Your (Half Yearly Compliance Report) has been Submitted with following details	
Proposal No	IA/AP/RIV/85218/2018
Compliance ID	1010854578
Compliance Number(For Tracking)	EC/M/COMPLIANCE/1010854578/2025
Reporting Year	2025
Reporting Period	01 Dec(01 Apr - 30 Sep)
Submission Date	15-12-2025
RO/SRO Name	V Geroge Jenner
RO/SRO Email	tr025@ifs.nic.in
State	ANDHRA PRADESH
RO/SRO Office Address	Integrated Regional Offices, Vijayawada
Note:- SMS and E-Mail has been sent to V Geroge Jenner, ANDHRA PRADESH with Notification to Project Proponent.	

Greenko AP01 IREP Private Limited
CIN: U40200TG2020PTC139744

AP01 PSP/MoEF&CC-SMR/06122025 Date: **06.12.2025**

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 April 2025 – September 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 **April 2025 –September 2025 (01st December 2025)** as per the EIA notification of 2006.

Thanking You
Yours Sincerely
For **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 1st and 2nd 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 MOEFCC VIDE ORDER NO. J-12011/12/2018-IA-l (R) Dated: 14th July, 2020 & TRANFER OF ENVIRONMENTAL CLEARANCE (AMENDMENT) Dated: 13th February, 2023.

Period: Apr 2025 to Sep 2025

(1st Dec 2025)

By

GREENKO AP01 IREP PRIVATE LIMITED

(STANDALONE PUMPED STORAGE COMPONENT OF PINNAPURAM INTEGRATED RENEWABLE ENERGY PROJECT)

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

1. INTRODUCTION

The Pinnapuram Integrated Renewable Energy Project (IREP) has been conceptualized located at Pinnapuram village, Panyam Mandal, Nandyal District, Andhra Pradesh. The project has been designed as a comprehensive renewable energy project integrating solar, wind, and pumped storage facilities. The spatial co-location of these three components facilitates the pooling of power at a common pooling substation, which is further interconnected with the PGCIL/CTU substation at Orvakallu for transmission to 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 standalone Pumped Storage Project initially secured Consent for Establishment (CFE) for 1200 MW capacity through APPCB Order No. 310/APPCB/CFE/RO-KNL/HO/2020 dated 07 October 2020. Subsequently, a transfer amendment was approved via Order No. 310/APPCB/CTE/RO-KNL/HO/2019 dated 07 July 2023. Thereafter, Consent to Operate (CTO) for 1200 MW was accorded on 03 May 2025 under Consent Order No. 2806090/APPCB/KNL/KNL/CTO&HWA/HO/2025.During the detailed engineering and optimization phase, the installed capacity was revised to 1680 MW. In alignment with the reconfigured project design, a revised CFE was subsequently obtained through APPCB Order No. 310/APPCB/CFE/RO-KNL/HO/2025 dated 24 August 2025.

2. DETAILS OF THE PROJECT

Pinnapuram IRESP –Storage Project (1680 MW) is an Off-stream Closed Loop Pumped Storage Project, for which Environmental Clearance (EC) was recommended by the Expert Appraisal Committee (EAC) vide MoM Dated: 13/04/2025 Agenda ID: EC/AGENDA/EAC/834092/3/2025. The project envisages construction of upper and lower reservoir, water conductor system powerhouse and appurtenant facilities. One time water filling and recuperation of losses are sourced from Gorakallu reservoir, having a live storage capacity of 12.44 TMC.

The project involves construction of Rock Fill Embankment dam with PVC Geo Membrane Facing (GFRD) for very short reach for creation of Pinnapuram IRESP lower reservoir with average height of

12m to 14 m (maximum height has been increased from 33m to 38 m). The maximum height of Rock Fill Embankment dam with PVC Geo Membrane Facing (GFRD) at upper reservoir has been increased from 35m to 40 m because of minor shifting of reservoir during optimisation study at construction stage. The design of intake structure and number of penstocks has been changed from 6 nos. to 7 nos. (6 Nos. Independent Penstocks and 1 No of Independent Penstock bifurcated into 2) as per increased generation capacity.

A surface Powerhouse is located in between the U/R & L/R connected through WCS and shall be equipped with 08 vertical-axis reversible Francis type units composed each of a generator/motor and a pump/turbine having generating/pumping capacity of 240MW/257MW for six units and two units of 120MW/123MW respectively.

3. COMPLIANCE TO THE CONDITIONS OF ENVIRONMENTAL CLEARANCE

S. No.	EC Conditions	Status of Compliance
	EAC MOM Agenda ID: EC/AGENDA/EAC/834092/3/2025 Dated: 13/04/2025 **<u>Specific Conditions</u>**	
i	All the conditions mentioned in the EC letter dated 14.07.2020 and subsequent EC transfer dated 13.02.2023 shall remain unchanged	Noted, Agreed to comply.
ii	Stage-I Forest Clearance for 50.17 ha of additional forest land involved shall be submitted before grant of prior Environmental Clearance.	We are in the process of obtaining Stage 1 forest clearance for the proposed 50.17 ha additional land and the status is with state government purview for the further approval.
iii	As the total project cost has been increased, the Environmental Management Plan (EMP) budget shall be revised proportionally i.e @ 2.16% of current project cost, in each component of EMP. A time bound action plan for implementation of revised EMP shall be submitted to regional office, MoEF&CC	The EMP has been updated to reflect the revised budget and action plan, enclosed as **Annexure-1**.
	Part-A: Additional Conditions.	
i	Approval from Competent Authority for allocation of 1.2 TMC of water on a non-	We have obtained necessary approvals from State Govt. for the allocation of water from

S. No.	EC Conditions	Status of Compliance
	Consumptive basis from the Gorakallu Reservoir shall be obtained.	Gorakallu Reservoir vide Government orders G.O.MS. No:64 Dated: 02.12.2020.
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 price level change, the cost of EMP shall also be updated proportionately.	We are in the process of capacity enhancement, as recommended by the EAC (Agenda ID: EC/AGENDA/EAC/834092/3/2025, dated 13/04/2025). The revised EMP has been updated with a budget of Rs.17,532.16 lakhs with including earlier Rs.11839.55 lakhs.
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. 44.84 Crore is spent towards the community development initiatives. Further activity worth of Rs. 3.78 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	Noted and agreed.

S. No.	EC Conditions	Status of Compliance
	years from the date of issue of this letter for commissioning of the project.	
v	After 5 years of the commissioning of the project, a study shall be undertaken regarding impact of the project on the environmental and the downstream ecology. The study shall be undertaken by an independent agency, decided in consultation with the Ministry.	We commit to undertaking a study on the impact of the project on the environment and downstream ecology five 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.	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 R&R plan is not applicable.
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.	So far, 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

S. No.	EC Conditions	Status of Compliance
		installation, operation, and related trades.
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 was utilized for project-related activities. Upon completion of the project, the remaining 9% of residual muck was disposed of at designated storage sites, with adequate measures such as the construction of a retention wall and drains leading to the Tail Raise Channel(TRC) located near and behind the muck dumping site. These works were carried out under the purview of both the TRC and the muck storage area as part of control measures. Additionally, slope cutting and stabilization methods were implemented at the dumping site. Furthermore, plantation activities and seed ball sprinkling were also carried out at the muck dumping locations.  

S. No.	EC Conditions	Status of Compliance
		
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. 44.84 Crore is spent towards the community development initiatives like maintaining drinking water supply, providing health care facilities, etc. Further activity worth of Rs. 3.78 crores is being planned and under implementation.
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. CEA-SY-25-24/2-2020-PAC Division/33-71 dated 20.04.2024 and Memorandum of changes has been approved for 1680 MW with dated 29/03/2025. (Copy of the same is enclosed as **Annexure-2.)**
xvi	Any other clearance from any other	All requisite clearances from concerned

S. No.	EC Conditions	Status of Compliance
	organization/departments as applicable to the project shall be obtained.	organizations and departments applicable to the project obtained in compliance with prevailing regulations and guidelines.
	Part-B: (Standard EC Conditions for River Valley and Hydroelectric projects)	
(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 MOEFCC letter File No.8-32/2019-FC Dated: 24.05.21 & File No.8-32/2019-FC Dated: 24.05.2022 respectively. Currently, we are in the process of obtaining Stage 1 forest clearance for the proposed 50.17 ha additional land and the status is with state government purview for the further approval. (A Copy is enclosed as **Annexure-3**.)
(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 **Annexure-4**)
(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 Rs 2.34 crores was transferred via RTGS on 29.08.2023 towards implementation. Subsequently, a letter vide IREP-Pinnapuram/WLCP_Impl_02/250905 dated 25.09.2025 was submitted to the Divisional Forest Officer (DFO), Kurnool, for providing the implementation status of the Biodiversity and Wildlife Conservation & Management Plan. Enclosed the acknowledgement copy as **Annexure-5.**
(iv)	The project proponent shall obtain Consent to Establish/Operate under the	We have obtained Consent for Establishment (CFE) from APPCB via Order No.

S. No.	EC Conditions	Status of Compliance
	provisions of Air (Prevention & Control of Pollution) Act, 1981 and the water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.	310/APPCB/CFE/RO-KNL/HO/2020 dated 7th October 2020, followed by a Transfer Amendment approved under Order No. 310/APPCB/CTE/RO-KNL/HO/2019 dated 7th July 2023. Consent to Operate (CTO) was granted on 3rd May 2025 (Order No. 2806090/APPCB/KNL/KNL/CTO&HWA/HO/2025). CFE for enhanced capacity was obtained via Order No. 310/APPCB/CFE/RO-KNL/HO/2025 dated 24th August 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 **Annexure-6**)
(vi)	Necessary approval of CEA shall be obtained for those projects having the project cost more than Rs.1000 crores.	CEA Obtained Vide file no. CEA-SY-25-24/2-2020-PAC Division/33-71 dated 20.04.2024 and Memorandum of changes has been approved for 1680 MW with dated 29/03/2025. (Copy of the same is enclosed as **Annexure-2.)**
	II. Air quality monitoring and preservation	
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 **Annexure-7.**)
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	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
	comply prescribed standards.	
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. 
	III. Water quality monitoring and preservation	
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.
	IV. Noise monitoring and prevention	
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 (Regulation and Control) Rules, 2000, as amended in 2010 under	Being Complied. As stipulated necessary measures are being followed.

S. No.	EC Conditions	Status of Compliance
	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.
	V. Waste management	
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.	During the construction phase, 91% of the excavated muck was utilized for project-related activities. Upon completion of the project, the remaining 9% of residual muck was disposed of at designated storage sites, with adequate measures such as the construction of a retention wall and drains leading to the TRC located near and behind the muck dumping site. These works were carried out under the purview of both the TRC and the muck storage area as part of control measures. Additionally, slope cutting and stabilization methods were implemented at the dumping site. Furthermore, plantation activities and seed ball sprinkling were also carried out at the muck dumping locations. 

