in a time bound manner.
xiii	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	We hereby assure that we will extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports for monitoring the compliance of the stipulated conditions.
xiv	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/ High Courts and any other Court of Law relating to the subject matter.	Noted.
xv	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16	Noted.

S. No.	EC Conditions	Status of Compliance
	of the National Green Tribunal Act, 2010.	

## ANNEXURES

Annexure no.	Annexure
1	CEA approval
2	Forest clearance copy
3	Map showing distance of ESZ Boundary
4	Acknowledgment of letter submitted to DFO requesting WLCP status.
5	CWC approval
6	Environmental monitoring reports
7	Acknowledgment of letter submitted to DFO requesting CA implementation status.
8	Status report on CSER activity at Pinnapuram IRESP
9	Followed good practices and preventive measures
10	EMRDP report
11	ESMS policy
12	MOEF&CC Acknowledgment letter addressing to constitute MDC committee
13	Copy of the paper advertisement
14	Letter submitted to Local bodies to display EC copy
15	Status of public hearing commitments.

### TEST REPORT

<b>Name and Address of the Client:</b> <b>M/S. Greenko AP01 IREP Private Limited,</b> 14-478/6, Sai Nagar, Panyam Village, Nandyal, Kurnool, Andhra Pradesh - 518112.		Issued Date:	01.04.2025
		ULR NO	TC1466025000000618F
		Sample Registration No	1780/03/25-001
		Test Report No	CEL /AAQ/1780/03/25-001
		Sample Description	Ambient Air Quality
		Sample Location	Greenko AP01 Executive Camp
Subcontract Test	NA	Sample Condition when received	At Good Condition
Sample Collection Date	27.03.2025	Ambient Temperature °C	29°C
Sample Registration Date	28.03.2025	Weather Condition	Clear
Analysis Completion Date	01.04.2025	Wind Direction	NW
Sample Drawn By	Representative of CEL	Sample tested as Received Basis	

### TEST RESULT

Sampling Duration : 24 Hours

S. NO	TEST PARAMETERS	TEST METHOD	UOM	NAAQS Standards	RESULTS
1	Particulate Matter (PM <sub>10</sub> )	IS 5182 (Part 23) -2006	µg/m <sup>3</sup>	<100	45.2
2	Particulate Matter (PM <sub>2.5</sub> )	IS 5182 (Part 24) -2019	µg/m <sup>3</sup>	<60	31.8
3	Sulphur Dioxide (SO <sub>2</sub> )	IS 5182 (Part 2) -2023	µg/m <sup>3</sup>	<80	9.0
4	Nitrogen Dioxide (NO <sub>2</sub> )	IS 5182 (Part 6) -2006	µg/m <sup>3</sup>	<80	12.8
5	Ammonia (NH <sub>3</sub> )	IS 5182 (Part 25) -2018	µg/m <sup>3</sup>	< 400	1.54
6	Ozone (O <sub>3</sub> ) / 8 hours	IS:5182(Part-9) 1974, Ra 2009	µg/m <sup>3</sup>	< 100	1.52
7	Lead (Pb)	IS:5182(Part -22) -2019	µg/m <sup>3</sup>	< 1.0	< 0.1
8	Nickel (Ni)	IS:5182(Part -26) -2020	ng/m <sup>3</sup>	< 20	< 0.1

**Note:** Above tested results are well within the Limits as per NAAQS (National Ambient Air Quality Standards)

#### Calibration details:

S. No	Instrument	Respirable dust Sampler with Gaseous Attachment	Fine Particulate Sampler (PM2.5)
1	Make	Monisha Environmental Equipment's	Monisha Environmental Equipment's
2	Model/S. No	Monisha/ME-RDS-442/16. F.2022	Monisha/MEF-FPS-406/ 220310653
3	Equipment ID	QAWR004	QAWFP001
4	Calibration on	27.11.2024	27.11.2024
5	Calibration Due Date	26.11.2025	26.11.2025

Verified By  
  
**T. Jayachirmai**  
(Technical -Manager)

\*\*\*\*\*END OF THE REPORT\*\*\*\*\*



F/7.8/03

Issue No &amp; Date: 03&amp;01.09.2024

Amend No. &amp; Date: 00 &amp; 00

### TEST REPORT

<b>Name and Address of the Client:</b> <b>M/S. Greenko AP01 IREP Private Limited,</b> 14-478/6, Sai Nagar, Panyam Village, Nandyal, Kurnool, Andhra Pradesh – 518112.		Issued Date:	01.04.2025
		Sample Registration No	1780/03/25-001NS
		Test Report No	CEL /AAQ/1780/03/25-001NS
		Sample Description	Ambient Air Quality
		Sample Location	Greenko AP01 Executive Camp
Subcontract Test	NA	Sample Condition when received	At Good Condition
Sample Collection Date	27.03.2025	Ambient Temperature °C	29°C
Sample Registration Date	28.03.2025	Weather Condition	Clear
Analysis Completion Date	01.04.2025	Wind Direction	NW
Sample Drawn By	Representative of CEL	Sample tested as Received Basis	

Sampling Duration : 24 Hours

### TEST RESULT

S. NO	TEST PARAMETERS	TEST METHOD	UOM	NAAQS Standards	RESULTS
1	Carbon Monoxide (CO)/8hrs	IS:5182(Part-10) 1999	mg/m <sup>3</sup>	< 2.0	0.69
2	Benzene	IS:5182(Part -11) 2006	µg/m <sup>3</sup>	< 5.0	< 0.1
3	Benzo (a)Pyrene	IS:5182(Part -11) 2006	ng/m <sup>3</sup>	< 1.0	< 0.1
4	Arsenic (As)	IS:5182(Part -22) 2006	ng/m <sup>3</sup>	< 6.0	< 0.1

**Note:** Above tested results are well within the Limits as per NAAQS (National Ambient Air Quality Standards)

#### Calibration details:

S.No	Instrument	Respirable dust Sampler with Gaseous Attachment	Fine Particulate Sampler (PM2.5)
1	Make	Monisha Environmental Equipment's	Monisha Environmental Equipment's
2	Model/S. No	Monisha/ME-RDS-442/16. F.2022	Monisha/MEF-FPS-406/ 220310653
3	Equipment ID	QAWR004	QAWFP001
4	Calibration on	27.11.2024	27.11.2024
5	Calibration Due Date	26.11.2025	26.11.2025

Verified By  
  
**T. Jayathirmai**  
(Technical Manager)

\*\*\*\*\*END OF THE REPORT\*\*\*\*\*



F/7.B/03

Issue No &amp; Date: 03&amp;01.09.2024

Amend No. &amp; Date: 00 &amp; 00



### TEST REPORT

<b>Name and Address of the Client:</b> <b>M/S. Greenko AP01 IREP Private Limited,</b> 14-478/6, Sai Nagar, Panyam Village, Nandyal, Kurnool, Andhra Pradesh - 518112.		Issued Date:	01.04.2025
		ULR NO	TC1466025000000619F
		Sample Registration No	1780/03/25-002
		Test Report No	CEL/AAQ/1780/03/25-002
		Sample Description	Ambient Air Quality
		Sample Location	Komma Cheruvu Anjaneya Swamy Temple
Subcontract Test	NA	Sample Condition when received	At Good Condition
Sample Collection Date	27.03.2025	Ambient Temperature °C	29°C
Sample Registration Date	28.03.2025	Weather Condition	Clear
Analysis Completion Date	01.04.2025	Wind Direction	NW
Sample Drawn By	Representative of CEL	Sample tested as Received Basis	

### TEST RESULT

Sampling Duration : 24 Hours

S. NO	TEST PARAMETERS	TEST METHOD	UOM	NAAQS Standards	RESULTS
1	Particulate Matter (PM <sub>10</sub> )	IS 5182 (Part 23) -2006	µg/m <sup>3</sup>	<100	51.9
2	Particulate Matter (PM <sub>2.5</sub> )	IS 5182 (Part 24) -2019	µg/m <sup>3</sup>	<60	35.8
3	Sulphur Dioxide (SO <sub>2</sub> )	IS 5182 (Part 2) -2023	µg/m <sup>3</sup>	<80	12.3
4	Nitrogen Dioxide (NO <sub>2</sub> )	IS 5182 (Part 6) -2006	µg/m <sup>3</sup>	<80	15.2
5	Ammonia (NH <sub>3</sub> )	IS 5182 (Part 25) -2018	µg/m <sup>3</sup>	< 400	1.56
6	Ozone (O <sub>3</sub> )/ 8 hours	IS:5182(Part-9) 1974, Ra 2009	µg/m <sup>3</sup>	< 100	1.88
7	Lead (Pb)	IS:5182(Part-22) -2019	µg/m <sup>3</sup>	< 1.0	< 0.1
8	Nickel (Ni)	IS:5182(Part-26) -2020	ng/m <sup>3</sup>	< 20	< 0.1

**Note:** Above tested results are well within the Limits as per **NAAQS** (National Ambient Air Quality Standards)

#### Calibration details:

S. No	Instrument	Respirable dust Sampler with Gaseous Attachment	Fine Particulate Sampler (PM2.5)
1	Make	Monisha Environmental Equipment's	Monisha Environmental Equipment's
2	Model/S. No	Monisha/ME-RDS-442/231240	Monisha/MEF-FPS-406/02, F.2022
3	Equipment ID	QAWR003	QAWFP002
4	Calibration on	27.11.2024	27.11.2024
5	Calibration Due Date	26.11.2025	26.11.2025

Verified By  
T. Jyothirmmai  
(Technical Manager)

\*\*\*\*\*END OF THE REPORT\*\*\*\*\*



F/7.8/03

Issue No & Date: 03&01.09.2024

Amend No. & Date: 00 & 00

### TEST REPORT

<b>Name and Address of the Client:</b> <b>M/S. Greenko AP01 IREP Private Limited,</b> 14-478/6, Sai Nagar, Panyam Village, Nandyal, Kurnool, Andhra Pradesh - 518112.		Issued Date:	01.04.2025
		Sample Registration No	1780/03/25-002NS
		Test Report No	CEL/AAQ/1780/03/25-002NS
		Sample Description	Ambient Air Quality
		Sample Location	Komma Cheruvu Anjaneya Swamy Temple
Subcontract Test	NA	Sample Condition when received	At Good Condition
Sample Collection Date	27.03.2025	Ambient Temperature °C	29°C
Sample Registration Date	28.03.2025	Weather Condition	Clear
Analysis Completion Date	01.04.2025	Wind Direction	NW
Sample Drawn By	Representative of CEL	Sample tested as Received Basis	

### TEST RESULT

Sampling Duration : 24 Hours

S. NO	TEST PARAMETERS	TEST METHOD	UOM	NAAQS Standards	RESULTS
1	Carbon Monoxide (CO)/8hrs	IS:5182(Part-10) 1999	mg/m <sup>3</sup>	< 2.0	0.80
2	Benzene	IS:5182(Part-11) 2006	µg/m <sup>3</sup>	< 5.0	< 0.1
3	Benzo (a)Pyrene	IS:5182(Part-11) 2006	ng/m <sup>3</sup>	< 1.0	< 0.1
4	Arsenic (As)	IS:5182(Part-22) 2006	ng/m <sup>3</sup>	< 6.0	< 0.1

**Note:** Above tested results are well within the Limits as per **NAAQS** (National Ambient Air Quality Standards)

#### Calibration details:

S. No	Instrument	Respirable dust Sampler with Gaseous Attachment	Fine Particulate Sampler (PM2.5)
1	Make	Monisha Environmental Equipment's	Monisha Environmental Equipment's
2	Model/S. No	Monisha/ME-RDS-442/231240	Monisha/MEP-FPS-406/02. F.2022
3	Equipment ID	QAWR003	QAWFP002
4	Calibration on	27.11.2024	27.11.2024
5	Calibration Due Date	26.11.2025	26.11.2025

Verified By  
  
**T. Jyothirmal**  
(Technical -Manager)

\*\*\*\*\*END OF THE REPORT\*\*\*\*\*







**AR CLEAN  
ENVIRO LABS**

Water, Food & Environment Testing Laboratory

Recognized by MOEF & CC | Certified by ISO 9001:2015

#B-85/1/F5, 1st floor, Plot No. 10 & 25  
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www.arcleanenvirolabs.com



TC- 14660

### TEST REPORT

<b>Name and Address of the Client:</b> <b>M/S. Greenko AP01 IREP Private Limited,</b> 14-478/6, Sai Nagar, Panyam Village, Nandyal, Kurnool, Andhra Pradesh - 518112.		Issued Date:	01.04.2025
		ULR NO	TC1466025000000620F
		Sample Registration No	1780/03/25-003
		Test Report No	CEL /AAQ/1780/03/25-003
		Sample Description	Ambient Air Quality
		Sample Location	Power House
Subcontract Test	NA	Sample Condition when received	At Good Condition
Sample Collection Date	27.03.2025	Ambient Temperature °C	29°C
Sample Registration Date	28.03.2025	Weather Condition	Clear
Analysis Completion Date	01.04.2025	Wind Direction	NW
Sample Drawn By	Representative of CEL	Sample tested as Received Basis	