S. No.	EC Conditions	Status of Compliance
		  
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.
	VI. Green Belt and wildlife Management	
i	Wildlife Conservation Plan approved by the Chief Wildlife Warden shall be implemented in consultation with the local State Forest Department.	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 Rs 2.34 crores was transferred via RTGS on 29.08.2023 towards implementation. Subsequently, a letter vide IREP-Pinnapuram/WLCP_Impl_02/250905 dated 25.09.2025 was submitted to the Divisional Forest Officer (DFO), Kurnool, for providing the implementation status of the Biodiversity and Wildlife Conservation & Management Plan. Enclosed the acknowledgement copy as

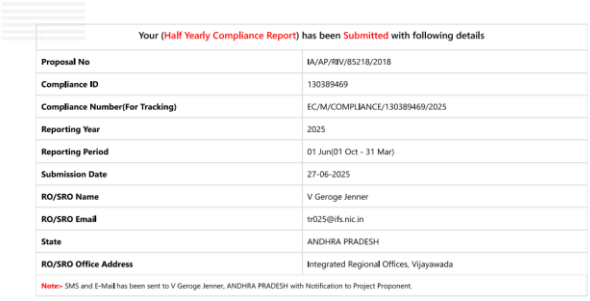
S. No.	EC Conditions	Status of Compliance
		Annexure-5.
ii	To enrich the habitat of the project site, plantation shall be raised as envisaged in the EIA/EMP report. Plantation to be developed along the periphery of the reservoir in multi-layers with local indigenous species in consultation with the local 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 conditions and Environmental Clearance (EC) requirements, plantation activities were planned along the Project Road and other vacant areas. So far, 15,000 saplings have been targeted, out of which 5,000 have already been planted. Additionally, in the past, one lakh saplings were planted in the nearby solar park development area. Replantation efforts have also been undertaken within the project site, camp area, and the Rollapadu Wildlife Sanctuary. Till now, around 350 plants have been replanted, achieving a survival rate of approximately 90%. 

S. No.	EC Conditions	Status of Compliance
		   
iii	Compensatory afforestation programme shall be implemented as per the plan approved.	Implementation of the afforestation programme shall be undertaken by the State Forest Department. Subsequently, a letter vide IREP-Pinnapuram/NLR CA Lands-02/2025 dated 25/09/2025 was submitted to the Divisional Forest Officer (DFO), Kurnool and Nellore, for providing the implementation status of the Compensatory Afforestation Programme in accordance with the approved plan. Enclosed the acknowledgement copy as **Annexure-8.**
	VII. Public hearing and Human health issues	
i	Resettlement & Rehabilitation plan be	Land acquired for the project is well within

S. No.	EC Conditions	Status of Compliance
	implemented in consultation with the State Govt. as approved by the State Govt, if any.	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 R&R plan is not applicable.
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 **Annexure-9**.
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 prescribed, preventive measures for mosquito control are being implemented, and sanitation works are currently underway. These activities will continue as part of our ongoing compliance efforts. Photo evidence enclosed in **Annexure-10**.
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 housing may be in the form of temporary structures to be removed after the completion of the project.	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.
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	Emergency preparedness response plan prepared and approved by the management.

S. No.	EC Conditions	Status of Compliance
	and shall be implemented as per the Disaster Management Plan	enclosed copy as **Annexure-11.**
	VIII. Corporate Environment Responsibility	
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 **Annexure-9.**
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 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.	The company has established a comprehensive policy known as the Greenko Integrated 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 **Annexure-12.**
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	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

S. No.	EC Conditions	Status of Compliance
	Executive, who will directly report to the head of the organization.	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 wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.	Noted. As stipulated, an action plan for implementing the EMP and ensuring compliance with environmental conditions has been documented. The project has been recommended by the EAC for a capacity enhancement from 1200 MW to 1680 MW, and accordingly, the EMP has been updated with the revised budget and action plan, enclosed as **Annexure-1**. In line with the guidelines, funds have been earmarked for environmental protection measures, including CER. So far, approximately Rs 120.90 crore has been expended.
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 https://greenkogroup.com. Enclosed a copy as **Annexure-13.**
	IX. Miscellaneous	
i	The project proponent shall make public the environmental clearance granted	Complied. An abstract of the Environmental Clearance was published in two widely

S. No.	EC Conditions	Status of Compliance
	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 proponent's website permanently.	circulated daily newspapers: one in the vernacular language, Telugu, in **Sakshi** on 01.09.2020 (main edition), and one in English, **The New Indian Express**, on 01.09.2020 (main edition). The same was updated on the company website. A copy of the abstract is enclosed as **Annexure-14**.
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 **Annexure-15**.)
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 (https://greenkogroup.com).
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.	Compliance reports are submitting to the regional Office of the Ministry every six monthly and last report was submitted on 27.06.2025.  Your (Half Yearly Compliance Report) has been Submitted with following details Proposal No: IA/AP/RIV/B5218/2018 Compliance ID: 130389469 Compliance Number(For Tracking): EC/M/COMPLIANCE/130389469/2025 Reporting Year: 2025 Reporting Period: 01 Jun(01 Oct - 31 Mar) Submission Date: 27-06-2025 RO/SRO Name: V Geroge Jenner RO/SRO Email: tr025@ifs.nic.in State: ANDHRA PRADESH RO/SRO Office Address: Integrated Regional Offices, Vijayawada Note:- 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	Environmental Statement Form-V has prepared and submitted to RO PCB.

S. No.	EC Conditions	Status of Compliance
	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.	
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.	Financial closure for the project has been approved and the closure statement enclosed as **Annexure-16.**
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 during their presentation to the Expert Appraisal Committee. Status of public hearing commitments enclosed as **Annexure-17.**
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	Noted.

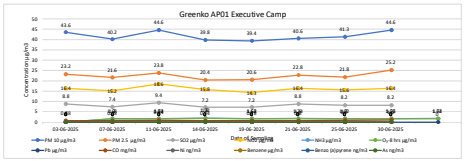
S. No.	EC Conditions	Status of Compliance
	clearance, if implementation of any of the above conditions is not satisfactory.	
xii	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	We hereby assure 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 of the National Green Tribunal Act, 2010.	Noted.

ANNEXURES

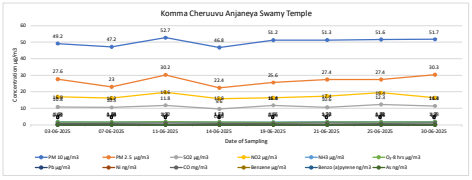
Annexure no.	Annexure
1	EMP Budget Plan 1680 MW
2	CEA approval
3	Forest clearance copy
4	Map showing distance of ESZ Boundary
5	Acknowledgment of the letter regarding the implementation status of WLCP
6	CWC approval
7	Environmental monitoring reports
8	Acknowledgment of the letter regarding the implementation status of Compensatory Afforestation Plan
9	Status report on CSER activity at Pinnapuram IRESP
10	Followed good practices and preventive measures
11	ERDMP report
12	ESMS policy
13	MOEF&CC Acknowledgment letter addressing to constitute MDC committee
14	Copy of the paper advertisement
15	Letter submitted to Local bodies to display EC copy
16	Project Financial closures
17	Status of public hearing commitments.

Air Quality Monitoring Trend Analysis For Season 1 (FY 2025-26) June

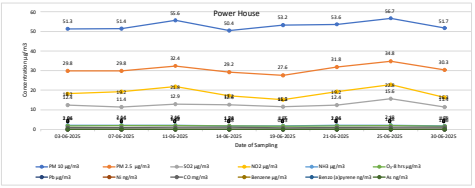
Sample Location		Greenko AP01 Executive Camp											
S.No	Date of Sampling	PM_{10}	$PM_{2.5}$	SO_2	NO_2	NH3	O_3-8 hrs	Pb	Ni	CO	Benzene	Benzo (a)pyrene	As
		µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	ng/m³	mg/m³	µg/m³	ng/m³	ng/m³
1st Week	03-06-2025	43.6	23.2	8.8	16.4	1.7	1.68	<0.1	<0.1	0.78	<0.1	<0.1	<0.1
	07-06-2025	40.2	21.6	7.4	15.2	1.72	1.64	<0.1	<0.1	0.78	<0.1	<0.1	<0.1
2nd Week	11-06-2025	44.6	23.8	9.4	18.6	1.92	1.8	<0.1	<0.1	0.94	<0.1	<0.1	<0.1
	14-06-2025	39.8	20.4	7.2	15.8	1.68	1.62	<0.1	<0.1	0.74	<0.1	<0.1	<0.1
3rd Week	19-06-2025	39.4	20.6	7.2	14.3	1.74	1.6	<0.1	<0.1	0.78	<0.1	<0.1	<0.1
	21-06-2025	40.6	22.8	8.8	16.4	1.7	1.62	<0.1	<0.1	0.8	<0.1	<0.1	<0.1
4th Week	25-06-2025	41.3	21.8	8.2	15.6	1.72	1.66	<0.1	<0.1	0.9	<0.1	<0.1	<0.1
	30-06-2025	44.6	25.2	8.2	16.4	1.74	1.62	<0.1	<0.1	1.1	<0.1	<0.1	<0.1



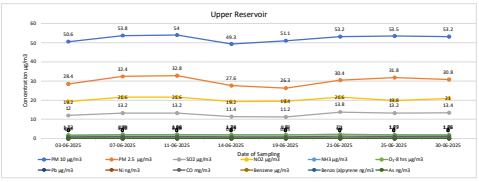
Sample Location		Komma Cheruvu Anjanaya Swamy Temple											
S.No	Date of Sampling	PM_{10}	$PM_{2.5}$	SO_2	NO_2	NH3	O_3-8 hrs	Pb	Ni	CO	Benzene	Benzo (a)pyrene	As
		µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	ng/m³	mg/m³	µg/m³	ng/m³	ng/m³
1st Week	03-06-2025	49.2	27.6	10.8	16.9	1.8	1.64	<0.1	<0.1	0.92	<0.1	<0.1	<0.1
	07-06-2025	47.2	23	10.5	16.2	1.74	1.68	<0.1	<0.1	0.89	<0.1	<0.1	<0.1
2nd Week	11-06-2025	52.7	30.2	11.8	19.6	1.92	1.8	<0.1	<0.1	1.1	<0.1	<0.1	<0.1
	14-06-2025	46.8	22.4	9.6	15.8	1.74	1.62	<0.1	<0.1	0.86	<0.1	<0.1	<0.1
3rd Week	19-06-2025	51.2	25.6	11.8	16.4	1.6	1.56	<0.1	<0.1	0.95	<0.1	<0.1	<0.1
	21-06-2025	51.3	27.4	10.6	17.4	1.92	1.78	<0.1	<0.1	1.1	<0.1	<0.1	<0.1
4th Week	25-06-2025	51.6	27.4	12.3	19.4	1.88	1.73	<0.1	<0.1	0.96	<0.1	<0.1	<0.1
	30-06-2025	51.7	30.3	11.4	16.3	1.88	1.7	<0.1	<0.1	1.1	<0.1	<0.1	<0.1



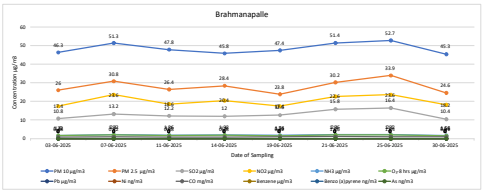
Sample Location		Power House											
S.No	Date of Sampling	PM_{10}	$PM_{2.5}$	SO_2	NO_2	NH3	O_3-8 hrs	Pb	Ni	CO	Benzene	Benzo (a)pyrene	As
		µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	ng/m³	mg/m³	µg/m³	ng/m³	ng/m³
1st Week	03-06-2025	51.3	29.8	12.4	18.2	2.04	1.86	<0.1	<0.1	1	<0.1	<0.1	<0.1
	07-06-2025	51.4	29.8	11.4	19.2	2.14	1.96	<0.1	<0.1	1	<0.1	<0.1	<0.1
2nd Week	11-06-2025	55.6	32.4	12.9	21.8	2.16	1.98	<0.1	<0.1	1.12	<0.1	<0.1	<0.1
	14-06-2025	50.4	29.2	12.6	17.2	1.88	1.74	<0.1	<0.1	1.08	<0.1	<0.1	<0.1
3rd Week	19-06-2025	53.2	27.6	11.5	15.2	1.86	1.7	<0.1	<0.1	0.83	<0.1	<0.1	<0.1
	21-06-2025	53.6	31.8	12.4	19.2	2.04	1.86	<0.1	<0.1	1	<0.1	<0.1	<0.1
4th Week	25-06-2025	56.7	34.8	15.6	22.8	2.18	2	<0.1	<0.1	1.18	<0.1	<0.1	<0.1
	30-06-2025	51.7	30.3	11.4	16.3	1.88	1.7	<0.1	<0.1	1.06	<0.1	<0.1	<0.1



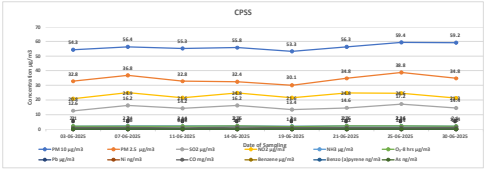
Sample Location		Upper Reservoir											
S.No	Date of Sampling	PM_{10}	$PM_{2.5}$	SO_2	NO_2	NH3	O_3-8 hrs	Pb	Ni	CO	Benzene	Benzo (a)pyrene	As
		µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	ng/m³	mg/m³	µg/m³	ng/m³	ng/m³
1st Week	03-06-2025	50.6	28.4	12	19.2	1.54	1.72	<0.1	<0.1	0.9	<0.1	<0.1	<0.1
	07-06-2025	53.8	32.4	13.2	21.6	1.98	1.9	<0.1	<0.1	1.02	<0.1	<0.1	<0.1
2nd Week	11-06-2025	54	32.8	13.2	21.6	1.98	1.86	<0.1	<0.1	0.98	<0.1	<0.1	<0.1
	14-06-2025	49.3	27.6	11.4	19.2	1.84	1.78	<0.1	<0.1	0.87	<0.1	<0.1	<0.1
3rd Week	19-06-2025	51.1	26.3	11.2	19.4	1.9	1.82	<0.1	<0.1	0.85	<0.1	<0.1	<0.1
	21-06-2025	53.2	30.4	13.8	21.6	2.1	2	<0.1	<0.1	1.1	<0.1	<0.1	<0.1
4th Week	25-06-2025	53.5	31.8	13.2	19.8	1.87	1.79	<0.1	<0.1	1	<0.1	<0.1	<0.1
	30-06-2025	53.2	30.8	13.4	21	1.88	1.76	<0.1	<0.1	1	<0.1	<0.1	<0.1



Sample Location		Brahmanapalle											
S.No	Date of Sampling	PM_{10}	$PM_{2.5}$	SO_2	NO_2	NH3	O_3-8 hrs	Pb	Ni	CO	Benzene	Benzo (a)pyrene	As
		µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	ng/m³	mg/m³	µg/m³	ng/m³	ng/m³
1st Week	03-06-2025	46.3	26	10.8	17.4	1.6	1.72	<0.1	<0.1	0.88	<0.1	<0.1	<0.1
	07-06-2025	51.3	30.8	13.2	23.6	2.1	1.92	<0.1	<0.1	0.92	<0.1	<0.1	<0.1
2nd Week	11-06-2025	47.8	26.4	12.2	18.6	1.86	1.7	<0.1	<0.1	0.88	<0.1	<0.1	<0.1
	14-06-2025	45.8	28.4	12	20.4	1.92	1.8	<0.1	<0.1	0.78	<0.1	<0.1	<0.1
3rd Week	19-06-2025	47.4	23.8	12.6	17.4	1.76	1.54	<0.1	<0.1	0.92	<0.1	<0.1	<0.1
	21-06-2025	51.4	30.2	15.8	22.6	2.1	1.96	<0.1	<0.1	1.06	<0.1	<0.1	<0.1
4th Week	25-06-2025	52.7	33.9	16.4	23.6	2.1	1.92	<0.1	<0.1	1.04	<0.1	<0.1	<0.1
	30-06-2025	45.3	24.6	10.4	18.2	1.68	1.56	<0.1	<0.1	0.91	<0.1	<0.1	<0.1

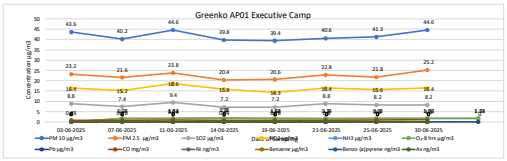


Sample Location		CPSS											
S.No	Date of Sampling	PM_{10}	$PM_{2.5}$	SO_2	NO_2	NH3	O_3-8 hrs	Pb	Ni	CO	Benzene	Benzo (a)pyrene	As
		µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	ng/m³	mg/m³	µg/m³	ng/m³	ng/m³
1st Week	03-06-2025	54.3	32.8	12.6	20.8	2.1	2	<0.1	<0.1	1	<0.1	<0.1	<0.1
	07-06-2025	56.4	36.8	16.2	24.9	2.24	2	<0.1	<0.1	1.06	<0.1	<0.1	<0.1
2nd Week	11-06-2025	55.3	32.8	14.2	21.6	2.14	1.92	<0.1	<0.1	0.98	<0.1	<0.1	<0.1
	14-06-2025	55.8	32.4	16.2	24.8	2.26	2.2	<0.1	<0.1	1.3	<0.1	<0.1	<0.1
3rd Week	19-06-2025	53.3	30.1	13.4	21.6	2	1.88	<0.1	<0.1	1	<0.1	<0.1	<0.1
	21-06-2025	56.3	34.8	14.6	24.8	2.26	2.2	<0.1	<0.1	1.12	<0.1	<0.1	<0.1
4th Week	25-06-2025	59.4	38.8	17.2	24.6	2.26	2.14	<0.1	<0.1	1.24	<0.1	<0.1	<0.1
	30-06-2025	59.2	34.8	14.4	21.3	2.1	1.94	<0.1	<0.1	1.1	<0.1	<0.1	<0.1

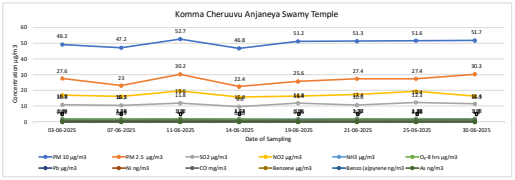


Air Quality Monitoring Trend Analysis For Season 1 (FY 2025-26) JULY

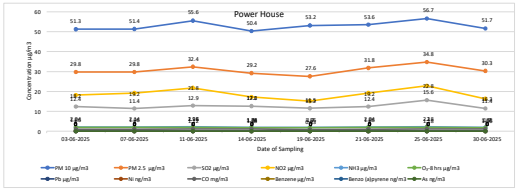
Sample Location		Greenko AP01 Executive Camp											
S.No	Date of Sampling	PM_{10}	$PM_{2.5}$	SO_2	NO_2	NH3	O_3-8 hrs	Pb	Ni	CO	Benzene	Benzo (a)pyrene	As
		µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	ng/m³	mg/m³	µg/m³	ng/m³	ng/m³
1st Week	02-07-2025	44.6	21.8	9.2	15.6	1.58	1.4	<0.1	<0.1	0.6	<0.1	<0.1	<0.1
	09-07-2025	43.9	22.4	8.6	14.8	1.7	1.58	<0.1	<0.1	0.8	<0.1	<0.1	<0.1
2nd Week	11-07-2025	45.1	19.2	9	16.8	1.7	1.56	<0.1	<0.1	0.82	<0.1	<0.1	<0.1
	16-07-2025	40.2	19.4	8.8	14.6	1.62	1.48	<0.1	<0.1	0.68	<0.1	<0.1	<0.1
3rd Week	19-07-2025	42.2	19.5	9	14.6	1.62	1.49	<0.1	<0.1	0.84	<0.1	<0.1	<0.1
	23-07-2025	39.6	18.2	7.4	13.6	1.62	1.54	<0.1	<0.1	0.8	<0.1	<0.1	<0.1
4th Week	26-07-2025	45.4	20.6	9	15.2	1.7	1.56	<0.1	<0.1	0.9	<0.1	<0.1	<0.1
	28-07-2025	40.9	19.4	7.8	15	1.78	1.62	<0.1	<0.1	0.83	<0.1	<0.1	<0.1