### TEST RESULT

Sampling Duration : 24 Hours

S. NO	TEST PARAMETERS	TEST METHOD	UOM	NAAQS Standards	RESULTS
1	Particulate Matter (PM <sub>10</sub> )	IS 5182 (Part 23) -2006	µg/m <sup>3</sup>	<100	48.5
2	Particulate Matter (PM <sub>2.5</sub> )	IS 5182 (Part 24) -2019	µg/m <sup>3</sup>	<60	35.2
3	Sulphur Dioxide (SO <sub>2</sub> )	IS 5182 (Part 2) -2023	µg/m <sup>3</sup>	<80	10.3
4	Nitrogen Dioxide (NO <sub>2</sub> )	IS 5182 (Part 6) -2006	µg/m <sup>3</sup>	<80	14.6
5	Ammonia (NH <sub>3</sub> )	IS 5182 (Part 25) -2018	µg/m <sup>3</sup>	< 400	1.53
6	Ozone (O <sub>3</sub> ) / 8 hours	IS:5182(Part-9) 1974, Ra 2009	µg/m <sup>3</sup>	< 100	1.60
7	Lead (Pb)	IS:5182(Part -22) -2019	µg/m <sup>3</sup>	< 1.0	< 0.1
8	Nickel (Ni)	IS:5182(Part -26) -2020	ng/m <sup>3</sup>	< 20	< 0.1

**Note:** Above tested results are well within the Limits as per NAAQS (National Ambient Air Quality Standards)

#### Calibration details:

S. No	Instrument	Respirable dust Sampler with Gaseous Attachment	Fine Particulate Sampler (PM2.5)
1	Make	Monisha Environmental Equipment's	Monisha Environmental Equipment's
2	Model/S. No	Monisha/MEE-RDS-442/250159	Monisha/MEE-FPS-406/250150
3	Equipment ID	QAWR005	QAWFP003
4	Calibration on	06.01.2025	06.01.2025
5	Calibration Due Date	05.01.2026	05.01.2026

Verified By  
  
 T. Jyothirmal  
 (Technical -Manager)



\*\*\*\*\*END OF THE REPORT\*\*\*\*\*

F/7.8/03

Issue No & Date: 03&01.09.2024

Amend No. & Date: 00 & 00

**AR CLEAN ENVIRO LABS LLP**

\*ISO 14001:2015\*

\*ISO 45001:2018\*

\*MSME\*

**TEST REPORT**

<b>Name and Address of the Client:</b> <b>M/S. Greenko AP01 IREP Private Limited,</b> 14-478/6, Sai Nagar, Panyam Village, Nandyal, Kurnool, Andhra Pradesh - 518112.		Issued Date:	01.04.2025
		Sample Registration No	1780/03/25-003NS
		Test Report No	CEL /AAQ/1780/03/25-003NS
		Sample Description	Ambient Air Quality
		Sample Location	Power House
Subcontract Test	NA	Sample Condition when received	At Good Condition
Sample Collection Date	27.03.2025	Ambient Temperature °C	29°C
Sample Registration Date	28.03.2025	Weather Condition	Clear
Analysis Completion Date	01.04.2025	Wind Direction	NW
Sample Drawn By	Representative of CEL	Sample tested as Received Basis	

**TEST RESULT**

Sampling Duration : 24 Hours

S. NO	TEST PARAMETERS	TEST METHOD	UOM	NAAQS Standards	RESULTS
1	Carbon Monoxide (CO)/8hrs	IS:5182(Part-10) 1999	mg/m <sup>3</sup>	< 2.0	0.64
2	Benzene	IS:5182(Part-11) 2006	µg/m <sup>3</sup>	< 5.0	< 0.1
3	Benzo (a)Pyrene	IS:5182(Part-11) 2006	ng/m <sup>3</sup>	< 1.0	< 0.1
4	Arsenic (As)	IS:5182(Part-22) 2006	ng/m <sup>3</sup>	< 6.0	< 0.1

**Note:** Above tested results are well within the Limits as per NAAQS (National Ambient Air Quality Standards)

**Calibration details:**

S. No	Instrument	Respirable dust Sampler with Gaseous Attachment	Fine Particulate Sampler (PM2.5)
1	Make	Monisha Environmental Equipment's	Monisha Environmental Equipment's
2	Model/S. No	Monisha/MEE-RDS-442/250159	Monisha/MEE-FPS-406/250150
3	Equipment ID	QAWR005	QAWFP003
4	Calibration on	06.01.2025	06.01.2025
5	Calibration Due Date	05.01.2026	05.01.2026

Verified By  
  
**T. Jyothirmal**  
(Technical -Manager)

\*\*\*\*\*END OF THE REPORT\*\*\*\*\*



F/7.8/03

Issue No &amp; Date: 03&amp;01.09.2024

Amend No. &amp; Date: 00 &amp; 00



### TEST REPORT

<b>Name and Address of the Client:</b> <b>M/S. Greenko AP01 IREP Private Limited,</b> 14-478/6, Sai Nagar, Panyam Village, Nandyal, Kurnool, Andhra Pradesh - 518112.		Issued Date:	01.04.2025
		ULR NO	TC1466025000000621F
		Sample Registration No	1780/03/25-004
		Test Report No	CEL /AAQ/1780/03/25-004
		Sample Description	Ambient Air Quality
		Sample Location	Upper Reservoir
Subcontract Test	NA	Sample Condition when received	At Good Condition
Sample Collection Date	27.03.2025	Ambient Temperature °C	29°C
Sample Registration Date	28.03.2025	Weather Condition	Clear
Analysis Completion Date	01.04.2025	Wind Direction	NW
Sample Drawn By	Representative of CEL	Sample tested as Received Basis	

### TEST RESULT

Sampling Duration : 24 Hours

S. NO	TEST PARAMETERS	TEST METHOD	UOM	NAAQS Standards	RESULTS
1	Particulate Matter (PM <sub>10</sub> )	IS 5182 (Part 23) -2006	µg/m <sup>3</sup>	<100	47.5
2	Particulate Matter (PM <sub>2.5</sub> )	IS 5182 (Part 24) -2019	µg/m <sup>3</sup>	<60	32.8
3	Sulphur Dioxide (SO <sub>2</sub> )	IS 5182 (Part 2) -2023	µg/m <sup>3</sup>	<80	9.7
4	Nitrogen Dioxide (NO <sub>2</sub> )	IS 5182 (Part 6) -2006	µg/m <sup>3</sup>	<80	13.8
5	Ammonia (NH <sub>3</sub> )	IS 5182 (Part 25) -2018	µg/m <sup>3</sup>	< 400	1.77
6	Ozone (O <sub>3</sub> ) / 8 hours	IS:5182(Part-9) 1974, Ra 2009	µg/m <sup>3</sup>	< 100	1.57
7	Lead (Pb)	IS:5182(Part-22) -2019	µg/m <sup>3</sup>	< 1.0	< 0.1
8	Nickel (Ni)	IS:5182(Part-26) -2020	ng/m <sup>3</sup>	< 20	< 0.1

Note: Above tested results are well within the Limits as per NAAQS (National Ambient Air Quality Standards)

#### Calibration details:

S. No	Instrument	Respirable dust Sampler with Gaseous Attachment	Fine Particulate Sampler (PM2.5)
1	Make	Monisha Environmental Equipment's	Monisha Environmental Equipment's
2	Model/S. No	Monisha/MEE-RDS-442/250160	Monisha/MEE-FPS-406/250151
3	Equipment ID	QAWR006	QAWFP004
4	Calibration on	06.01.2025	06.01.2025
5	Calibration Due Date	05.01.2026	05.01.2026

Verified By  
  
**T. Jyothirmal**  
(Technical -Manager)

\*\*\*\*\*END OF THE REPORT\*\*\*\*\*



F/7.8/03

Issue No &amp; Date: 03&amp;01.09.2024

Amend No. &amp; Date: 00 &amp; 00

**TEST REPORT**

<b>Name and Address of the Client:</b> <b>M/S. Greenko AP01 IREP Private Limited,</b> 14-478/6, Sai Nagar, Panyam Village, Nandyal, Kurnool, Andhra Pradesh - 518112.		Issued Date:	01.04.2025
		Sample Registration No	1780/03/25-004NS
		Test Report No	CEL /AAQ/1780/03/25-004NS
		Sample Description	<b>Ambient Air Quality</b>
		Sample Location	<b>Upper Reservoir</b>
Subcontract Test	NA	Sample Condition when received	At Good Condition
Sample Collection Date	27.03.2025	Ambient Temperature °C	29°C
Sample Registration Date	28.03.2025	Weather Condition	Clear
Analysis Completion Date	01.04.2025	Wind Direction	NW
Sample Drawn By	Representative of CEL	Sample tested as Received Basis	

**TEST RESULT**

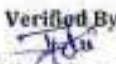
Sampling Duration : 24 Hours

S. NO	TEST PARAMETERS	TEST METHOD	UOM	NAAQS Standards	RESULTS
3	Carbon Monoxide (CO)/8hrs	IS:5182(Part-10) 1999	mg/m <sup>3</sup>	< 2.0	0.48
4	Benzene	IS:5182(Part-11) 2006	ug/m <sup>3</sup>	< 5.0	< 0.1
5	Benzo (a)Pyrene	IS:5182(Part-11) 2006	ng/m <sup>3</sup>	< 1.0	< 0.1
6	Arsenic (As)	IS:5182(Part-22) 2006	ng/m <sup>3</sup>	< 6.0	< 0.1

Note: Above tested results are well within the Limits as per NAAQS (National Ambient Air Quality Standards)

**Calibration details:**

S. No	Instrument	Respirable dust Sampler with Gaseous Attachment	Fine Particulate Sampler (PM2.5)
1	Make	Monisha Environmental Equipment's	Monisha Environmental Equipment's
2	Model/S. No	Monisha/MEE-RDS-442/250160	Monisha/MEE-FPS-406/250151
3	Equipment ID	QAWR006	QAWFP004
4	Calibration on	06.01.2025	06.01.2025
5	Calibration Due Date	05.01.2026	05.01.2026

Verified By  
  
**T. Iyathirmai**  
(Technical -Manager)



\*\*\*\*\*END OF THE REPORT\*\*\*\*\*

P/7.8/03

Issue No &amp; Date: 03&amp;01.09.2024

Amend No. &amp; Date: 00 &amp; 00



### TEST REPORT

<b>Name and Address of the Client:</b> <b>M/S. Greenko AP01 IREP Private Limited,</b> 14-478/6, Sai Nagar, Panyam Village, Nandyal, Kurnool, Andhra Pradesh - 518112.		Issued Date:	01.04.2025
		ULR NO	TC1466025000000622F
		Sample Registration No	1780/03/25-005
		Test Report No	CEL /AAQ/1780/03/25-005
		Sample Description	Ambient Air Quality
		Sample Location	Brahmanapalle
Subcontract Test	NA	Sample Condition when received	At Good Condition
Sample Collection Date	27.03.2025	Ambient Temperature °C	29°C
Sample Registration Date	28.03.2025	Weather Condition	Clear
Analysis Completion Date	01.04.2025	Wind Direction	NW
Sample Drawn By	Representative of CEL	Sample tested as Received Basis	

### TEST RESULT

Sampling Duration : 24 Hours

S. NO	TEST PARAMETERS	TEST METHOD	UOM	NAAQS Standards	RESULTS
1	Particulate Matter (PM <sub>10</sub> )	IS 5182 (Part 23) -2006	µg/m <sup>3</sup>	<100	50.7
2	Particulate Matter (PM <sub>2.5</sub> )	IS 5182 (Part 24) -2019	µg/m <sup>3</sup>	<60	31.6
3	Sulphur Dioxide (SO <sub>2</sub> )	IS 5182 (Part 2) -2023	µg/m <sup>3</sup>	<80	9.2
4	Nitrogen Dioxide (NO <sub>2</sub> )	IS 5182 (Part 6)-2006	µg/m <sup>3</sup>	<80	12.2
5	Ammonia (NH <sub>3</sub> )	IS 5182 (Part 25)-2018	µg/m <sup>3</sup>	< 400	1.84
6	Ozone (O <sub>3</sub> ) / 8 hours	IS:5182(Part-9) 1974, Ra 2009	µg/m <sup>3</sup>	< 100	1.68
7	Lead (Pb)	IS:5182(Part -22)-2019	µg/m <sup>3</sup>	< 1.0	< 0.1
8	Nickel (Ni)	IS:5182(Part -26) -2020	ng/m <sup>3</sup>	< 20	< 0.1

**Note:** Above tested results are well within the Limits as per NAAQS (National Ambient Air Quality Standards)

#### Calibration details:

S. No	Instrument	Respirable dust Sampler with Gaseous Attachment	Fine Particulate Sampler (PM2.5)
1	Make	Monisha Environmental Equipment's	Monisha Environmental Equipment's
2	Model/S. No	Monisha/MEE-RDS-442/250161	Monisha/MEE-FPS-406/250152
3	Equipment ID	QAWR007	QAWFP005
4	Calibration on	06.01.2025	06.01.2025
5	Calibration Due Date	05.01.2026	05.01.2026