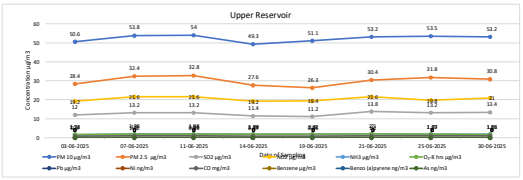
Sample Location		Komma Cheruvu Anjanaya Swamy Temple											
S.No	Date of Sampling	PM_{10}	$PM_{2.5}$	SO_2	NO_2	NH3	O_3-8 hrs	Pb	Ni	CO	Benzene	Benzo (a)pyrene	As
		µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	ng/m³	mg/m³	µg/m³	ng/m³	ng/m³
1st Week	02-07-2025	47.5	21.8	10.2	15.6	1.72	1.5	<0.1	<0.1	0.84	<0.1	<0.1	<0.1
	09-07-2025	46.7	23.6	11.4	19.8	1.8	1.72	<0.1	<0.1	0.87	<0.1	<0.1	<0.1
2nd Week	11-07-2025	49.8	27.6	10.2	18.4	1.86	1.6	<0.1	<0.1	1	<0.1	<0.1	<0.1
	16-07-2025	44.2	`19.8	7.8	13.6	1.58	1.46	<0.1	<0.1	0.74	<0.1	<0.1	<0.1
3rd Week	19-07-2025	52.9	25.7	11.5	16.8	1.9	1.82	<0.1	<0.1	1	<0.1	<0.1	<0.1
	23-07-2025	50.4	23.8	10.6	18.4	1.92	1.79	<0.1	<0.1	0.88	<0.1	<0.1	<0.1
4th Week	26-07-2025	48.4	21.6	10.8	15.6	1.66	1.52	<0.1	<0.1	0.96	<0.1	<0.1	<0.1
	28-07-2025	49.6	23.8	12.6	18.2	1.72	1.68	<0.1	<0.1	0.99	<0.1	<0.1	<0.1



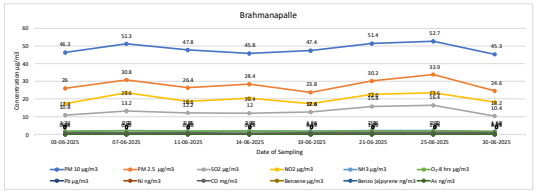
Sample Location		Power House											
S.No	Date of Sampling	PM_{10}	$PM_{2.5}$	SO_2	NO_2	NH3	O_3-8 hrs	Pb	Ni	CO	Benzene	Benzo (a)pyrene	As
		µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	ng/m³	mg/m³	µg/m³	ng/m³	ng/m³
1st Week	02-07-2025	50.6	23.4	13.4	20.8	2	1.76	<0.1	<0.1	0.94	<0.1	<0.1	<0.1
	09-07-2025	54.8	28.6	12.8	20.4	2.1	1.9	<0.1	<0.1	0.96	<0.1	<0.1	<0.1
2nd Week	11-07-2025	36.4	32.8	13.6	20.4	2.1	1.9	<0.1	<0.1	1.1	<0.1	<0.1	<0.1
	16-07-2025	51.6	27.4	13.2	19.6	1.92	1.8	<0.1	<0.1	1	<0.1	<0.1	<0.1
3rd Week	19-07-2025	54.1	30.6	13.2	20.8	2.08	1.92	<0.1	<0.1	0.98	<0.1	<0.1	<0.1
	23-07-2025	51.6	29.4	13.2	20.8	2.1	1.92	<0.1	<0.1	1	<0.1	<0.1	<0.1
4th Week	26-07-2025	50.4	29.2	11.8	17.2	1.86	1.62	<0.1	<0.1	1	<0.1	<0.1	<0.1
	28-07-2025	54.6	25.7	13.6	18.3	1.96	1.84	<0.1	<0.1	0.93	<0.1	<0.1	<0.1



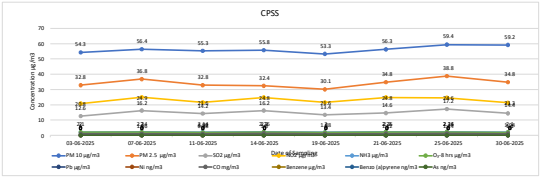
Sample Location		Upper Reservoir											
S.No	Date of Sampling	PM_{10}	$PM_{2.5}$	SO_2	NO_2	NH3	O_3-8 hrs	Pb	Ni	CO	Benzene	Benzo (a)pyrene	As
		µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	ng/m³	mg/m³	µg/m³	ng/m³	ng/m³
1st Week	02-07-2025	51.4	26.8	12.4	18.6	1.58	1.43	<0.1	<0.1	0.83	<0.1	<0.1	<0.1
	09-07-2025	54.2	30.6	14.8	20.6	1.89	1.74	<0.1	<0.1	1	<0.1	<0.1	<0.1
2nd Week	11-07-2025	52.9	30.4	12.6	20.8	1.82	1.7	<0.1	<0.1	0.92	<0.1	<0.1	<0.1
	16-07-2025	50.2	24.3	10.9	18.3	1.74	1.78	<0.1	<0.1	0.82	<0.1	<0.1	<0.1
3rd Week	19-07-2025	52.4	28.8	13.2	21	2	1.86	<0.1	<0.1	1	<0.1	<0.1	<0.1
	23-07-2025	51	30.2	12.9	18.5	1.9	1.81	<0.1	<0.1	1.04	<0.1	<0.1	<0.1
4th Week	26-07-2025	51.6	28.4	12.9	19.4	1.82	1.64	<0.1	<0.1	0.98	<0.1	<0.1	<0.1
	28-07-2025	52.6	24.8	12.9	20.4	1.99	1.84	<0.1	<0.1	0.92	<0.1	<0.1	<0.1



Sample Location		Brahmanapalle											
S.No	Date of Sampling	PM_{10}	$PM_{2.5}$	SO_2	NO_2	NH3	O_3-8 hrs	Pb	Ni	CO	Benzene	Benzo (a)pyrene	As
		µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	ng/m³	mg/m³	µg/m³	ng/m³	ng/m³
1st Week	02-07-2025	45.4	23.6	9.4	15.8	1.67	1.58	<0.1	<0.1	0.84	<0.1	<0.1	<0.1
	09-07-2025	51.8	28.8	13.6	21.4	1.98	1.8	<0.1	<0.1	0.94	<0.1	<0.1	<0.1
2nd Week	11-07-2025	49.4	25.8	11.6	17.8	1.72	1.59	<0.1	<0.1	0.78	<0.1	<0.1	<0.1
	16-07-2025	47.2	26.7	13.8	21.6	1.98	1.84	<0.1	<0.1	0.9	<0.1	<0.1	<0.1
3rd Week	19-07-2025	52.3	29.6	13.8	21.4	1.98	1.8	<0.1	<0.1	1.02	<0.1	<0.1	<0.1
	23-07-2025	53.2	30.8	14.2	21.8	1.99	1.87	<0.1	<0.1	1.1	<0.1	<0.1	<0.1
4th Week	26-07-2025	47.3	22.8	10.2	17.4	1.72	1.63	<0.1	<0.1	0.98	<0.1	<0.1	<0.1
	28-07-2025	49.4	24.8	13.2	13.6	1.92	1.68	<0.1	<0.1	0.98	<0.1	<0.1	<0.1

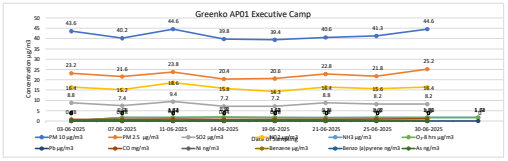


Sample Location		CPSS											
S.No	Date of Sampling	PM_{10}	$PM_{2.5}$	SO_2	NO_2	NH3	O_3-8 hrs	Pb	Ni	CO	Benzene	Benzo (a)pyrene	As
		µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	ng/m³	mg/m³	µg/m³	ng/m³	ng/m³
1st Week	02-07-2025	52.8	28.6	11.4	19.6	2	1.84	<0.1	<0.1	1.02	<0.1	<0.1	<0.1
	09-07-2025	54.7	31.6	15.2	23.8	2.1	1.94	<0.1	<0.1	1	<0.1	<0.1	<0.1
2nd Week	11-07-2025	57.2	34.8	15.8	22.6	2.1	1.96	<0.1	<0.1	1	<0.1	<0.1	<0.1
	16-07-2025	57.4	32.8	15.8	23.9	2.2	2	<0.1	<0.1	1.1	<0.1	<0.1	<0.1
3rd Week	19-07-2025	53.4	30.8	13.6	21.8	2.1	1.97	<0.1	<0.1	1.1	<0.1	<0.1	<0.1
	23-07-2025	58.4	36.2	16.4	21.8	2.2	1.89	<0.1	<0.1	1.14	<0.1	<0.1	<0.1
4th Week	26-07-2025	57.6	31.9	15.8	23.6	2.14	2	<0.1	<0.1	1.12	<0.1	<0.1	<0.1
	28-07-2025	54.8	32.6	12.8	23.6	2.1	1.96	<0.1	<0.1	1.1	<0.1	<0.1	<0.1

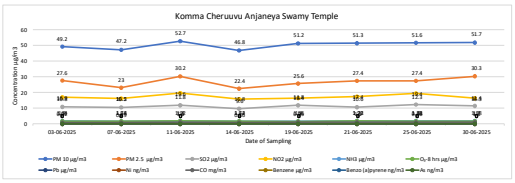


Air Quality Monitoring Trend Analysis For Season 1 (FY 2025-26) August

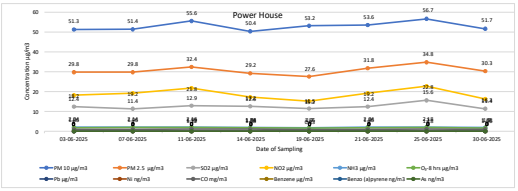
Sample Location		Greenko AP01 Executive Camp											
S.No	Date of Sampling	PM_{10}	$PM_{2.5}$	SO_2	NO_2	NH3	O_3-8 hrs	Pb	Ni	CO	Benzene	Benzo (a)pyrene	As
		µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	ng/m³	mg/m³	µg/m³	ng/m³	ng/m³
1st Week	02-08-2025	47.2	22.6	10.4	18.2	1.64	1.52	<0.1	<0.1	0.63	<0.1	<0.1	<0.1
	06-08-2025	45.2	20.6	8.2	13.2	1.64	1.5	<0.1	<0.1	0.76	<0.1	<0.1	<0.1
2nd Week	10-08-2025	48.2	21.8	10.6	17.2	1.78	1.6	<0.1	<0.1	0.88	<0.1	<0.1	<0.1
	13-08-2025	43.6	16.2	8	13.2	1.6	1.46	<0.1	<0.1	0.62	<0.1	<0.1	<0.1
3rd Week	17-08-2025	41.6	17.2	8.8	13.8	1.76	1.5	<0.1	<0.1	0.68	<0.1	<0.1	<0.1
	20-08-2025	40.8	16.2	8.4	12.8	1.58	1.46	<0.1	<0.1	0.76	<0.1	<0.1	<0.1
4th Week	23-08-2025	48.2	18.6	10.2	18.4	1.86	1.64	<0.1	<0.1	1	<0.1	<0.1	<0.1
	27-08-2025	41.6	16.2	8.6	16.2	1.88	1.64	<0.1	<0.1	0.9	<0.1	<0.1	<0.1