Verified By  
  
T. Jyothirmal  
(Technical -Manager)

\*\*\*\*\*END OF THE REPORT\*\*\*\*\*



F/7.8/03

Issue No & Date: 03&01.09.2024

Amend No. & Date: 00 & 00

**TEST REPORT**

<b>Name and Address of the Client:</b> <b>M/S. Greenko AP01 IREP Private Limited,</b> 14-47B/6, Sai Nagar, Panyam Village, Nandyal, Kurnool, Andhra Pradesh - 518112.		Issued Date:	01.04.2025
		Sample Registration No	1780/03/25-005NS
		Test Report No	CEL /AAQ/1780/03/25-005NS
		Sample Description	<b>Ambient Air Quality</b>
		Sample Location	<b>Brahmanapalle</b>
Subcontract Test	NA	Sample Condition when received	At Good Condition
Sample Collection Date	27.03.2025	Ambient Temperature °C	29°C
Sample Registration Date	28.03.2025	Weather Condition	Clear
Analysis Completion Date	01.04.2025	Wind Direction	NW
Sample Drawn By	Representative of CEL	Sample tested as Received Basis	

**TEST RESULT**

Sampling Duration : 24 Hours

S. NO	TEST PARAMETERS	TEST METHOD	UOM	NAAQS Standards	RESULTS
1	Carbon Monoxide (CO)/8hrs	IS:5182(Part-10) 1999	mg/m <sup>3</sup>	< 2.0	0.76
2	Benzene	IS:5182(Part -11) 2006	µg/m <sup>3</sup>	< 5.0	< 0.1
3	Benzo (a)Pyrene	IS:5182(Part -11) 2006	ng/m <sup>3</sup>	< 1.0	< 0.1
4	Arsenic (As)	IS:5182(Part -22) 2006	ng/m <sup>3</sup>	< 6.0	< 0.1

Note: Above tested results are well within the Limits as per NAAQS (National Ambient Air Quality Standards)

**Calibration details:**

S. No	Instrument	Respirable dust Sampler with Gaseous Attachment	Fine Particulate Sampler (PM2.5)
1	Make	Monisha Environmental Equipment's	Monisha Environmental Equipment's
2	Model/S. No	Monisha/MEE-RDS-442/250161	Monisha/MEE-FPS-406/250152
3	Equipment ID	QAWR007	QAWFP005
4	Calibration on	06.01.2025	06.01.2025
5	Calibration Due Date	05.01.2026	05.01.2026

Verified By  
  
**T. Jyothirmal**  
(Technical Manager)

\*\*\*\*\*END OF THE REPORT\*\*\*\*\*



F/7.B/03

Issue No &amp; Date: 03&amp;01.09.2024

Amend No. &amp; Date: 00 &amp; 00





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ENVIRO LABS**

Water, Food & Environment Testing Laboratory  
Recognized by MOEF & CC | Certified by ISO 9001:2015

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Ph : +91 8121165649 | 8001676472  
E-mail : cleanenvirolabs@gmail.com  
www.arcleanenvirolabs.com



TC- 14660

### TEST REPORT

<b>Name and Address of the Client:</b> M/S. Greenko AP01 IREP Private Limited, 14-478/6, Sai Nagar, Panyam Village, Nandyal, Kurnool, Andhra Pradesh - 518112.		Issued Date:	01.04.2025
		ULR NO	TC1466025000000623F
		Sample Registration No	1780/03/25-006
		Test Report No	CEL /AAQ/1780/03/25-006
		Sample Description	Ambient Air Quality
		Sample Location	CPSS
Subcontract Test	NA	Sample Condition when received	At Good Condition
Sample Collection Date	27.03.2025	Ambient Temperature °C	29°C
Sample Registration Date	28.03.2025	Weather Condition	Clear
Analysis Completion Date	01.04.2025	Wind Direction	NW
Sample Drawn By	Representative of CEL	Sample tested as Received Basis	

Sampling Duration : 24 Hours

### TEST RESULT

S. NO	TEST PARAMETERS	TEST METHOD	UOM	NAAQS Standards	RESULTS
1	Particulate Matter (PM <sub>10</sub> )	IS 5182 (Part 23) -2006	µg/m <sup>3</sup>	<100	55.3
2	Particulate Matter (PM <sub>2.5</sub> )	IS 5182 (Part 24) -2019	µg/m <sup>3</sup>	<60	38.6
3	Sulphur Dioxide (SO <sub>2</sub> )	IS 5182 (Part 2) -2023	µg/m <sup>3</sup>	<80	13.4
4	Nitrogen Dioxide (NO <sub>2</sub> )	IS 5182 (Part 6)-2006	µg/m <sup>3</sup>	<80	20.8
5	Ammonia (NH <sub>3</sub> )	IS 5182 (Part 25)-2018	µg/m <sup>3</sup>	< 400	2.12
6	Ozone (O <sub>3</sub> )/ 8 hours	IS:5182(Part-9) 1974, Ra 2009	µg/m <sup>3</sup>	< 100	1.96
7	Lead (Pb)	IS:5182(Part -22) -2019	µg/m <sup>3</sup>	< 1.0	< 0.1
8	Nickel (Ni)	IS:5182(Part -26) -2020	ng/m <sup>3</sup>	< 20	< 0.1

**Note:** Above tested results are well within the Limits as per NAAQS (National Ambient Air Quality Standards)

#### Calibration details:

S. No	Instrument	Respirable dust Sampler with Gaseous Attachment	Fine Particulate Sampler (PM2.5)
1	Make	Monisha Environmental Equipment's	Monisha Environmental Equipment's
2	Model/S. No	Monisha/MEE-RDS-442/250162	Monisha/MEE-FPS-406/250153
3	Equipment ID	QAWR008	QAWFP006
4	Calibration on	06.01.2025	06.01.2025
5	Calibration Due Date	05.01.2026	05.01.2026

Verified By  
  
T. Jyothirmal  
(Technical -Manager)

\*\*\*\*\*END OF THE REPORT\*\*\*\*\*



F/7.8/03

Issue No & Date: 03&01.09.2024

Amend No. & Date: 00 & 00

**AR CLEAN ENVIRO LABS LLP**

\*ISO 14001:2015\*

\*ISO 45001:2018\*

\*MSME\*



### TEST REPORT

<b>Name and Address of the Client:</b> <b>M/S. Greenko AP01 IREP Private Limited,</b> 14-478/6, Sai Nagar, Panyam Village, Nandyal, Kurnool, Andhra Pradesh - 518112.		Issued Date:	01.04.2025
		Sample Registration No	1780/03/25-006NS
		Test Report No	CEL /AAQ/1780/03/25-006NS
		Sample Description	Ambient Air Quality
		Sample Location	CPSS
Subcontract Test	NA	Sample Condition when received	At Good Condition
Sample Collection Date	27.03.2025	Ambient Temperature °C	29°C
Sample Registration Date	28.03.2025	Weather Condition	Clear
Analysis Completion Date	01.04.2025	Wind Direction	NW
Sample Drawn By	Representative of CEL	Sample tested as Received Basis	

### TEST RESULT

Sampling Duration : 24 Hours

S. NO	TEST PARAMETERS	TEST METHOD	UOM	NAAQS Standards	RESULTS
1	Carbon Monoxide (CO)/Bhrs	IS:5182(Part-10) 1999	mg/m <sup>3</sup>	< 2.0	1.0
2	Benzene	IS:5182(Part-11) 2006	µg/m <sup>3</sup>	< 5.0	< 0.1
3	Benzo (a)Pyrene	IS:5182(Part-11) 2006	ng/m <sup>3</sup>	< 1.0	< 0.1
4	Arsenic (As)	IS:5182(Part-22) 2006	ng/m <sup>3</sup>	< 6.0	< 0.1

**Note:** Above tested results are well within the Limits as per NAAQS (National Ambient Air Quality Standards)

#### Calibration details:

S. No	Instrument	Respirable dust Sampler with Gaseous Attachment	Fine Particulate Sampler (PM2.5)
1	Make	Monisha Environmental Equipment's	Monisha Environmental Equipment's
2	Model/S. No	Monisha/MEE-RDS-442/250162	Monisha/MEE-FPS-406/250153
3	Equipment ID	QAWR008	QAWFP006
4	Calibration on	06.01.2025	06.01.2025
5	Calibration Due Date	05.01.2026	05.01.2026

Verified By  
*[Signature]*  
T. Jyothirmay  
(Technical -Manager)

\*\*\*\*\*END OF THE REPORT\*\*\*\*\*



F/7.8/03

Issue No &amp; Date: 03&amp;01.09.2024

Amend No. &amp; Date: 00 &amp; 00

**TEST REPORT**
**Name and Address of the Client:**

M/S. Greenko AP01 IREP Private Limited,  
14-478/6, Sai Nagar, Panyam Village,  
Nandyal, Kurnool, Andhra Pradesh - 518112.

ULR No : TC1466025000000624F  
Sample Registration : 1769/03/25-009  
Test Report No : CEL/W/1769/03/25-009  
Report Issued Date: : 29.03.2025  
Your Reference : Nil  
Date of Receipt : 25.03.2025

Group : Water  
Discipline : Chemical & Biological  
Sample Description : Ground Water  
Sample Quantity : 2 Litres x 1No  
Sample Packing : Clean & Sterile Container

Date of Registration : 25.03.2025  
Date of Commencement of Testing : 25.03.2025  
Date of Completion of Testing : 29.03.2025  
Sample Condition of Receipt : Found Ok

Sample Tested as Received Basis

**Sampling Details**

Date of Sampling : 23.03.2025

Environment Condition: Temperature : 29.5° C, Humidity: 52%

Sampling Method: APHA 24<sup>th</sup> Edition 1060-B

Sample Location: Komma Cheruvu Anjaneya Swamy Temple

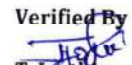
Sample Collected By: CEL Representative


**TEST RESULT**

S. No	PHYSICAL AND CHEMICAL ANALYSIS	TEST METHOD	UNITS	RESULTS	DRINKING WATER LIMITS AS PER IS:10500-2012	
					ACCEPTABLE LIMITS	PERMISSIBLE LIMITS
1.	pH@25.0°C	APHA 24 <sup>th</sup> Edition -4500-H <sup>+</sup> -B (2023)	--	7.28	6.5 - 8.5	No relaxation
2.	Electrical Conductivity	APHA 24 <sup>th</sup> Edition -2510-B (2023)	µs/cm	1400	Not Specified	Not Specified
3.	Total Dissolved Solids	APHA 24 <sup>th</sup> Edition -2540-C (2023)	mg/l	852	Max. 500	Max.2000
4.	Turbidity	APHA 24 <sup>th</sup> Edition -2130-B (2023)	NTU	1.0	Max. 1.0	Max.5.0
5.	Color	APHA 24 <sup>th</sup> Edition 2120 C (2023)	CU	<5.0	Max. 5.0	Max. 15
6.	Total Alkalinity as CaCO <sub>3</sub>	APHA 24 <sup>th</sup> Edition -2320-B (2023)	mg/l	320	Max. 200	Max.600
7.	Total Hardness as CaCO <sub>3</sub>	APHA 24 <sup>th</sup> Edition -2340-C (2023)	mg/l	276	Max. 200	Max.600
8.	Calcium as Ca	APHA 24 <sup>th</sup> Edition -3500Ca-B (2023)	mg/l	58.6	Max. 75	Max.200
9.	Magnesium as Mg	APHA 24 <sup>th</sup> Edition -3500Mg-B (2023)	mg/l	31.4	Max. 30	Max.100
10.	Chlorides as Cl	APHA 24 <sup>th</sup> Edition -4500Cl-B (2023)	mg/l	236	Max. 250	Max.1000
11.	Sodium as Na	IS 3025 part - 45: 2024	mg/l	176	Not Specified	Not Specified
12.	Potassium as K	IS 3025 part - 45: 2024	mg/l	34	Not Specified	Not Specified
13.	Sulphates as SO <sub>4</sub>	APHA 24 <sup>th</sup> Edition -4500SO <sub>4</sub> -E (2023)	mg/l	68.4	Max. 200	Max.400
14.	Iron as Fe	APHA 24 <sup>th</sup> Edition -3500-B-Fe (2023)	mg/l	0.18	Max. 1.0	No relaxation
15.	Fluoride as F	APHA 24 <sup>th</sup> Edition -4500F-D (2023)	mg/l	0.72	Max. 1.0	Max.1.5
16.	Silica as SiO <sub>2</sub>	APHA 24 <sup>th</sup> Edition -4500 SiO <sub>2</sub> -C (2023)	mg/l	0.60	Not Specified	Not Specified
17.	Nitrates as NO <sub>3</sub>	APHA 24 <sup>th</sup> Edition 4500 NO3 B (2023)	mg/l	36.8	Max. 45	No relaxation
<b>MICROBIOLOGICAL ANALYSIS</b>						
18.	Total Bacterial Count	IS 1622:1981	Cfu/ml	226	Not Specified	Not Specified
19.	Coliforms	IS 1622: 1981	MPN/100ml	<2	--	--
20.	Escherichia. Coli	IS 1622: 1981	MPN/100ml	<2	--	--

APHA - American Public Health Association IS - Indian Standard.

Note: &lt; 2 Indicates the minimum detection limit in the given sample it considered as absent.

Verified By  
  
T. Jyothirmmai  
(Lab Incharge-Chemical)

Authorized By  
  
Poonam Lata  
(Lab Incharge-Microbiology)


\*\*\*\*\*END OF THE REPORT\*\*\*\*\*

Issue No &amp; Date: 03 &amp; 01.09.2024

Amend No. &amp; Date: 00 &amp; 00

F/7.8/03



### TEST REPORT

#### Name and Address of the Client:

**M/S. Greenko AP01 IREP Private Limited,**  
14-478/6, Sai Nagar, Panyam Village,  
Nandyal, Kurnool, Andhra Pradesh – 518112.

**ULR No** : TC1466025000000625F  
**Sample Registration** : 1769/03/25-010  
**Test Report No** : CEL/W/1769/03/25-010  
**Report Issued Date:** : 29.03.2025  
**Your Reference** : Nil  
**Date of Receipt** : 25.03.2025

**Group** : Water  
**Discipline** : Chemical & Biological  
**Sample Description** : Ground Water  
**Sample Quantity** : 2 Litres x 1No  
**Sample Packing** : Clean & Sterile Container

**Date of Registration** : 25.03.2025  
**Date of Commencement of Testing** : 25.03.2025  
**Date of Completion of Testing** : 29.03.2025  
**Sample Condition of Receipt** : Found Ok

Sample Tested as Received Basis

#### Sampling Details

**Date of Sampling** : 23.03.2025

**Environment Condition** : Temperature : 29.5° C, Humidity: 52%

**Sampling Method** : APHA 24<sup>th</sup> Edition 1060-B

**Sample Location** : Gumitham Mallikajunana Swamy temple

**Sample Collected By** : CEL Representative

### TEST RESULT

S. No	PHYSICAL AND CHEMICAL ANALYSIS	TEST METHOD	UNITS	RESULTS	DRINKING WATER LIMITS AS PER IS:10500-2012	
					ACCEPTABLE LIMITS	PERMISSIBLE LIMITS
1.	pH@25.0°C	APHA 24 <sup>th</sup> Edition -4500-H <sup>+</sup> -B (2023)	--	7.40	6.5 – 8.5	No relaxation
2.	Electrical Conductivity	APHA 24 <sup>th</sup> Edition -2510-B (2023)	µs/cm	612	Not Specified	Not Specified
3.	Total Dissolved Solids	APHA 24 <sup>th</sup> Edition -2540-C (2023)	mg/l	364	Max. 500	Max.2000
4.	Turbidity	APHA 24 <sup>th</sup> Edition -2130-B (2023)	NTU	1.0	Max. 1.0	Max.5.0
5.	Color	APHA 24 <sup>th</sup> Edition 2120 C (2023)	CU	<5.0	Max. 5.0	Max. 15
6.	Total Alkalinity as CaCO <sub>3</sub>	APHA 24 <sup>th</sup> Edition -2320-B (2023)	mg/l	176	Max. 200	Max.600
7.	Total Hardness as CaCO <sub>3</sub>	APHA 24 <sup>th</sup> Edition -2340-C (2023)	mg/l	138	Max. 200	Max.600
8.	Calcium as Ca	APHA 24 <sup>th</sup> Edition -3500Ca-B (2023)	mg/l	34	Max. 75	Max.200
9.	Magnesium as Mg	APHA 24 <sup>th</sup> Edition -3500Mg-B (2023)	mg/l	13	Max. 30	Max.100
10.	Chlorides as Cl	APHA 24 <sup>th</sup> Edition -4500Cl-B (2023)	mg/l	92	Max. 250	Max.1000
11.	Sodium as Na	IS 3025 part – 45: 2024	mg/l	76	Not Specified	Not Specified
12.	Potassium as K	IS 3025 part – 45: 2024	mg/l	4.0	Not Specified	Not Specified
13.	Sulphates as SO <sub>4</sub>	APHA 24 <sup>th</sup> Edition -4500SO <sub>4</sub> -E (2023)	mg/l	22.8	Max. 200	Max.400
14.	Iron as Fe	APHA 24 <sup>th</sup> Edition -3500-B-Fe (2023)	mg/l	0.10	Max. 1.0	No relaxation
15.	Fluoride as F	APHA 24 <sup>th</sup> Edition -4500F-D (2023)	mg/l	0.52	Max. 1.0	Max.1.5
16.	Silica as SiO <sub>2</sub>	APHA 24 <sup>th</sup> Edition -4500 SiO <sub>2</sub> -C (2023)	mg/l	0.40	Not Specified	Not Specified
17.	Nitrates as NO <sub>3</sub>	APHA 24 <sup>th</sup> Edition 4500 NO <sub>3</sub> B (2023)	mg/l	8.6	Max. 45	No relaxation
<b>MICROBIOLOGICAL ANALYSIS</b>						
18.	Total Bacterial Count	IS 1622:1981	Cfu/ml	78	Not Specified	Not Specified
19.	Coliforms	IS 1622: 1981	MPN/100ml	<2	--	--
20.	Escherichia. Coli	IS 1622: 1981	MPN/100ml	<2	--	--

APHA – American Public Health Association IS – Indian Standard.

Note: < 2 Indicates the minimum detection limit in the given sample it considered as absent.

Verified By

T. Jyothirmai  
(Lab Incharge-Chemical)

Authorized By

Poonam Lata  
(Lab Incharge-Microbiology)



\*\*\*\*\*END OF THE REPORT\*\*\*\*\*

Issue No & Date: 03 & 01.09.2024

Amend No. & Date: 00 & 00

F/7.8/03





**AR CLEAN  
ENVIRO LABS**

Water, Food & Environment Testing Laboratory  
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www.arcleanenvirolabs.com



TC- 14660

### TEST REPORT

#### Name and Address of the Client:

M/S. Greenko AP01 IREP Private Limited,  
14-478/6, Sai Nagar, Panyam Village,  
Nandyal, Kurnool, Andhra Pradesh - 518112.

ULR No : TC1466025000000626F  
Sample Registration : 1769/03/25-011  
Test Report No : CEL/W/1769/03/25-011  
Report Issued Date: 29.03.2025  
Your Reference : Nil  
Date of Receipt : 25.03.2025

Group : Water  
Discipline : Chemical & Biological  
Sample Description : Ground Water  
Sample Quantity : 2 Litres x 1No  
Sample Packing : Clean & Sterile Container

Date of Registration : 25.03.2025  
Date of Commencement of Testing : 25.03.2025  
Date of Completion of Testing : 29.03.2025  
Sample Condition of Receipt : Found Ok

Sample Tested as Received Basis

#### Sampling Details

Date of Sampling : 23.03.2025

Environment Condition: Temperature : 29.5° C, Humidity: 52%

Sampling Method: APHA 24<sup>th</sup> Edition 1060-B

Sample Location: Gumitham Thanda

Sample Collected By: CEL Representative

### TEST RESULT

S. No	PHYSICAL AND CHEMICAL ANALYSIS	TEST METHOD	UNITS	RESULTS	DRINKING WATER LIMITS AS PER IS:10500-2012	
					ACCEPTABLE LIMITS	PERMISSIBLE LIMITS
1.	pH@25.0°C	APHA 24 <sup>th</sup> Edition -4500-H <sup>+</sup> -B (2023)	--	7.65	6.5 - 8.5	No relaxation
2.	Electrical Conductivity	APHA 24 <sup>th</sup> Edition -2510-B (2023)	µs/cm	1033	Not Specified	Not Specified
3.	Total Dissolved Solids	APHA 24 <sup>th</sup> Edition -2540-C (2023)	mg/l	604	Max. 500	Max.2000
4.	Turbidity	APHA 24 <sup>th</sup> Edition -2130-B (2023)	NTU	1.0	Max. 1.0	Max.5.0
5.	Color	APHA 24 <sup>th</sup> Edition 2120 C (2023)	CU	<5.0	Max. 5.0	Max. 15
6.	Total Alkalinity as CaCO <sub>3</sub>	APHA 24 <sup>th</sup> Edition -2320-B (2023)	mg/l	258	Max. 200	Max.600
7.	Total Hardness as CaCO <sub>3</sub>	APHA 24 <sup>th</sup> Edition -2340-C (2023)	mg/l	272	Max. 200	Max.600
8.	Calcium as Ca	APHA 24 <sup>th</sup> Edition -3500Ca-B (2023)	mg/l	56	Max. 75	Max.200
9.	Magnesium as Mg	APHA 24 <sup>th</sup> Edition -3500Mg-B (2023)	mg/l	32	Max. 30	Max.100
10.	Chlorides as Cl	APHA 24 <sup>th</sup> Edition -4500Cl-B (2023)	mg/l	184	Max. 250	Max.1000
11.	Sodium as Na	IS 3025 part - 45: 2024	mg/l	118	Not Specified	Not Specified
12.	Potassium as K	IS 3025 part - 45: 2024	mg/l	6.0	Not Specified	Not Specified
13.	Sulphates as SO <sub>4</sub>	APHA 24 <sup>th</sup> Edition -4500SO <sub>4</sub> -E (2023)	mg/l	40.2	Max. 200	Max.400
14.	Iron as Fe	APHA 24 <sup>th</sup> Edition -3500-B-Fe (2023)	mg/l	0.12	Max. 1.0	No relaxation
15.	Fluoride as F	APHA 24 <sup>th</sup> Edition -4500F-D (2023)	mg/l	0.62	Max. 1.0	Max.1.5
16.	Silica as SiO <sub>2</sub>	APHA 24 <sup>th</sup> Edition -4500 SiO <sub>2</sub> -C (2023)	mg/l	0.50	Not Specified	Not Specified
17.	Nitrates as NO <sub>3</sub>	APHA 24 <sup>th</sup> Edition 4500 NO <sub>3</sub> B (2023)	mg/l	16.2	Max. 45	No relaxation
<b>MICROBIOLOGICAL ANALYSIS</b>						
18.	Total Bacterial Count	IS 1622:1981	Cfu/ml	202	Not Specified	Not Specified
19.	Coliforms	IS 1622: 1981	MPN/100ml	<2	--	--
20.	Escherichia. Coli	IS 1622: 1981	MPN/100ml	<2	--	--

APHA - American Public Health Association IS - Indian Standard.

Note: < 2 Indicates the minimum detection limit in the given sample it considered as absent.

Verified By

T. Jyothirmmai  
(Lab Incharge-Chemical)

Authorized By

Poonam Lata  
(Lab Incharge-Microbiology)



\*\*\*\*\*END OF THE REPORT\*\*\*\*\*

Issue No & Date: 03 & 01.09.2024

Amend No. & Date: 00 & 00

F/7.8/03

**AR CLEAN ENVIRO LABS LLP**

\*ISO 14001:2015\*

\*ISO 45001:2018\*

\*MSME\*



**TEST REPORT**

<b>Name and Address of the Client:</b> <b>M/S. Greenko AP01 IREP Private Limited,</b> 14-478/6, Sai Nagar, Panyam Village, Nandyal, Kurnool, Andhra Pradesh – 518112.		<b>ULR No</b> : TC1466025000000627F <b>Sample Registration</b> : 1769/03/25-012 <b>Test Report No</b> : CEL/W/1769/03/25-012 <b>Report Issued Date:</b> : 29.03.2025 <b>Your Reference</b> : Nil <b>Date of Receipt</b> : 25.03.2025
<b>Group</b> : Water <b>Discipline</b> : Chemical & Biological <b>Sample Description</b> : Ground Water <b>Sample Quantity</b> : 2 Litres x 1No <b>Sample Packing</b> : Clean & Sterile Container	<b>Date of Registration</b> : 25.03.2025 <b>Date of Commencement of Testing</b> : 25.03.2025 <b>Date of Completion of Testing</b> : 29.03.2025 <b>Sample Condition of Receipt</b> : Found Ok	<i>Sample Tested as Received Basis</i>
<b>Sampling Details</b>		
<b>Date of Sampling</b> : 23.03.2025		<b>Environment Condition</b> : Temperature : 29.5° C, Humidity: 52%
<b>Sampling Method</b> : APHA 24 <sup>th</sup> Edition 1060-B		<b>Sample Location</b> : Brahmanapalle
<b>Sample Collected By</b> : CEL Representative		