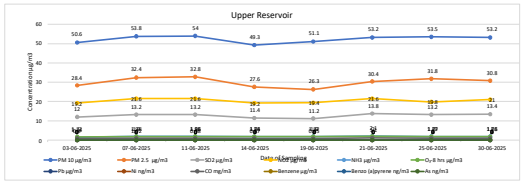
Sample Location		Komma Cheruvu Anjanaya Swamy Temple											
S.No	Date of Sampling	PM_{10}	$PM_{2.5}$	SO_2	NO_2	NH3	O_3-8 hrs	Pb	Ni	CO	Benzene	Benzo (a)pyrene	As
		µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	ng/m³	mg/m³	µg/m³	ng/m³	ng/m³
1st Week	02-08-2025	48.6	23.4	11.2	17.6	1.7	1.51	<0.1	<0.1	0.78	<0.1	<0.1	<0.1
	06-08-2025	49.2	23.4	13.2	18.8	1.82	1.7	<0.1	<0.1	0.85	<0.1	<0.1	<0.1
2nd Week	10-08-2025	50.6	25.4	11.6	17.2	1.8	1.54	<0.1	<0.1	0.89	<0.1	<0.1	<0.1
	13-08-2025	46.6	21.3	9.2	15.8	1.68	1.52	<0.1	<0.1	0.76	<0.1	<0.1	<0.1
3rd Week	17-08-2025	54	26.7	15.6	23.8	2.04	1.88	<0.1	<0.1	1.5	<0.1	<0.1	<0.1
	20-08-2025	51.6	22.8	9.6	16.2	1.96	1.8	<0.1	<0.1	0.84	<0.1	<0.1	<0.1
4th Week	23-08-2025	50.8	23.6	12.8	21.6	1.94	1.58	<0.1	<0.1	0.98	<0.1	<0.1	<0.1
	27-08-2025	46.8	17.2	11.3	16.2	1.69	1.53	<0.1	<0.1	0.78	<0.1	<0.1	<0.1



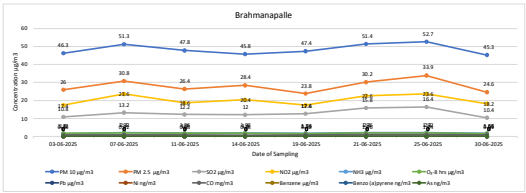
Sample Location		Power House											
S.No	Date of Sampling	PM_{10}	$PM_{2.5}$	SO_2	NO_2	NH3	O_3-8 hrs	Pb	Ni	CO	Benzene	Benzo (a)pyrene	As
		µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	ng/m³	mg/m³	µg/m³	ng/m³	ng/m³
1st Week	02-08-2025	51.2	25.4	14.2	21.6	2.1	1.8	<0.1	<0.1	0.91	<0.1	<0.1	<0.1
	06-08-2025	53.6	27.2	15.2	23.8	2.18	1.96	<0.1	<0.1	1	<0.1	<0.1	<0.1
2nd Week	10-08-2025	55.3	30.4	14.2	23.2	2	1.92	<0.1	<0.1	1.3	<0.1	<0.1	<0.1
	13-08-2025	52.6	25.8	14.4	20.8	2.04	1.81	<0.1	<0.1	1	<0.1	<0.1	<0.1
3rd Week	17-08-2025	57.3	31.8	14	22.7	2.12	1.98	<0.1	<0.1	1.36	<0.1	<0.1	<0.1
	20-08-2025	53.2	27.6	14.2	20.8	2.18	1.98	<0.1	<0.1	1.2	<0.1	<0.1	<0.1
4th Week	23-08-2025	51.6	27.2	13.8	20.6	1.99	1.72	<0.1	<0.1	0.89	<0.1	<0.1	<0.1
	27-08-2025	50.6	23.2	14.8	23.6	2.11	1.92	<0.1	<0.1	0.98	<0.1	<0.1	<0.1



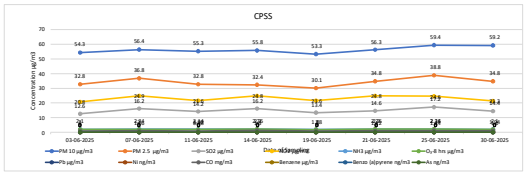
Sample Location		Upper Reservoir											
S.No	Date of Sampling	PM_{10}	$PM_{2.5}$	SO_2	NO_2	NH3	O_3-8 hrs	Pb	Ni	CO	Benzene	Benzo (a)pyrene	As
		µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	ng/m³	mg/m³	µg/m³	ng/m³	ng/m³
1st Week	02-08-2025	53.6	28.2	14.8	20.4	1.67	1.48	<0.1	<0.1	0.84	<0.1	<0.1	<0.1
	06-08-2025	57.2	32.4	16.2	24.8	2.1	1.94	<0.1	<0.1	1.1	<0.1	<0.1	<0.1
2nd Week	10-08-2025	55.3	30.4	14.2	23.2	2	1.92	<0.1	<0.1	1.3	<0.1	<0.1	<0.1
	13-08-2025	51	23.6	11.2	19.4	1.83	1.64	<0.1	<0.1	0.92	<0.1	<0.1	<0.1
3rd Week	17-08-2025	54.8	27.6	13.8	21.6	2.1	1.97	<0.1	<0.1	1.13	<0.1	<0.1	<0.1
	20-08-2025	54.6	29.6	13.4	20.6	2.1	1.88	<0.1	<0.1	1.1	<0.1	<0.1	<0.1
4th Week	23-08-2025	52.4	24.6	14.6	22.7	2.04	1.88	<0.1	<0.1	1.14	<0.1	<0.1	<0.1
	27-08-2025	54.3	23.4	15.2	24.8	2.23	1.98	<0.1	<0.1	1.05	<0.1	<0.1	<0.1



Sample Location		Brahmanapalle											
S.No	Date of Sampling	PM_{10}	$PM_{2.5}$	SO_2	NO_2	NH3	O_3-8 hrs	Pb	Ni	CO	Benzene	Benzo (a)pyrene	As
		µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	ng/m³	mg/m³	µg/m³	ng/m³	ng/m³
1st Week	02-08-2025	46.7	22.4	8.6	13.6	1.66	1.54	<0.1	<0.1	0.8	<0.1	<0.1	<0.1
	06-08-2025	52.2	26.9	13.8	22.6	1.99	1.82	<0.1	<0.1	0.98	<0.1	<0.1	<0.1
2nd Week	10-08-2025	48.8	20.6	10.2	16.4	1.8	1.62	<0.1	<0.1	0.72	<0.1	<0.1	<0.1
	13-08-2025	49.8	25.2	15.4	22.9	2.11	1.93	<0.1	<0.1	0.96	<0.1	<0.1	<0.1
3rd Week	17-08-2025	53.2	28.8	14.2	24	2.2	1.94	<0.1	<0.1	1.1	<0.1	<0.1	<0.1
	20-08-2025	52.2	31.6	16.8	23.4	2.08	1.92	<0.1	<0.1	1.16	<0.1	<0.1	<0.1
4th Week	23-08-2025	49.8	21.6	11.8	18.4	1.88	1.69	<0.1	<0.1	0.8	<0.1	<0.1	<0.1
	27-08-2025	51.4	23.6	15.8	20.2	1.98	1.7	<0.1	<0.1	0.94	<0.1	<0.1	<0.1

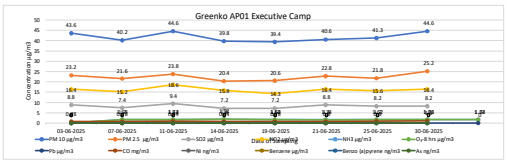


Sample Location		CPSS											
S.No	Date of Sampling	PM_{10}	$PM_{2.5}$	SO_2	NO_2	NH3	O_3-8 hrs	Pb	Ni	CO	Benzene	Benzo (a)pyrene	As
		µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	ng/m³	mg/m³	µg/m³	ng/m³	ng/m³
1st Week	02-08-2025	54.3	30.2	15.2	24.8	2.2	1.88	<0.1	<0.1	0.94	<0.1	<0.1	<0.1
	06-08-2025	55.4	31.8	15.6	23.3	2.1	1.92	<0.1	<0.1	1.12	<0.1	<0.1	<0.1
2nd Week	10-08-2025	58.3	36.4	17.2	26.8	2.18	1.98	<0.1	<0.1	1.18	<0.1	<0.1	<0.1
	13-08-2025	59.2	34.6	16.2	25.8	2.24	2.06	<0.1	<0.1	1.24	<0.1	<0.1	<0.1
3rd Week	17-08-2025	56.7	32.6	15.6	23.4	2.18	1.88	<0.1	<0.1	1.4	<0.1	<0.1	<0.1
	20-08-2025	56.9	34.2	18.2	20.6	2.18	1.94	<0.1	<0.1	1.18	<0.1	<0.1	<0.1
4th Week	23-08-2025	55.8	32.9	16.8	24.2	2.22	2.1	<0.1	<0.1	1.2	<0.1	<0.1	<0.1
	27-08-2025	56.8	33.6	16.4	25.2	2.24	2	<0.1	<0.1	1.6	<0.1	<0.1	<0.1

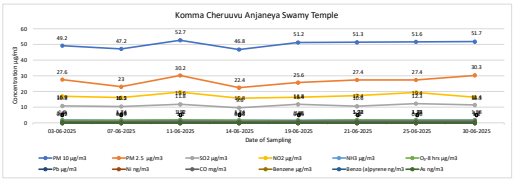


Air Quality Monitoring Trend Analysis For Season 1 (FY 2025-26) SEPTEMBER

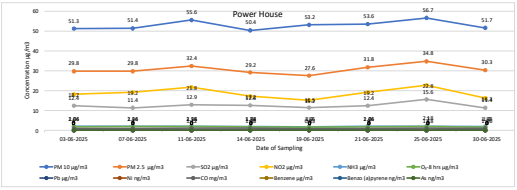
Sample Location		Greenko AP01 Executive Camp											
S.No	Date of Sampling	PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	NH3 µg/m³	O_3-8 hrs µg/m³	Pb µg/m³	Ni ng/m³	CO µg/m³	Benzene µg/m³	Benzo (a)pyrene µg/m³	As ng/m³
1st Week	06-09-2025	47.2	31.8	12.6	19.2	1.72	1.54	<0.1	<0.1	0.64	<0.1	<0.1	<0.1
2nd Week	09-09-2025	42.6	28.4	8.6	14.2	1.72	1.6	<0.1	<0.1	0.65	<0.1	<0.1	<0.1
	12-09-2025	43.6	23.2	8.8	16.4	1.7	1.68	<0.1	<0.1	0.78	<0.1	<0.1	<0.1
3rd Week	16-09-2025	42.8	26.3	8.6	17.2	1.88	1.72	<0.1	<0.1	0.89	<0.1	<0.1	<0.1
	20-09-2025	41.3	21.8	8.2	15.6	1.72	1.66	<0.1	<0.1	0.9	<0.1	<0.1	<0.1
4th Week	24-09-2025	44.3	30.6	11.9	20.1	1.92	1.88	<0.1	<0.1	0.93	<0.1	<0.1	<0.1
	29-08-2025	39.4	20.6	7.2	14.3	1.74	1.6	<0.1	<0.1	0.78	<0.1	<0.1	<0.1