**TEST RESULT**

S. No	PHYSICAL AND CHEMICAL ANALYSIS	TEST METHOD	UNITS	RESULTS	DRINKING WATER LIMITS AS PER IS:10500-2012	
					ACCEPTABLE LIMITS	PERMISSIBLE LIMITS
1.	pH@25.0°C	APHA 24 <sup>th</sup> Edition -4500-H+-B (2023)	--	7.50	6.5 – 8.5	No relaxation
2.	Electrical Conductivity	APHA 24 <sup>th</sup> Edition -2510-B (2023)	µs/cm	875	Not Specified	Not Specified
3.	Total Dissolved Solids	APHA 24 <sup>th</sup> Edition -2540-C (2023)	mg/l	528	Max. 500	Max.2000
4.	Turbidity	APHA 24 <sup>th</sup> Edition -2130-B (2023)	NTU	1.0	Max. 1.0	Max.5.0
5.	Color	APHA 24 <sup>th</sup> Edition 2120 C (2023)	CU	<5.0	Max. 5.0	Max. 15
6.	Total Alkalinity as CaCO <sub>3</sub>	APHA 24 <sup>th</sup> Edition -2320-B (2023)	mg/l	240	Max. 200	Max.600
7.	Total Hardness as CaCO <sub>3</sub>	APHA 24 <sup>th</sup> Edition -2340-C (2023)	mg/l	252	Max. 200	Max.600
8.	Calcium as Ca	APHA 24 <sup>th</sup> Edition -3500Ca-B (2023)	mg/l	58	Max. 75	Max.200
9.	Magnesium as Mg	APHA 24 <sup>th</sup> Edition -3500Mg-B (2023)	mg/l	26	Max. 30	Max.100
10.	Chlorides as Cl	APHA 24 <sup>th</sup> Edition -4500Cl-B (2023)	mg/l	138	Max. 250	Max.1000
11.	Sodium as Na	IS 3025 part – 45: 2024	mg/l	86	Not Specified	Not Specified
12.	Potassium as K	IS 3025 part – 45: 2024	mg/l	4.0	Not Specified	Not Specified
13.	Sulphates as SO <sub>4</sub>	APHA 24 <sup>th</sup> Edition -4500SO <sub>4</sub> -E (2023)	mg/l	35.2	Max. 200	Max.400
14.	Iron as Fe	APHA 24 <sup>th</sup> Edition -3500-B-Fe (2023)	mg/l	0.11	Max. 1.0	No relaxation
15.	Fluoride as F	APHA 24 <sup>th</sup> Edition -4500F-D (2023)	mg/l	0.58	Max. 1.0	Max.1.5
16.	Silica as SiO <sub>2</sub>	APHA 24 <sup>th</sup> Edition -4500 SiO <sub>2</sub> -C (2023)	mg/l	0.41	Not Specified	Not Specified
17.	Nitrates as NO <sub>3</sub>	APHA 24 <sup>th</sup> Edition 4500 NO3 B (2023)	mg/l	10.4	Max. 45	No relaxation
<b>MICROBIOLOGICAL ANALYSIS</b>						
18.	Total Bacterial Count	IS 1622:1981	Cfu/ml	96	Not Specified	Not Specified
19.	Coliforms	IS 1622: 1981	MPN/100ml	<2	--	--
20.	Escherichia. Coli	IS 1622: 1981	MPN/100ml	<2	--	--

APHA – American Public Health Association IS – Indian Standard.

Note: &lt; 2 Indicates the minimum detection limit in the given sample it considered as absent.

Verified By

T. Jyothirmai  
(Lab Incharge-Chemical)

Authorized By

Poonam Lata  
(Lab Incharge-Microbiology)

\*\*\*\*\*END OF THE REPORT\*\*\*\*\*

Issue No &amp; Date: 03 &amp; 01.09.2024



Amend No. &amp; Date: 00 &amp; 00

F/7.8/03



**TEST REPORT**
**Name and Address of the Client:**

M/S. Greenko AP01 IREP Private Limited,  
14-478/6, Sai Nagar, Panyam Village,  
Nandyal, Kurnool, Andhra Pradesh – 518112.

ULR No : TC1466025000000628F  
Sample Registration : 1769/03/25-013  
Test Report No : CEL/W/1769/03/25-013  
Report Issued Date: : 29.03.2025  
Your Reference : Nil  
Date of Receipt : 25.03.2025

Group : Water  
Discipline : Chemical & Biological  
Sample Description : Ground Water  
Sample Quantity : 2 Litres x 1No  
Sample Packing : Clean & Sterile Container

Date of Registration : 25.03.2025  
Date of Commencement of Testing : 25.03.2025  
Date of Completion of Testing : 29.03.2025  
Sample Condition of Receipt : Found Ok

Sample Tested as Received Basis

**Sampling Details**

Date of Sampling : 23.03.2025

Environment Condition: Temperature : 29.5° C, Humidity: 52%

Sampling Method: APHA 24<sup>th</sup> Edition 1060-B

Sample Location: Pinnapuram

Sample Collected By: CEL Representative

**TEST RESULT**

S. No	PHYSICAL AND CHEMICAL ANALYSIS	TEST METHOD	UNITS	RESULTS	DRINKING WATER LIMITS AS PER IS:10500-2012	
					ACCEPTABLE LIMITS	PERMISSIBLE LIMITS
1.	pH@25.0°C	APHA 24 <sup>th</sup> Edition -4500-H-B (2023)	--	7.46	6.5 – 8.5	No relaxation
2.	Electrical Conductivity	APHA 24 <sup>th</sup> Edition -2510-B (2023)	µs/cm	691	Not Specified	Not Specified
3.	Total Dissolved Solids	APHA 24 <sup>th</sup> Edition -2540-C (2023)	mg/l	418	Max. 500	Max.2000
4.	Turbidity	APHA 24 <sup>th</sup> Edition -2130-B (2023)	NTU	1.0	Max. 1.0	Max.5.0
5.	Color	APHA 24 <sup>th</sup> Edition 2120 C (2023)	CU	<5.0	Max. 5.0	Max. 15
6.	Total Alkalinity as CaCO <sub>3</sub>	APHA 24 <sup>th</sup> Edition -2320-B (2023)	mg/l	186	Max. 200	Max.600
7.	Total Hardness as CaCO <sub>3</sub>	APHA 24 <sup>th</sup> Edition -2340-C (2023)	mg/l	190	Max. 200	Max.600
8.	Calcium as Ca	APHA 24 <sup>th</sup> Edition -3500Ca-B (2023)	mg/l	42	Max. 75	Max.200
9.	Magnesium as Mg	APHA 24 <sup>th</sup> Edition -3500Mg-B (2023)	mg/l	20.6	Max. 30	Max.100
10.	Chlorides as Cl	APHA 24 <sup>th</sup> Edition -4500Cl-B (2023)	mg/l	112	Max. 250	Max.1000
11.	Sodium as Na	IS 3025 part - 45: 2024	mg/l	72	Not Specified	Not Specified
12.	Potassium as K	IS 3025 part - 45: 2024	mg/l	5.0	Not Specified	Not Specified
13.	Sulphates as SO <sub>4</sub>	APHA 24 <sup>th</sup> Edition -4500SO <sub>4</sub> -E (2023)	mg/l	23.8	Max. 200	Max.400
14.	Iron as Fe	APHA 24 <sup>th</sup> Edition -3500-B-Fe (2023)	mg/l	0.10	Max. 1.0	No relaxation
15.	Fluoride as F	APHA 24 <sup>th</sup> Edition -4500F-D (2023)	mg/l	0.50	Max. 1.0	Max.1.5
16.	Silica as SiO <sub>2</sub>	APHA 24 <sup>th</sup> Edition -4500 SiO <sub>2</sub> -C (2023)	mg/l	0.38	Not Specified	Not Specified
17.	Nitrates as NO <sub>3</sub>	APHA 24 <sup>th</sup> Edition 4500 NO <sub>3</sub> B (2023)	mg/l	9.6	Max. 45	No relaxation
<b>MICROBIOLOGICAL ANALYSIS</b>						
18.	Total Bacterial Count	IS 1622:1981	Cfu/ml	84	Not Specified	Not Specified
19.	Coliforms	IS 1622: 1981	MPN/100ml	<2	--	--
20.	Escherichia. Coli	IS 1622: 1981	MPN/100ml	<2	--	--

APHA – American Public Health Association IS – Indian Standard.

Note: &lt; 2 Indicates the minimum detection limit in the given sample it considered as absent.

Verified By

T. Jyothirmmai  
(Lab Incharge-Chemical)

Authorized By

Poojiam Lata  
(Lab Incharge-Microbiology)

\*\*\*\*\*END OF THE REPORT\*\*\*\*\*

F/7.8/03

Issue No &amp; Date: 03 &amp; 01.09.2024

Amend No. &amp; Date: 00 &amp; 00



**TEST REPORT**
**Name and Address of the Client:**

M/S. Greenko AP01 IREP Private Limited,  
14-478/6, Sai Nagar, Panyam Village,  
Nandyal, Kurnool, Andhra Pradesh - 518112.

ULR No : TC1466025000000629F  
Sample Registration : 1769/03/25-014  
Test Report No : CEL/W/1769/03/25-014  
Report Issued Date: : 29.03.2025  
Your Reference : Nil  
Date of Receipt : 25.03.2025

Group : Water  
Discipline : Chemical  
Sample Description : Surface Water  
Sample Quantity : 1 Liter  
Sample Packing : Clean & Sterile Container

Date of Registration : 25.03.2025  
Date of Commencement of Testing : 25.03.2025  
Date of Completion of Testing : 29.03.2025  
Sample Condition of Receipt : Found Ok

Sample Tested as Received Basis

**Sampling Details**

Date of Sampling : 23.03.2025

Environment Condition: Temperature : 29.5° C, Humidity: 52%

Sampling Method: APHA 24<sup>th</sup> Edition 1060-B


Sample Location: Pinnapuram Pond

Sample Collected By: CEL Representative

**TEST RESULT**

S. No	TEST PARAMETERS	TEST METHOD	UNITS	RESULTS	CPCB Class C
1	pH @25.0°C	APHA 24 <sup>th</sup> Edition -4500-H <sup>+</sup> -B (2023)	--	8.40	6 - 9
2.	Electrical Conductivity	APHA 24 <sup>th</sup> Edition -2510-B (2023)	µs/cm	1586	Not Specified
3.	Chemical Oxygen Demand	APHA 24 <sup>th</sup> Edition 5220 B (2023)	mg/L	340	--
4.	Bio Chemical Oxygen Demand (3 Days at 27°C)	IS 3025 (Part 44) 2023	mg/L	87	--
5.	Dissolved Oxygen	APHA 24 <sup>th</sup> Edition 4500 -O-C (2023)	mg/L	4.9	>4.0

APHA - American Public Health Association IS - Indian Standard.

Verified By  
  
T. Jyothirmai  
(Technical -Manager)


\*\*\*\*\*END OF THE REPORT\*\*\*\*\*

F/7.8/03

Issue No &amp; Date: 03 &amp; 01.09.2024

Amend No. &amp; Date: 00 &amp; 00





# AR CLEAN ENVIRO LABS

Water, Food & Environment Testing Laboratory

Recognized by MOEF & CC | Certified by ISO 9001:2015

# 8-85/1/F5, 1st floor, Plot No. 10 & 25  
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Medchal Malkajgiri (Dist.),  
Hyderabad-500098, Telangana, India  
Ph : +91 8121165649 | 8801676472  
E-mail : cleanenvirolabs@gmail.com  
www.cleanenvirolabs.in

## TEST REPORT

**Name and Address of the Client:**  
M/S. Greenko AP01 IREP Private Limited,  
14-478/6, Sai Nagar, Panyam Village,  
Nandyal, Kurnool, Andhra Pradesh - 518112.

**Sample Registration** : 1769/03/25-014NS  
**Test Report No** : CEL/W/1769/03/25-014NS  
**Report Issued Date:** : 29.03.2025  
**Your Reference** : Nil  
**Date of Receipt** : 25.03.2025

**Group** : Water  
**Discipline** : Biological  
**Sample Description** : Surface Water  
**Sample Quantity** : 1 Liter  
**Sample Packing** : Clean & Sterile Container

**Date of Registration** : 25.03.2025  
**Date of Commencement of Testing** : 25.03.2025  
**Date of Completion of Testing** : 29.03.2025  
**Sample Condition of Receipt** : Found Ok

*Sample Tested as Received Basis*

## Sampling Details

**Date of Sampling** : 23.03.2025

**Environment Condition:** Temperature : 29.5° C, Humidity: 52%

**Sampling Method:** APHA 24<sup>th</sup> Edition 1060-B

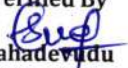
**Sample Location:** Pinnapuram Pond

**Sample Collected By:** CEL Representative

## TEST RESULT

S. No	TEST PARAMETERS	TEST METHOD	UNITS	RESULTS	CPCB Class C
1.	Coliforms	IS 1622:1981	MPN/100ml	70	5000

APHA - American Public Health Association IS - Indian Standard.

Verified By  
  
Sahadevudu  
(Sr. Microbiologist)

Authorized By  
  
Poonam Lata  
(Lab Incharge- Microbiology)

\*\*\*\*\*END OF THE REPORT\*\*\*\*\*

F/7.8/03

Issue No & Date: 03 & 01.09.2024

Amend No. & Date: 00 & 00



**TEST REPORT**

<b>Name and Address of the Client:</b> <b>M/S. Greenko AP01 IREP Private Limited,</b> 14-478/6, Sai Nagar, Panyam Village, Nandyal, Kurnool, Andhra Pradesh – 518112.		<b>ULR No</b> : TC1466025000000630F <b>Sample Registration</b> : 1769/03/25-015 <b>Test Report No</b> : CEL/W/1769/03/25-015 <b>Report Issued Date:</b> : 29.03.2025 <b>Your Reference</b> : Nil <b>Date of Receipt</b> : 25.03.2025	
<b>Group</b> : Water <b>Discipline</b> : Chemical <b>Sample Description</b> : Surface Water <b>Sample Quantity</b> : 1 Liter <b>Sample Packing</b> : Clean & Sterile Container		<b>Date of Registration</b>	25.03.2025
		<b>Date of Commencement of Testing</b>	25.03.2025
		<b>Date of Completion of Testing</b>	29.03.2025
		<b>Sample Condition of Receipt</b>	Found Ok
		<i>Sample Tested as Received Basis</i>	
<b>Sampling Details</b>			
<b>Date of Sampling</b> :23.03.2025		<b>Environment Condition:</b> Temperature :29.5 <sup>o</sup> C, Humidity: 52%	
<b>Sampling Method:</b> APHA 24 <sup>th</sup> Edition 1060-B		<b>Sample Location:</b> Gumitham Thanda Pond behind Greenko Stores	
<b>Sample Collected By:</b> CEL Representative			

**TEST RESULT**

S. No	TEST PARAMETERS	TEST METHOD	UNITS	RESULTS	CPCB Class C
1	pH @25.0°C	APHA 24 <sup>th</sup> Edition -4500-H <sup>+</sup> -B (2023)	--	8.10	6 - 9
2.	Electrical Conductivity	APHA 24 <sup>th</sup> Edition -2510-B (2023)	µs/cm	564	Not Specified
3.	Chemical Oxygen Demand	APHA 24 <sup>th</sup> Edition 5220 B (2023)	mg/L	40	--
4.	Bio Chemical Oxygen Demand (3 Days at 27°C)	IS 3025 (Part 44) 2023	mg/L	8.0	--
5.	Dissolved Oxygen	APHA 24 <sup>th</sup> Edition 4500 -O-C (2023)	mg/L	4.0	>4.0

APHA - American Public Health Association IS - Indian Standard.

Verified By  
  
T. Jyothirmai  
(Technical -Manager)



\*\*\*\*\*END OF THE REPORT\*\*\*\*\*

F/7.8/03

Issue No &amp; Date: 03 &amp; 01.09.2024

Amend No. &amp; Date: 00 &amp; 00

**TEST REPORT**

<b>Name and Address of the Client:</b> <b>M/S. Greenko AP01 IREP Private Limited,</b> 14-478/6, Sai Nagar, Panyam Village, Nandyal, Kurnool, Andhra Pradesh – 518112.		<b>Sample Registration</b> : 1769/03/25-015NS <b>Test Report No</b> : CEL/W/1769/03/25-015NS <b>Report Issued Date:</b> : 29.03.2025 <b>Your Reference</b> : Nil <b>Date of Receipt</b> : 25.03.2025
<b>Group</b> : Water <b>Discipline</b> : Biological <b>Sample Description</b> : Surface Water <b>Sample Quantity</b> : 1 Liter <b>Sample Packing</b> : Clean & Sterile Container	<b>Date of Registration</b> : 25.03.2025 <b>Date of Commencement of Testing</b> : 25.03.2025 <b>Date of Completion of Testing</b> : 29.03.2025 <b>Sample Condition of Receipt</b> : Found Ok <i>Sample Tested as Received Basis</i>	
<b>Sampling Details</b>		
<b>Date of Sampling</b> : 23.03.2025		<b>Environment Condition</b> : Temperature : 29.5° C, Humidity: 52%
<b>Sampling Method</b> : APHA 24 <sup>th</sup> Edition 1060-B		<b>Sample Location</b> : Gumitham Thanda Pond behind Greenko Stores
<b>Sample Collected By</b> : CEL Representative		

**TEST RESULT**

S. No	TEST PARAMETERS	TEST METHOD	UNITS	RESULTS	CPCB Class C
1.	Coliforms	IS 1622:1981	MPN/100ml	40	5000

APHA – American Public Health Association IS – Indian Standard.

Verified By  
  
Sahadevudu  
(Sr. Microbiologist)

Authorized By  
  
Poonam Lata  
(Lab Incharge- Microbiology)

\*\*\*\*\*END OF THE REPORT\*\*\*\*\*

F/7.8/03

Issue No &amp; Date: 03 &amp; 01.09.2024

Amend No. &amp; Date: 00 &amp; 00



**TEST REPORT**

<b>Name and Address of the Client:</b> <b>M/S. Greenko AP01 IREP Private Limited,</b> 14-478/6, Sai Nagar, Panyam Village, Nandyal, Kurnool, Andhra Pradesh – 518112.		<b>ULR No</b> : <b>TC1466025000000631F</b> <b>Sample Registration</b> : 1769/03/25-016 <b>Test Report No</b> : CEL/W/1769/03/25-016 <b>Report Issued Date:</b> : 29.03.2025 <b>Your Reference</b> : Nil <b>Date of Receipt</b> : 25.03.2025	
<b>Group</b> : Water <b>Discipline</b> : Chemical <b>Sample Description</b> : Surface Water <b>Sample Quantity</b> : 1 Liter <b>Sample Packing</b> : Clean & Sterile Container		<b>Date of Registration</b>	25.03.2025
		<b>Date of Commencement of Testing</b>	25.03.2025
		<b>Date of Completion of Testing</b>	29.03.2025
		<b>Sample Condition of Receipt</b>	Found Ok
		<i>Sample Tested as Received Basis</i>	
<b>Sampling Details</b>			
<b>Date of Sampling</b> :23.03.2025		<b>Environment Condition:</b> Temperature :29.5° C, Humidity: 52%	
<b>Sampling Method:</b> APHA 24 <sup>th</sup> Edition 1060-B		<b>Sample Location:</b> Pond at NH-PH road	
<b>Sample Collected By:</b> CEL Representative			

**TEST RESULT**

S. No	TEST PARAMETERS	TEST METHOD	UNITS	RESULTS	CPCB Class C
1	pH @25.0°C	APHA 24 <sup>th</sup> Edition -4500-H <sup>+</sup> -B (2023)	--	7.94	6 - 9
2.	Electrical Conductivity	APHA 24 <sup>th</sup> Edition -2510-B (2023)	µs/cm	856	Not Specified
3.	Chemical Oxygen Demand	APHA 24 <sup>th</sup> Edition 5220 B (2023)	mg/L	20	--
4.	Bio Chemical Oxygen Demand (3 Days at 27°C)	IS 3025 (Part 44) 2023	mg/L	5.0	--
5.	Dissolved Oxygen	APHA 24 <sup>th</sup> Edition 4500 -O-C (2023)	mg/L	5.1	>4.0

APHA - American Public Health Association IS - Indian Standard.

Verified By  
  
T. Jyothirmmai  
(Technical -Manager)


\*\*\*\*\*END OF THE REPORT\*\*\*\*\*

F/7.8/03

Issue No &amp; Date: 03 &amp; 01.09.2024

Amend No. &amp; Date: 00 &amp; 00

**TEST REPORT**
**Name and Address of the Client:**

M/S. Greenko AP01 IREP Private Limited,  
14-478/6, Sai Nagar, Panyam Village,  
Nandyal, Kurnool, Andhra Pradesh - 518112.

**Sample Registration** : 1769/03/25-016NS  
**Test Report No** : CEL/W/1769/03/25-016NS  
**Report Issued Date:** : 29.03.2025  
**Your Reference** : Nil  
**Date of Receipt** : 25.03.2025

**Group** : Water  
**Discipline** : Biological  
**Sample Description** : Surface Water  
**Sample Quantity** : 1 Liter  
**Sample Packing** : Clean & Sterile Container

**Date of Registration** : 25.03.2025  
**Date of Commencement of Testing** : 25.03.2025  
**Date of Completion of Testing** : 29.03.2025  
**Sample Condition of Receipt** : Found Ok

*Sample Tested as Received Basis*
**Sampling Details**
**Date of Sampling** : 23.03.2025

**Environment Condition:** Temperature : 29.5° C, Humidity: 52%

**Sampling Method:** APHA 24<sup>th</sup> Edition 1060-B

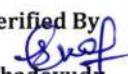
**Sample Location:** Pond at NH-PH road

**Sample Collected By:** CEL Representative

**TEST RESULT**

S. No	TEST PARAMETERS	TEST METHOD	UNITS	RESULTS	CPCB Class C
1.	Coliforms	IS 1622:1981	MPN/100ml	60	5000

**APHA** – American Public Health Association **IS** – Indian Standard.

Verified By  
  
Sahadevudu  
(Sr. Microbiologist)

Authorized By  
  
Poonam Lata  
(Lab Incharge- Microbiology)

\*\*\*\*\*END OF THE REPORT\*\*\*\*\*

F/7.8/03

Issue No &amp; Date: 03 &amp; 01.09.2024

Amend No. &amp; Date: 00 &amp; 00



**TEST REPORT**

<b>Name and Address of the Client:</b> <b>M/S. Greenko AP01 IREP Private Limited,</b> 14-478/6, Sai Nagar, Panyam Village, Nandyal, Kurnool, Andhra Pradesh – 518112.		<b>ULR No</b> : TC1466025000000632F <b>Sample Registration</b> : 1769/03/25-017 <b>Test Report No</b> : CEL/W/1769/03/25-017 <b>Report Issued Date:</b> : 29.03.2025 <b>Your Reference</b> : Nil <b>Date of Receipt</b> : 25.03.2025
<b>Group</b> : Water <b>Discipline</b> : Chemical <b>Sample Description</b> : Surface Water <b>Sample Quantity</b> : 1 Liter <b>Sample Packing</b> : Clean & Sterile Container	<b>Date of Registration</b> : 25.03.2025 <b>Date of Commencement of Testing</b> : 25.03.2025 <b>Date of Completion of Testing</b> : 29.03.2025 <b>Sample Condition of Receipt</b> : Found Ok	<i>Sample Tested as Received Basis</i>
<b>Sampling Details</b>		
<b>Date of Sampling</b> : 23.03.2025		<b>Environment Condition:</b> Temperature : 29.5° C, Humidity: 52%
<b>Sampling Method:</b> APHA 24 <sup>th</sup> Edition 1060-B		<b>Sample Location:</b> Lower Reservoir
<b>Sample Collected By:</b> CEL Representative		

**TEST RESULT**

S. No	TEST PARAMETERS	TEST METHOD	UNITS	RESULTS	CPCB Class C
1	pH @ 25.0°C	APHA 24 <sup>th</sup> Edition -4500-H <sup>+</sup> -B (2023)	--	7.82	6 – 9
2.	Electrical Conductivity	APHA 24 <sup>th</sup> Edition -2510-B (2023)	µs/cm	753	Not Specified
3.	Chemical Oxygen Demand	APHA 24 <sup>th</sup> Edition 5220 B (2023)	mg/L	60	--
4.	Bio Chemical Oxygen Demand (3 Days at 27°C)	IS 3025 (Part 44) 2023	mg/L	16	--
5.	Dissolved Oxygen	APHA 24 <sup>th</sup> Edition 4500 -O-C (2023)	mg/L	4.8	>4.0

APHA – American Public Health Association IS – Indian Standard.

Verified By  
  
**T. Jyothirmmai**  
(Technical -Manager)



\*\*\*\*\*END OF THE REPORT\*\*\*\*\*

F/7.8/03

Issue No &amp; Date: 03 &amp; 01.09.2024

Amend No. &amp; Date: 00 &amp; 00

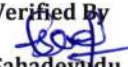
**TEST REPORT**

<b>Name and Address of the Client:</b> <b>M/S. Greenko AP01 IREP Private Limited,</b> 14-478/6, Sai Nagar, Panyam Village, Nandyal, Kurnool, Andhra Pradesh – 518112.		<b>Sample Registration</b> : 1769/03/25-017NS <b>Test Report No</b> : CEL/W/1769/03/25-017NS <b>Report Issued Date:</b> : 29.03.2025 <b>Your Reference</b> : Nil <b>Date of Receipt</b> : 25.03.2025
<b>Group</b> : Water <b>Discipline</b> : Biological <b>Sample Description</b> : Surface Water <b>Sample Quantity</b> : 1 Liter <b>Sample Packing</b> : Clean & Sterile Container	<b>Date of Registration</b> : 25.03.2025 <b>Date of Commencement of Testing</b> : 25.03.2025 <b>Date of Completion of Testing</b> : 29.03.2025 <b>Sample Condition of Receipt</b> : Found Ok <i>Sample Tested as Received Basis</i>	
<b>Sampling Details</b>		
<b>Date of Sampling</b> : 23.03.2025		<b>Environment Condition:</b> Temperature : 29.5° C, Humidity: 52%
<b>Sampling Method:</b> APHA 24 <sup>th</sup> Edition 1060-B		<b>Sample Location:</b> Lower Reservoir
<b>Sample Collected By:</b> CEL Representative		

**TEST RESULT**

S. No	TEST PARAMETERS	TEST METHOD	UNITS	RESULTS	CPCB Class C
1.	Coliforms	IS 1622:1981	MPN/100ml	30	5000

APHA – American Public Health Association IS – Indian Standard.