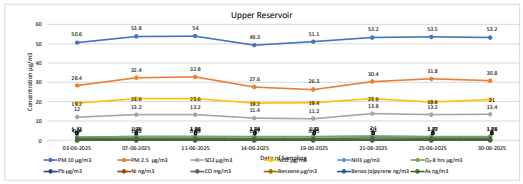
Sample Location		Komma Cheruvu Anjanaya Swamy Temple											
S.No	Date of Sampling	PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	NH3 µg/m³	O_3-8 hrs µg/m³	Pb µg/m³	Ni ng/m³	CO µg/m³	Benzene µg/m³	Benzo (a)pyrene µg/m³	As ng/m³
1st Week	06-09-2025	44.8	27.4	8.9	12.4	1.68	1.5	<0.1	<0.1	0.53	<0.1	<0.1	<0.1
2nd Week	09-09-2025	48.5	29.4	9	13.4	1.68	1.64	<0.1	<0.1	0.71	<0.1	<0.1	<0.1
	12-09-2025	49.2	27.6	10.8	16.9	1.8	1.64	<0.1	<0.1	0.92	<0.1	<0.1	<0.1
3rd Week	16-09-2025	50.3	39.4	11.2	18.2	1.86	1.72	<0.1	<0.1	1	<0.1	<0.1	<0.1
	20-09-2025	51.6	27.4	12.3	19.4	1.88	1.73	<0.1	<0.1	0.96	<0.1	<0.1	<0.1
4th Week	24-09-2025	51.6	32.4	10.3	16.8	1.78	1.6	<0.1	<0.1	0.95	<0.1	<0.1	<0.1
	29-08-2025	51.2	25.6	11.8	16.4	1.6	1.56	<0.1	<0.1	0.95	<0.1	<0.1	<0.1



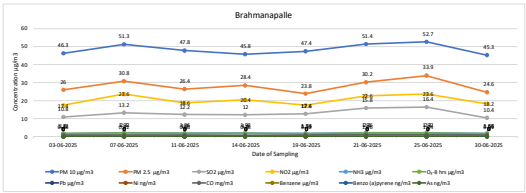
Sample Location		Power House											
S.No	Date of Sampling	PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	NH3 µg/m³	O_3-8 hrs µg/m³	Pb µg/m³	Ni ng/m³	CO µg/m³	Benzene µg/m³	Benzo (a)pyrene µg/m³	As ng/m³
1st Week	06-09-2025	50.3	34.6	14.2	20.6	1.92	1.7	<0.1	<0.1	0.88	<0.1	<0.1	<0.1
2nd Week	09-09-2025	54.3	38.2	14.6	20.8	2.06	1.92	<0.1	<0.1	0.98	<0.1	<0.1	<0.1
	12-09-2025	51.3	29.8	12.4	18.2	2.04	1.86	<0.1	<0.1	1	<0.1	<0.1	<0.1
3rd Week	16-09-2025	54.2	33.8	13.6	20.4	2.1	1.92	<0.1	<0.1	1.1	<0.1	<0.1	<0.1
	20-09-2025	56.7	34.8	15.6	22.8	2.18	2	<0.1	<0.1	1.18	<0.1	<0.1	<0.1
4th Week	24-09-2025	53.6	38.4	14.6	21.8	2.14	1.98	<0.1	<0.1	1.06	<0.1	<0.1	<0.1
	29-08-2025	53.2	27.6	11.5	15.2	1.86	1.7	<0.1	<0.1	0.83	<0.1	<0.1	<0.1



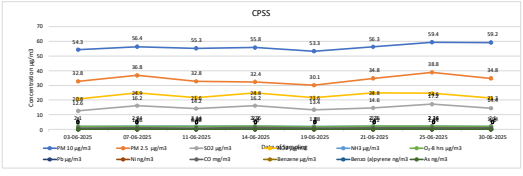
Sample Location		Upper Reservoir											
S.No	Date of Sampling	PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	NH3 µg/m³	O_3-8 hrs µg/m³	Pb µg/m³	Ni ng/m³	CO µg/m³	Benzene µg/m³	Benzo (a)pyrene µg/m³	As ng/m³
1st Week	06-09-2025	51.6	36.2	14.2	21.8	2.2	1.92	<0.1	<0.1	1	<0.1	<0.1	<0.1
2nd Week	09-09-2025	51	36.8	11.6	18.5	1.92	1.76	<0.1	<0.1	0.81	<0.1	<0.1	<0.1
	12-09-2025	50.6	28.4	12	19.2	1.54	1.72	<0.1	<0.1	0.9	<0.1	<0.1	<0.1
3rd Week	16-09-2025	52.7	31.6	12.8	20.9	1.94	1.88	<0.1	<0.1	0.96	<0.1	<0.1	<0.1
	20-09-2025	53.5	31.8	13.2	19.8	1.87	1.79	<0.1	<0.1	1	<0.1	<0.1	<0.1
4th Week	24-09-2025	50.3	32.8	12.3	18.5	1.93	1.84	<0.1	<0.1	0.94	<0.1	<0.1	<0.1
	29-08-2025	51.1	26.3	11.2	19.4	1.9	1.82	<0.1	<0.1	0.85	<0.1	<0.1	<0.1



Sample Location		Brahmanapalle											
S.No	Date of Sampling	PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	NH3 µg/m³	O_3-8 hrs µg/m³	Pb µg/m³	Ni ng/m³	CO µg/m³	Benzene µg/m³	Benzo (a)pyrene µg/m³	As ng/m³
1st Week	06-09-2025	49.6	32.4	11.8	17.6	1.86	1.78	<0.1	<0.1	0.89	<0.1	<0.1	<0.1
2nd Week	09-09-2025	55.6	39.2	15.2	21.8	2.12	1.84	<0.1	<0.1	1	<0.1	<0.1	<0.1
	12-09-2025	46.3	26	10.8	17.4	1.6	1.72	<0.1	<0.1	0.88	<0.1	<0.1	<0.1
3rd Week	16-09-2025	49.7	32.6	14.5	21.9	2	1.84	<0.1	<0.1	0.9	<0.1	<0.1	<0.1
	20-09-2025	52.7	33.9	16.4	23.6	2.1	1.92	<0.1	<0.1	1.04	<0.1	<0.1	<0.1
4th Week	24-09-2025	51.6	35	15.2	21.8	2.1	1.98	<0.1	<0.1	1	<0.1	<0.1	<0.1
	29-08-2025	47.4	23.8	12.6	17.4	1.76	1.54	<0.1	<0.1	0.92	<0.1	<0.1	<0.1



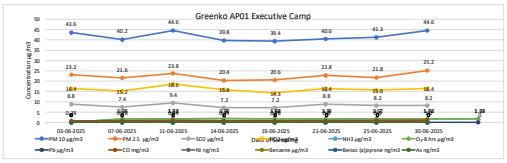
Sample Location		CPSS											
S.No	Date of Sampling	PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	NH3 µg/m³	O_3-8 hrs µg/m³	Pb µg/m³	Ni ng/m³	CO µg/m³	Benzene µg/m³	Benzo (a)pyrene µg/m³	As ng/m³
1st Week	06-09-2025	50.2	31.8	9.4	12.8	1.58	1.64	<0.1	<0.1	0.73	<0.1	<0.1	<0.1
2nd Week	09-09-2025	52.3	32.7	12.4	18.6	1.74	1.62	<0.1	<0.1	0.9	<0.1	<0.1	<0.1
	12-09-2025	54.3	32.8	12.6	20.8	2.1	1	<0.1	<0.1	1	<0.1	<0.1	<0.1
3rd Week	16-09-2025	57.2	38.6	15.8	23.4	2.2	2.1	<0.1	<0.1	1.2	<0.1	<0.1	<0.1
	20-09-2025	59.4	38.8	17.2	24.6	2.26	2.14	<0.1	<0.1	1.24	<0.1	<0.1	<0.1
4th Week	24-09-2025	56.3	37.8	14.2	22.8	2.16	2	<0.1	<0.1	1	<0.1	<0.1	<0.1
	29-08-2025	53.3	30.1	13.4	21.6	2	1.88	<0.1	<0.1	1	<0.1	<0.1	<0.1



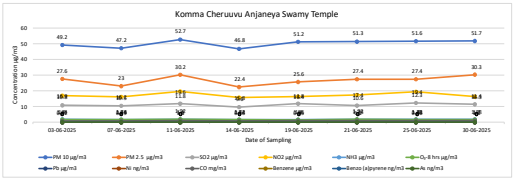
Air Quality Monitoring Trend Analysis For Season 1 (FY 2025-26) OCTOBER

greenko

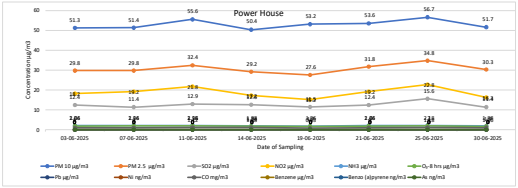
Sample Location		Greenko AP01 Executive Camp											
S.No	Date of Sampling	PM_{10}	$PM_{2.5}$	SO_2	NO_2	NH3	O_3-8 hrs	Pb	Ni	CO	Benzene	Benzo (a)pyrene	As
		µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	ng/m³	µg/m³	µg/m³	µg/m³	ng/m³
1st Week	01-10-2025	48.5	29.4	9	13.4	1.68	1.64	<0.1	<0.1	0.71	<0.1	<0.1	<0.1
	06-10-2025	49.8	30.6	13.4	20.7	1.84	1.6	<0.1	<0.1	0.72	<0.1	<0.1	<0.1
2nd Week	10-10-2025	45.6	24.8	9.6	13.4	1.62	1.58	<0.1	<0.1	0.7	<0.1	<0.1	<0.1
	14-10-2025	45.2	20.6	8.2	13.2	1.64	1.5	<0.1	<0.1	0.76	<0.1	<0.1	<0.1
3rd Week	18-10-2025	41.8	27.4	9.2	16.4	1.8	1.68	<0.1	<0.1	0.9	<0.1	<0.1	<0.1
	22-10-2025	51.4	37.2	13	19.2	1.8	1.63	<0.1	<0.1	0.88	<0.1	<0.1	<0.1
4th Week	26-10-2025	45.6	32.9	13.4	18.6	1.69	1.66	<0.1	<0.1	0.78	<0.1	<0.1	<0.1
	30-10-2025	48.3	27.5	9.4	13.6	1.59	1.48	<0.1	<0.1	0.79	<0.1	<0.1	<0.1