Verified By  
  
Sahadevudu  
(Sr. Microbiologist)

Authorized By  
  
Poonam Lata  
(Lab Incharge- Microbiology)

\*\*\*\*\*END OF THE REPORT\*\*\*\*\*

F/7.8/03

Issue No & Date: 03 & 01.09.2024

Amend No. & Date: 00 & 00



**TEST REPORT**
**Name and Address of the Client:**

M/S. Greenko AP01 IREP Private Limited,  
14-478/6, Sai Nagar, Panyam Village,  
Nandyal, Kurnool, Andhra Pradesh - 518112.

ULR No : TC1466025000000633F  
Sample Registration : 1769/03/25-014  
Test Report No : CEL/W/1769/03/25-014  
Report Issued Date: : 29.03.2025  
Your Reference : Nil  
Date of Receipt : 25.03.2025

Group : Water  
Discipline : Chemical  
Sample Description : Surface Water  
Sample Quantity : 1 Liter  
Sample Packing : Clean & Sterile Container

Date of Registration : 25.03.2025  
Date of Commencement of Testing : 25.03.2025  
Date of Completion of Testing : 29.03.2025  
Sample Condition of Receipt : Found Ok

Sample Tested as Received Basis

**Sampling Details**

Date of Sampling : 23.03.2025

Environment Condition: Temperature : 29.5° C, Humidity: 52%

Sampling Method: APHA 24<sup>th</sup> Edition 1060-B

Sample Location: Gorakallu Reservoir

Sample Collected By: CEL Representative

**TEST RESULT**

S. No	TEST PARAMETERS	TEST METHOD	UNITS	RESULTS	CPCB Class C
1	pH @ 25.0°C	APHA 24 <sup>th</sup> Edition -4500-H <sup>+</sup> -B (2023)	--	7.64	6 - 9
2.	Electrical Conductivity	APHA 24 <sup>th</sup> Edition -2510-B (2023)	µs/cm	1283	Not Specified
3.	Chemical Oxygen Demand	APHA 24 <sup>th</sup> Edition 5220 B (2023)	mg/L	120	--
4.	Bio Chemical Oxygen Demand (3 Days at 27°C)	IS 3025 (Part 44) 2023	mg/L	28	--
5.	Dissolved Oxygen	APHA 24 <sup>th</sup> Edition 4500 -O-C (2023)	mg/L	5.2	>4.0

APHA - American Public Health Association IS - Indian Standard.

Verified By

T. Jyothirmai  
(Technical - Manager)



\*\*\*\*\*END OF THE REPORT\*\*\*\*\*

F/7.8/03

Issue No & Date: 03 & 01.09.2024

Amend No. & Date: 00 & 00

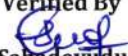
**TEST REPORT**

<b>Name and Address of the Client:</b> <b>M/S. Greenko AP01 IREP Private Limited,</b> 14-478/6, Sai Nagar, Panyam Village, Nandyal, Kurnool, Andhra Pradesh – 518112.		<b>Sample Registration</b> : 1769/03/25-018NS <b>Test Report No</b> : CEL/W/1769/03/25-018NS <b>Report Issued Date:</b> : 29.03.2025 <b>Your Reference</b> : Nil <b>Date of Receipt</b> : 25.03.2025
<b>Group</b> : Water <b>Discipline</b> : Biological <b>Sample Description</b> : Surface Water <b>Sample Quantity</b> : 1 Liter <b>Sample Packing</b> : Clean & Sterile Container	<b>Date of Registration</b> : 25.03.2025 <b>Date of Commencement of Testing</b> : 25.03.2025 <b>Date of Completion of Testing</b> : 29.03.2025 <b>Sample Condition of Receipt</b> : Found Ok <i>Sample Tested as Received Basis</i>	
<b>Sampling Details</b>		
<b>Date of Sampling</b> : 23.03.2025		<b>Environment Condition</b> : Temperature : 29.5° C, Humidity: 52%
<b>Sampling Method</b> : APHA 24 <sup>th</sup> Edition 1060-B		<b>Sample Location</b> : Gorakallu Reservoir
<b>Sample Collected By</b> : CEL Representative		

**TEST RESULT**

S. No	TEST PARAMETERS	TEST METHOD	UNITS	RESULTS	CPCB Class C
1.	Coliforms	IS 1622:1981	MPN/100ml	90	5000

APHA – American Public Health Association IS – Indian Standard.

Verified By  
  
Sahadevudu  
(Sr. Microbiologist)

Authorized By  
  
Poonam Lata  
(Lab Incharge- Microbiology)

\*\*\*\*\*END OF THE REPORT\*\*\*\*\*

F/7.8/03

Issue No &amp; Date: 03 &amp; 01.09.2024

Amend No. &amp; Date: 00 &amp; 00





**AR CLEAN  
ENVIRO LABS**

Water, Food & Environment Testing Laboratory

Recognized by MOEF & CC | Certified by ISO 9001:2015

# 8-85/1/F5, 1st floor, Plot No. 10 & 25  
Sainagar, Peerzadiguda, Medipally,  
Medchal Malkajgiri (Dist.),  
Hyderabad-500098, Telangana, India  
Ph : +91 8121165649 | 8801676472  
E-mail : cleanenvirolabs@gmail.com  
www.arcleanenvirolabs.com



TC- 14660

### TEST REPORT

<b>Issued to:</b>		<b>Issued Date:</b>	29.03.2025
<b>Name and Address of the Client:</b> <b>M/S. Greenko AP01 IREP Private Limited,</b> 14-478/6, Sai Nagar, Panyam Village, Nandyal, Kurnool, Andhra Pradesh - 518112.		Analysis Completed Date	24.03.2025
		Sample Registration Date	25.03.2025
		Sample Collection Date	23.03.2025
		<b>ULR NO</b>	<b>TC1466025000000634F</b>
Sample Description		Sample Registration No	1769/03/25-007
Sample Drawn By		Test Report No	CEL/N/1769/03/25-007
Noise Level Monitoring		Sample tested as Received Basis	
Representative of CEL			

### TEST RESULT

S. No	Monitoring Time	Unit	Kalva Village	Between NH-PH Road	Audit Office	Upper Reservoir Project Site	Lower Reservoir Project Site	Pinnapuram Village
1.	06.00	dB	42.3	42.5	53.7	50.2	54.4	41.1
2.	07.00		43.7	40.5	52.9	54.2	50.3	43.1
3.	08.00		47.8	50.2	58.6	58.3	53.4	46.3
4.	09.00		52.6	48	61	56.4	55	50.4
5.	10.00		50.1	46.9	56.7	60.1	57.2	45.6
6.	11.00		49.4	54.9	60.3	57.1	56.5	52.1
7.	12.00		46	51.9	59	65.2	60	53.9
8.	13.00		48.9	47.7	57.9	58.5	55.1	45.5
9.	14.00		54.2	49.9	55.5	61.9	60.8	45.8
10.	15.00		45.7	45.7	61.8	59.1	58.3	46.1
11.	16.00		46.8	49.4	59.2	55.9	60.1	47.1
12.	17.00		51.3	48.4	56	61.1	57	50.1
13.	18.00		47	54.4	57.8	56.6	61.2	49
14.	19.00		53.5	45	59.9	55.1	58	47.2
15.	20.00		45.3	49.7	61.1	63.5	57.7	48.8
16.	21.00		44.1	44.2	52.3	50.8	50.2	40.3
17.	22.00		41.8	42.1	51.7	54.5	50.7	43.5
18.	23.00		43	43.9	53.5	51.2	50.9	40.7
19.	24.00		38.2	38.7	47.5	51.5	48.6	36.8
20.	01.00		36.5	39.8	51.3	52.2	38.2	38.2
21.	02.00		37.9	36.6	50.4	50.4	37.5	39.7
22.	03.00		39.4	37.8	45.8	53.1	40.2	35.9
23.	04.00		35.6	37.9	45.6	50.3	38.4	36.4
24.	05.00		36.8	40	53.4	54.7	42.2	39.1

Note: Above tested results are well within the Limits as per CPCB Standards.

Name of the Location	Category	Leq Day dB(A)	Leq Night dB(A)	CPCB Standards	
				Day Time	Night Time
Kalva Village	Residential	47.68	38.20	55	45
Between NH-PH Road	Residential	47.73	39.24	55	45
Audit Office	Industrial	57.38	49.64	75	70
Upper Reservoir Project Site	Industrial	57.56	51.91	75	70
Lower Reservoir Project Site	Industrial	56.23	42.29	75	70
Pinnapuram Village	Residential	46.82	38.11	55	45

#### Calibration Details:

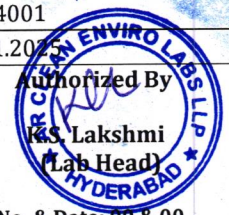
Equipment Details	Noise Level Meter	Make	SL - 4001
Model	Lutron	Calibration	27.11.2024

Verified By  
*[Signature]*  
T. Jyothirmmai  
(Technical -Manager)

F/7.8/03

\*\*\*\*\*END OF THE REPORT\*\*\*\*\*  
Issue No & Date: 03 & 01.09.2024

Amend No. & Date: 00 & 00



**AR CLEAN ENVIRO LABS LLP**

\*ISO 14001:2015\*

\*ISO 45001:2018\*

\*MSME\*



### TEST REPORT

<b>Issued to:</b>		<b>Issued Date:</b>	29.03.2025
<b>Name and Address of the Client:</b> <b>M/S. Greenko AP01 IREP Private Limited,</b> 14-478/6, Sai Nagar, Panyam Village, Nandyal, Kurnool, Andhra Pradesh - 518112.		Analysis Completed Date	24.03.2025
		Sample Registration Date	25.03.2025
		Sample Collection Date	23.03.2025
		<b>ULR NO</b>	<b>TC1466025000000634F</b>
		Sample Registration No	1769/03/25-008
Sample Description	<b>Noise Level Monitoring</b>	Test Report No	CEL/N/1769/03/25-008
Sample Drawn By	Representative of CEL	Sample tested as Received Basis	

### TEST RESULT

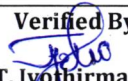
S. No	Monitoring Time	Units	Power house	Kalvabugga-NH-PH Road	Brahmanapally Bus Stop	Between Brahmanapally to Solar Road	Gorakallu village Anganwadi School	Contractors and Executive Site
1.	06.00	dB	59.2	44.7	40.9	43.6	42.8	41.7
2.	07.00		62.8	42	44.3	44.9	40.6	43.2
3.	08.00		71.6	53.4	49.6	47.8	48.7	51.1
4.	09.00		67.4	52.7	46.8	45.3	54	47.5
5.	10.00		58.2	51.5	50.8	49.3	47	53.1
6.	11.00		65.4	48.2	45.9	46.2	50.7	52.4
7.	12.00		64.6	49.8	47.3	48.6	46.5	45.2
8.	13.00		57.6	50	49.1	51.7	52.9	54.5
9.	14.00		62.8	46.6	53.7	47.9	51	48.1
10.	15.00		57.2	52.5	54.1	53.2	48.3	50.6
11.	16.00		64.8	46.4	45.4	53.6	52	51.3
12.	17.00		58.3	47.6	54.8	45.1	46.7	49.5
13.	18.00		63.7	50.9	53.5	52.3	51.2	48.5
14.	19.00		65.8	51.8	52.2	54.6	53.8	50.3
15.	20.00		70	46	51.6	54.2	50.5	52.6
16.	21.00		66.8	43.7	42.4	44.8	41.9	43.3
17.	22.00		67.2	44	41.2	43	44.1	42.7
18.	23.00		59.2	42.9	44.6	41.3	42.6	40.2
19.	24.00		60.4	39.5	37.3	39	38.4	36.5
20.	01.00		58.3	35.7	36	37.1	35.5	39.2
21.	02.00		54.4	38	35.8	37.5	38.5	36.2
22.	03.00		57.4	39.4	36.3	37	38.6	35.6
23.	04.00		52.8	39.6	37.6	35.4	35.3	38.8
24.	05.00		47.6	35.2	38.1	35.1	37.7	42.1

Note: Above tested results are well within the Limits as per CPCB Standards.

Name of the Location	Category	Leq Day dB(A)	Leq Night dB(A)	CPCB Standards	
				Day Time	Night Time
Power House	Residential	63.73	55.73	55	45
Kalvabugga -NH-PH Road	Residential	48.34	55.78	55	45
Brahmanapally Bus Stop	Industrial	48.45	37.96	75	70
Between Brahmanapally to Solar Road	Industrial	48.59	37.49	75	70
Gorakallu Village Anganwadi School	Industrial	48.39	38.09	75	70
Contractors and Executive Site	Residential	48.56	38.37	55	45

#### Calibration Details:

<b>Equipment Details</b>	Noise Level Meter	<b>Make</b>	SL - 4001
<b>Model</b>	Lutron	<b>Calibration</b>	27.11.2025

Verified By  
  
T. Jyothirmmai  
(Technical -Manager)

F/7.8/03

\*\*\*\*\*END OF THE REPORT\*\*\*\*\*  
Issue No & Date: 03 & 01.09.2024

Amend No. & Date: 00 & 00





**TEST REPORT**
**Name and Address of the Client:**
**M/S. Greenko Energies Private Limited**

Plot no-1366, Road No-45, Jubilee hills

Hyderabad – 500 033, Telangana.

**Site : Greenko AP01 IREP Private Limited**

Pinnapuram Village, Kurnool District,

Andhra Pradesh – 518 112

**Sample Registration** : 1523/01/25-001  
**Test Report No** : CEL/W/1523/01/25-001  
**Report Issued Date:** : 02.02.2025  
**Your Reference** : Nil  
**Date of Receipt** : 27.01.2025

**Group** : Pollution & Environment  
**Discipline** : Chemical  
**Sample Description** : Surface Water  
**Sample Quantity** : 1 Liters  
**Sample Packing** : Clean & Sterile Container

**Date of Registration** : 28.01.2025  
**Date of Commencement of Testing** : 28.01.2025  
**Date of Completion of Testing** : 02.02.2025  
**Sample Condition of Receipt** : Found Ok

*Sample Tested as Received Basis*
**Sampling Details**
**Date of Sampling** : 27.01.2025

**Sampling Method** : APHA 24<sup>th</sup> Edition 1060-B

**Sample Collected By:** CEL Representative Mr.Madhu

**Environment Condition:** Temperature :28.5° C, Humidity: 72%

**Sample Location:** Pinnapuram Pond

**TEST RESULT**

S. No	TEST PARAMETERS	TEST METHOD	UNITS	RESULTS	CPCB Class C
1	pH @25.0°C	IS 3025 (Part-11) 1983 :RA-2017	--	8.46	6 – 9
2.	Electrical Conductivity	APHA 2510 Method	µs/cm	1330	Not Specified
3.	Chemical Oxygen Demand	APHA 5220 B, 24th Edition 2023	mg/L	480	--
4.	Bio Chemical Oxygen Demand (5 Days at 20°C)	APHA 5210 B, 24th Edition 2023	mg/L	126	--
5.	Dissolved Oxygen	IS 3025 (Part-38) 1989	mg/L	4.6	>4.0
<b>MICROBIOLOGICAL ANALYSIS</b>					
6..	Coliforms	IS 1622:1981	MPN/100ml	50	5000

APHA – American Public Health Association IS – Indian Standard.

**Verified By**  
  
**T. Jyothirmai**  
(Technical -Manager)


\*\*\*\*\*END OF THE REPORT\*\*\*\*\*

**Disclaimer:**

- Sample(s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoice amount.
- Test Certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

**TEST REPORT**
**Name and Address of the Client:**
**M/S. Greenko Energies Private Limited**

Plot no-1366, Road No-45, Jubilee hills

Hyderabad - 500 033, Telangana.

**Site : Greenko AP01 IREP Private Limited**

Pinnapuram Village, Kurnool District,

Andhra Pradesh - 518 112

**Sample Registration** : 1523/01/25-002  
**Test Report No** : CEL/W/1523/01/25-002  
**Report Issued Date:** : 02.02.2025  
**Your Reference** : Nil  
**Date of Receipt** : 27.01.2025

**Group** : Pollution & Environment  
**Discipline** : Chemical  
**Sample Description** : Surface Water  
**Sample Quantity** : 1 Liters  
**Sample Packing** : Clean & Sterile Container

**Date of Registration** : 28.01.2025  
**Date of Commencement of Testing** : 28.01.2025  
**Date of Completion of Testing** : 02.02.2025  
**Sample Condition of Receipt** : Found Ok

*Sample Tested as Received Basis*
**Sampling Details**
**Date of Sampling** : 27.01.2025

**Environment Condition:** Temperature :28.5° C, Humidity: 72%

**Sampling Method** : APHA 24<sup>th</sup> Edition 1060-B

**Sample Location:** Gumitham Thanda Pond behind Greenko Stores

**Sample Collected By:** CEL Representative Mr.Madhu

**TEST RESULT**

S. No	TEST PARAMETERS	TEST METHOD	UNITS	RESULTS	CPCB Class C
1	pH @25.0°C	IS 3025 (Part-11) 1983 :RA-2017	--	8.48	6 - 9
2.	Electrical conductivity	APHA 2510 Method	µs/cm	237	Not Specified
3.	Chemical Oxygen Demand	APHA 5220 B, 24th Edition 2023	mg/L	20	--
4.	Bio Chemical Oxygen Demand (5 Days at 20°C)	APHA 5210 B, 24th Edition 2023	mg/L	5.0	--
5.	Dissolved Oxygen	IS 3025 (Part-38) 1989	mg/L	4.2	>4.0
<b>MICROBIOLOGICAL ANALYSIS</b>					
6..	Coliforms	IS 1622:1981	MPN/100ml	34	5000

**APHA** - American Public Health Association **IS** - Indian Standard.

**Verified By**  
  
**T. Jyothirmmai**  
**(Technical -Manager)**

**\*\*\*\*\*END OF THE REPORT\*\*\*\*\***
**Disclaimer:**

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- Total Liability of this Laboratory is limited to the Invoice amount.
- Test Certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

**TEST REPORT**

<b><u>Name and Address of the Client:</u></b> <b>M/S. Greenko Energies Private Limited</b> Plot no-1366, Road No-45, Jubilee hills Hyderabad – 500 033, Telangana. <b>Site : Greenko AP01 IREP Private Limited</b> Pinnapuram Village , Kurnool District , Andhra Pradesh – 518 112		<b>Sample Registration</b> : 1523/01/25-003 <b>Test Report No</b> : CEL/W/1523/01/25-003 <b>Report Issued Date:</b> : 02.02.2025 <b>Your Reference</b> : Nil <b>Date of Receipt</b> : 27.01.2025	
<b>Group</b> : Pollution & Environment <b>Discipline</b> : Chemical <b>Sample Description</b> : Surface Water <b>Sample Quantity</b> : 1 Liters <b>Sample Packing</b> : Clean & Sterile Container		<b>Date of Registration</b>	28.01.2025
		<b>Date of Commencement of Testing</b>	28.01.2025
		<b>Date of Completion of Testing</b>	02.02.2025
		<b>Sample Condition of Receipt</b>	Found Ok
		<i>Sample Tested as Received Basis</i>	
<b>Sampling Details</b>			
<b>Date of Sampling</b> : 27.01.2025		<b>Environment Condition:</b> Temperature :28.5 <sup>o</sup> C, Humidity: 72%	
<b>Sampling Method</b> : APHA 24 <sup>th</sup> Edition 1060-B		<b>Sample Location:</b> Pond at NH-PH road	
<b>Sample Collected By:</b> CEL Representative			

**TEST RESULT**

S. No	TEST PARAMETERS	TEST METHOD	UNITS	RESULTS	CPCB Class C
1	pH @25.0°C	IS 3025 (Part-11) 1983 :RA-2017	--	8.50	6 – 9
2.	Electrical Conductivity	APHA 2510 Method	µs/cm	562	Not Specified
3.	Chemical Oxygen Demand	APHA 5220 B, 24th Edition 2023	mg/L	30	--
4.	Bio Chemical Oxygen Demand (5 Days at 20°C)	APHA 5210 B, 24th Edition 2023	mg/L	9.0	--
5.	Dissolved Oxygen	IS 3025 (Part-38) 1989	mg/L	4.4	>4.0
<b>MICROBIOLOGICAL ANALYSIS</b>					
6.	Coliforms	IS 1622:1981	MPN/100ml	40	5000

APHA – American Public Health Association IS – Indian Standard.

Verified By  
  
**T. Jyothirmmai**  
(Technical -Manager)



\*\*\*\*\*END OF THE REPORT\*\*\*\*\*

**Disclaimer:**

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- Total Liability of this Laboratory is limited to the Invoice amount.
- Test Certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.



**TEST REPORT**
**Name and Address of the Client:**
**M/S. Greenko Energies Private Limited**

Plot no-1366, Road No-45, Jubilee hills

Hyderabad - 500 033, Telangana.

**Site : Greenko AP01 IREP Private Limited**

Pinnapuram Village, Kurnool District,

Andhra Pradesh - 518 112

**Sample Registration** : 1523/01/25-004  
**Test Report No** : CEL/W/1523/01/25-004  
**Report Issued Date:** : 02.02.2025  
**Your Reference** : Nil  
**Date of Receipt** : 27.01.2025

**Group** : Pollution & Environment  
**Discipline** : Chemical  
**Sample Description** : Surface Water  
**Sample Quantity** : 1 Liters  
**Sample Packing** : Clean & Sterile Container

**Date of Registration** : 28.01.2025

**Date of Commencement of Testing** : 28.01.2025

**Date of Completion of Testing** : 02.02.2025

**Sample Condition of Receipt** : Found Ok

*Sample Tested as Received Basis*
**Sampling Details**
**Date of Sampling** : 27.01.2025

**Environment Condition:** Temperature :28.5° C, Humidity: 72%

**Sampling Method** : APHA 24<sup>th</sup> Edition 1060-B

**Sample Location:** Lower Reservoir

**Sample Collected By:** CEL Representative

**TEST RESULT**

S. No	TEST PARAMETERS	TEST METHOD	UNITS	RESULTS	CPCB Class C
1	pH @25.0°C	IS 3025 (Part-11) 1983 :RA-2017	--	8.31	6 - 9
2.	Electrical Conductivity	APHA 2510 Method	µs/cm	605	Not Specified
3.	Chemical Oxygen Demand	APHA 5220 B, 24th Edition 2023	mg/L	40	--
4.	Bio Chemical Oxygen Demand (5 Days at 20°C)	APHA 5210 B, 24th Edition 2023	mg/L	8.0	--
5.	Dissolved Oxygen	IS 3025 (Part-38) 1989	mg/L	4.6	>4.0
<b>MICROBIOLOGICAL ANALYSIS</b>					
6.	Coliforms	IS 1622:1981	MPN/100ml	27	5000

**APHA** - American Public Health Association **IS** - Indian Standard.

Verified By  
  
**T. Jyothirmmai**  
 (Technical Manager)



\*\*\*\*\*END OF THE REPORT\*\*\*\*\*

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**TEST REPORT**

<b>Name and Address of the Client:</b> <b>M/S. Greenko Energies Private Limited</b> Plot no-1366, Road No-45, Jubilee hills Hyderabad - 500 033, Telangana. <b>Site : Greenko AP01 IREP Private Limited</b> Pinnapuram Village, Kurnool District, Andhra Pradesh - 518 112		<b>Sample Registration</b> : 1523/01/25-005 <b>Test Report No</b> : CEL/W/1523/01/25-005 <b>Report Issued Date:</b> : 02.02.2025 <b>Your Reference</b> : Nil <b>Date of Receipt</b> : 27.01.2025
<b>Group</b> : Pollution & Environment <b>Discipline</b> : Chemical <b>Sample Description</b> : Surface Water <b>Sample Quantity</b> : 1 Liters <b>Sample Packing</b> : Clean & Sterile Container	<b>Date of Registration</b> : 28.01.2025 <b>Date of Commencement of Testing</b> : 28.01.2025 <b>Date of Completion of Testing</b> : 02.02.2025 <b>Sample Condition of Receipt</b> : Found Ok <i>Sample Tested as Received Basis</i>	
<b>Sampling Details</b>		
<b>Date of Sampling</b> : 27.01.2025		<b>Environment Condition:</b> Temperature :28.5° C, Humidity: 72%
<b>Sampling Method</b> : APHA 24 <sup>th</sup> Edition 1060-B		<b>Sample Location:</b> Gorakallu Reservoir
<b>Sample Collected By:</b> CEL Representative		

**TEST RESULT**

S. No	TEST PARAMETERS	TEST METHOD	UNITS	RESULTS	CPCB Class C
1	pH @25.0°C	IS 3025 (Part-11) 1983 :RA-2017	--	7.98	6 - 9
2.	Electrical Conductivity	APHA 2510 Method	µs/cm	1246	Not Specified
3.	Chemical Oxygen Demand	APHA 5220 B, 24th Edition 2023	mg/L	80	--
4.	Bio Chemical Oxygen Demand (5 Days at 20°C)	APHA 5210 B, 24th Edition 2023	mg/L	22	--
5.	Dissolved Oxygen	IS 3025 (Part-38) 1989	mg/L	5.4	>4.0
<b>MICROBIOLOGICAL ANALYSIS</b>					
6..	Coliforms	IS 1622:1981	MPN/100ml	22	5000

APHA - American Public Health Association IS - Indian Standard.

Verified By  
  
**T. Jyothirmai**  
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