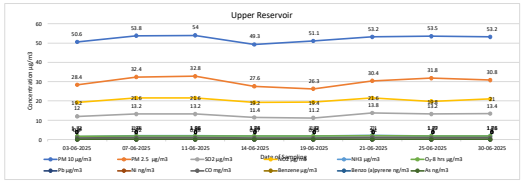
Sample Location		Komma Cheruvu Anjanaya Swamy Temple											
S.No	Date of Sampling	PM_{10}	$PM_{2.5}$	SO_2	NO_2	NH3	O_3-8 hrs	Pb	Ni	CO	Benzene	Benzo (a)pyrene	As
		µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	ng/m³	µg/m³	µg/m³	µg/m³	ng/m³
1st Week	01-10-2025	51	36.8	11.6	18.5	1.92	1.76	<0.1	<0.1	0.81	<0.1	<0.1	<0.1
	06-10-2025	45.4	24.8	10.2	13.8	1.64	1.52	<0.1	<0.1	0.58	<0.1	<0.1	<0.1
2nd Week	10-10-2025	46.8	27.4	10.6	14.8	1.72	1.64	<0.1	<0.1	0.74	<0.1	<0.1	<0.1
	14-10-2025	53.6	27.2	15.2	23.8	2.18	1.96	<0.1	<0.1	0.9	<0.1	<0.1	<0.1
3rd Week	18-10-2025	50.2	28.6	11.2	18.4	1.82	1.7	<0.1	<0.1	0.98	<0.1	<0.1	<0.1
	22-10-2025	52.1	36.4	11.5	18.4	2	1.74	<0.1	<0.1	0.99	<0.1	<0.1	<0.1
4th Week	26-10-2025	50.9	32.6	11.5	15.4	1.62	1.63	<0.1	<0.1	0.96	<0.1	<0.1	<0.1
	30-10-2025	52.2	38.1	12.6	19	1.94	1.82	<0.1	<0.1	1	<0.1	<0.1	<0.1



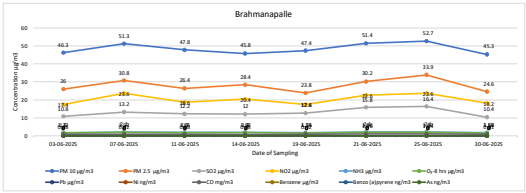
Sample Location		Power House											
S.No	Date of Sampling	PM_{10}	$PM_{2.5}$	SO_2	NO_2	NH3	O_3-8 hrs	Pb	Ni	CO	Benzene	Benzo (a)pyrene	As
		µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	ng/m³	µg/m³	µg/m³	µg/m³	ng/m³
1st Week	01-10-2025	52.3	32.7	12.3	18.6	1.74	1.62	<0.1	<0.1	0.9	<0.1	<0.1	<0.1
	06-10-2025	49.8	29.6	15.8	21.4	1.86	1.62	<0.1	<0.1	0.9	<0.1	<0.1	<0.1
2nd Week	10-10-2025	52.8	39.6	15.4	21.6	2.1	1.987	<0.1	<0.1	1	<0.1	<0.1	<0.1
	14-10-2025	52.2	26.9	13.8	22.6	1.99	1.82	<0.1	<0.1	1.1	<0.1	<0.1	<0.1
3rd Week	18-10-2025	51.6	34.2	12.8	19.6	2.08	1.76	<0.1	<0.1	1.08	<0.1	<0.1	<0.1
	22-10-2025	49.8	36.6	12.2	16.8	1.73	1.71	<0.1	<0.1	1.1	<0.1	<0.1	<0.1
4th Week	26-10-2025	52.7	39.6	14.2	19.6	2	1.96	<0.1	<0.1	1	<0.1	<0.1	<0.1
	30-10-2025	50.2	32.1	14.6	20.3	2.1	1.9	<0.1	<0.1	0.93	<0.1	<0.1	<0.1



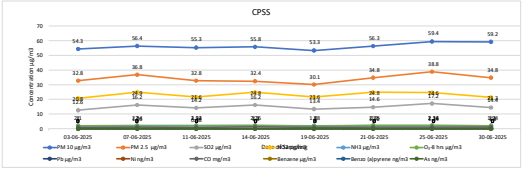
Sample Location		Upper Reservoir											
S.No	Date of Sampling	PM_{10}	$PM_{2.5}$	SO_2	NO_2	NH3	O3- 8 hrs	Pb	Ni	CO	Benzene	Benzo (a)pyrene	As
		µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	ng/m³	µg/m³	µg/m³	µg/m³	ng/m³
1st Week	01-10-2025	50.2	32.8	12.4	18.6	2.1	1.84	<0.1	<0.1	0.92	<0.1	<0.1	<0.1
	06-10-2025	49.8	29.6	15.8	21.4	1.86	1.62	<0.1	<0.1	0.9	<0.1	<0.1	<0.1
2nd Week	10-10-2025	53.6	38.2	13.6	22.4	2.1	1.94	<0.1	<0.1	1.1	<0.1	<0.1	<0.1
	14-10-2025	55.4	31.8	15.6	23.3	2.1	1.9	<0.1	<0.1	0.98	<0.1	<0.1	<0.1
3rd Week	18-10-2025	52.6	33.8	13.2	20.6	1.98	1.88	<0.1	<0.1	1	<0.1	<0.1	<0.1
	22-10-2025	48.6	34.3	9.5	14.2	1.6	1.69	<0.1	<0.1	0.89	<0.1	<0.1	<0.1
4th Week	26-10-2025	51.6	37.4	10.8	17.2	2.1	1.84	<0.1	<0.1	0.94	<0.1	<0.1	<0.1
	30-10-2025	55.3	34.5	14.6	21.6	2.14	1.96	<0.1	<0.1	0.872	<0.1	<0.1	<0.1



Sample Location		Brahmanapalle											
S.No	Date of Sampling	PM_{10}	$PM_{2.5}$	SO_2	NO_2	NH3	O_3-8 hrs	Pb	Ni	CO	Benzene	Benzo (a)pyrene	As
		µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	ng/m³	µg/m³	µg/m³	µg/m³	ng/m³
1st Week	01-10-2025	53.6	30.4	15.2	20.4	2.1	1.98	<0.1	<0.1	1.1	<0.1	<0.1	<0.1
	06-10-2025	50.4	32.8	16.4	20.6	2.14	1.96	<0.1	<0.1	1.04	<0.1	<0.1	<0.1
2nd Week	10-10-2025	33.6	35.4	16.8	22.4	2.18	1.92	<0.1	<0.1	1.08	<0.1	<0.1	<0.1
	14-10-2025	43.6	16.2	8	13.2	1.6	1.46	<0.1	<0.1	0.82	<0.1	<0.1	<0.1
3rd Week	18-10-2025	53.8	34.2	14.8	22.6	2.18	1.98	<0.1	<0.1	1.1	<0.1	<0.1	<0.1
	22-10-2025	45.9	32.5	10.4	15.8	1.57	1.63	<0.1	<0.1	1.07	<0.1	<0.1	<0.1
4th Week	26-10-2025	49.5	27.6	13.4	19.6	2	1.78	<0.1	<0.1	0.88	<0.1	<0.1	<0.1
	30-10-2025	43.8	20.4	11.2	16.4	1.8	1.62	<0.1	<0.1	0.97	<0.1	<0.1	<0.1



Sample Location		CPSS											
S.No	Date of Sampling	PM_{10}	$PM_{2.5}$	SO_2	NO_2	NH3	O_3-8 hrs	Pb	Ni	CO	Benzene	Benzo (a)pyrene	As
		µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	ng/m³	µg/m³	µg/m³	µg/m³	ng/m³
1st Week	01-10-2025	47.6	28.4	12.4	18.6	1.6	1.52	<0.1	<0.1	0.78	<0.1	<0.1	<0.1
	06-10-2025	53.2	34.6	13.2	16.8	1.64	1.78	<0.1	<0.1	0.8	<0.1	<0.1	<0.1
2nd Week	10-10-2025	48.8	30.6	14.8	21.6	1.9	1.74	<0.1	<0.1	1.02	<0.1	<0.1	<0.1
	14-10-2025	46.6	21.3	9.2	15.8	1.68	1.52	<0.1	<0.1	1.06	<0.1	<0.1	<0.1
3rd Week	18-10-2025	51.2	33.4	14.8	20.6	2.14	2	<0.1	<0.1	1.03	<0.1	<0.1	<0.1
	22-10-2025	57.6	37.2	18.6	23.4	2.2	2.18	<0.1	<0.1	1.12	<0.1	<0.1	<0.1
4th Week	26-10-2025	57.3	38.6	16.4	21.8	2.1	1.98	<0.1	<0.1	0.99	<0.1	<0.1	<0.1
	30-10-2025	51.6	32.4	15.8	23.4	2.1	1.96	<0.1	<0.1	1.2	<0.1	<0.1	<0.1



WATER QUALITY MONITORING RECORD OF SURFACE WATER (FY 25-26)

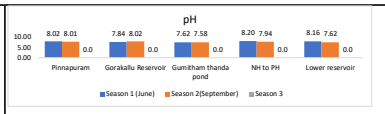
Location (pH)	Season 1 (June)	Season 2(September)	Season 3
Pinnapuram	8.02	8.01	0.0
Gorakallu Reservoir	7.84	8.02	0.0
Gumitham thanda pond	7.62	7.58	0.0
NH to PH	8.20	7.94	0.0
Lower reservoir	8.16	7.62	0.0

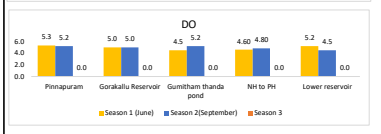
Location (DO)	Season 1 (June)	Season 2(September)	Season 3
Pinnapuram	5.3	5.2	0.0
Gorakallu Reservoir	5.0	5.0	0.0
Gumitham thanda pond	4.5	5.2	0.0
NH to PH	4.60	4.80	0.0
Lower reservoir	5.2	4.5	0.0

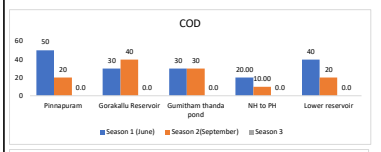
Location (COD)	Season 1 (June)	Season 2(September)	Season 3
Pinnapuram	50	20	0.0
Gorakallu Reservoir	30	40	0.0
Gumitham thanda pond	30	30	0.0
NH to PH	20.00	10.00	0.0
Lower reservoir	40	20	0.0

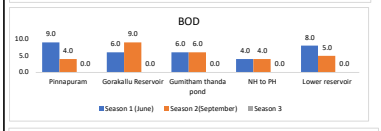
Location (BOD, 3days@27C)	Season 1 (June)	Season 2(September)	Season 3
Pinnapuram	9.0	4.0	0.0
Gorakallu Reservoir	6.0	9.0	0.0
Gumitham thanda pond	6.0	6.0	0.0
NH to PH	4.0	4.0	0.0
Lower reservoir	8.0	5.0	0.0

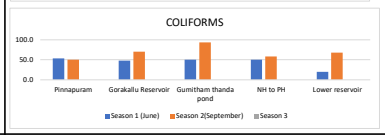
Location (Coliforms ,MPN/ 1	Season 1 (June)	Season 2(September)	Season 3
Pinnapuram	54.0	50.0	0.0
Gorakallu Reservoir	48.0	70.0	0.0
Gumitham thanda pond	50.0	94.0	0.0
NH to PH	50.0	58.0	0.0
Lower reservoir	20.0	68.0	0.0











WATER QUALITY MONITORING RECORD OF GROUND WATER

Location (pH)	Season 1 (June)	Season 2(September)	Season 3
Pinnapuram	7.78	7.46	0.0
Anjanaya swamy temple	7.32	7.28	0.0
Mallikarjuna Swamy temple	7.54	7.40	0.0
Bramhanpally	7.62	7.50	0.0
Gumitham Thanda	7.98	7.60	0.0

Location (TDS)	Season 1 (June)	Season 2(September)	Season 3
Pinnapuram	492.0	426.0	0.0
Anjanaya swamy temple	805.0	852.0	0.0
Mallikarjuna Swamy temple	342.0	364.0	0.0
Bramhanpally	384.0	528.0	0.0
Gumitham Thanda	568.0	604.0	0.0

Location (Turbidity)	Season 1 (June)	Season 2(September)	Season 3
Pinnapuram	<1	1.0	0.0
Anjanaya swamy temple	1.0	1.0	0.0
Mallikarjuna Swamy temple	1.0	1.0	0.0
Bramhanpally	1.0	1.0	0.0
Gumitham Thanda	1.0	1.0	0.0

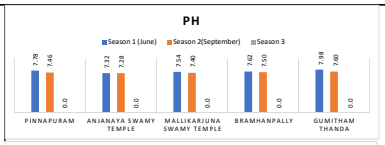
Location (Total Hardness)	Season 1 (June)	Season 2(September)	Season 3
Pinnapuram	252	190	0.0
Anjanaya swamy temple	388	276	0.0
Mallikarjuna Swamy temple	152	138	0.0
Bramhanpally	160	252	0.0
Gumitham Thanda	222	272	0.0

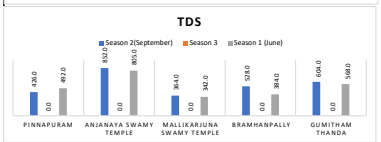
Location (Alkalinity-P)	Season 1 (June)	Season 2(September)	Season 3
Pinnapuram	0.0	0.0	0.0
Anjanaya swamy temple	0.0	0.0	0.0
Mallikarjuna Swamy temple	0.0	0.0	0.0
Bramhanpally	0.0	0.0	0.0
Gumitham Thanda	0.0	0.0	0.0

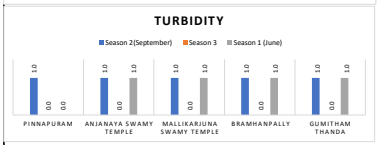
Location (Alkalinity-M)	Season 1 (June)	Season 2(September)	Season 3
Pinnapuram	240.0	184.0	0.0
Kalva village	324.0	320.0	0.0
Gumitham mallikarjuna swamy temple and power	184.0	176.0	0.0
Bramhanpally	186.0	240.0	0.0
Gumitham Thanda	240.0	258.0	0.0

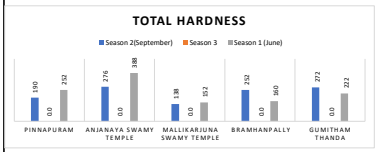
Location (Chloride)	Season 1 (June)	Season 2(September)	Season 3
Pinnapuram	168	124	0.0
Kalva village	210	236	0.0
Gumitham mallikarjuna swamy temple and power	80	92	0.0
Bramhanpally	112	138	0.0
Gumitham Thanda	156	184	0.0

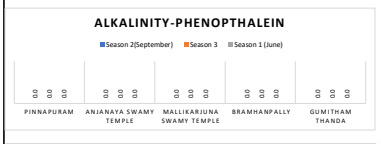
Location (Flouride)	Season 1 (June)	Season 2(September)	Season 3
Pinnapuram	0.62	0.50	0.0
Kalva village	0.70	0.72	0.0
Gumitham mallikarjuna swamy temple and power	0.54	0.52	0.0
Bramhanpally	0.56	0.58	0.0
Gumitham Thanda	0.64	0.62	0.0

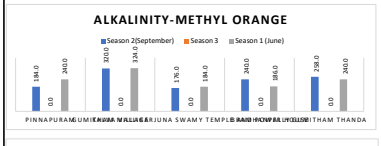


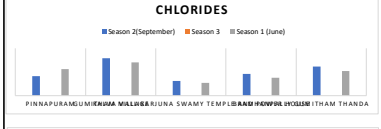


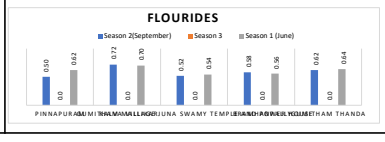






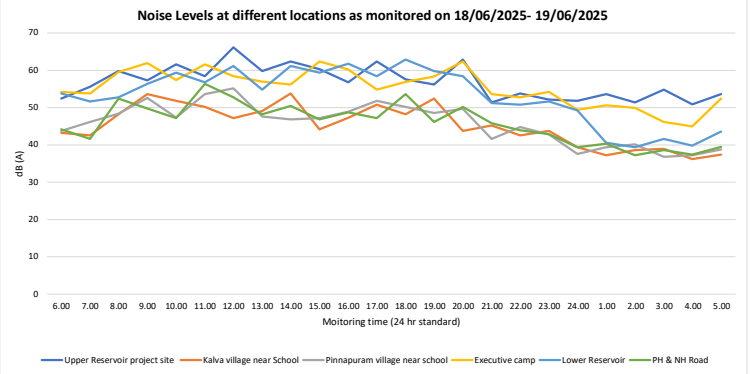






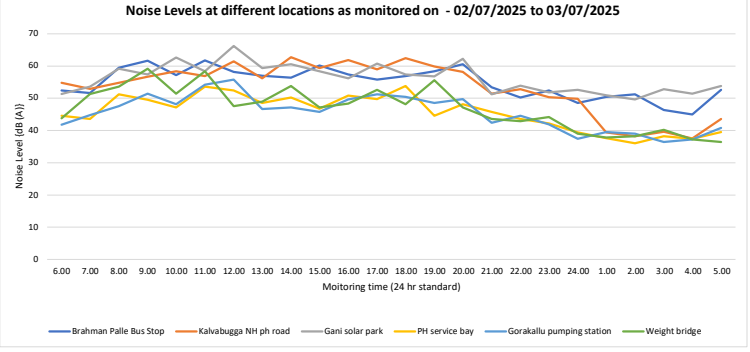
Noise Monitoring Trend Analysis - June (FY 2025-26)
18/06/2025 - 19/06/2025

S. NO	Monitoring Time	Kalva village near School	PH & NH Road	Executive camp	Upper Reservoir project site	Lower Reservoir	Pinnapuram village near school
1	6.00	43.2	44.2	54.2	52.4	53.8	43.8
2	7.00	42.6	41.6	53.8	55.6	51.6	46.2
3	8.00	48.2	52.4	59.5	59.8	52.8	48.4
4	9.00	53.6	49.8	62	57.3	56.4	52.6
5	10.00	51.8	47.2	57.4	61.6	59.4	47.4
6	11.00	50.2	56.4	61.6	58.4	56.8	53.6
7	12.00	47.2	52.8	58.4	66.2	61.2	55.2
8	13.00	49.1	48.2	57	59.8	54.8	47.6
9	14.00	53.8	50.4	56.2	62.4	61.2	46.8
10	15.00	44.2	46.8	62.4	60.3	59.4	47.2
11	16.00	47.3	48.7	60.2	56.8	61.8	48.9
12	17.00	50.8	47.2	54.8	62.4	58.4	51.8
13	18.00	48.2	53.6	56.9	57.6	62.9	50.2
14	19.00	52.4	46.2	58.3	56.2	59.8	48.6
15	20.00	43.8	50.2	62.4	62.9	58.4	49.7
16	21.00	45.2	45.8	53.6	51.4	51.2	41.6
17	22.00	42.6	43.9	52.8	53.8	50.8	44.8
18	23.00	43.8	42.9	54.2	52.2	51.6	42.8
19	24.00	39.4	39.4	49.4	51.8	49.2	37.6
20	1.00	37.2	40.3	50.6	53.6	40.6	39.4
21	2.00	38.6	37.2	49.9	51.4	39.4	40.2
22	3.00	38.9	38.6	46.2	54.8	41.6	36.8
23	4.00	36.2	37.4	45	50.9	39.8	37.2
24	5.00	37.4	39.5	52.4	53.6	43.6	38.8



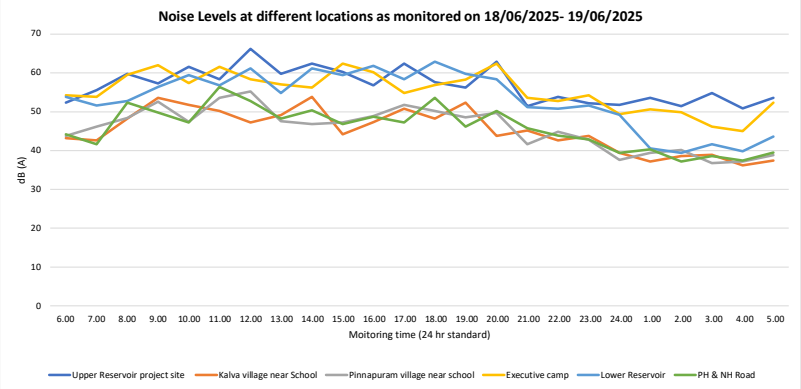
NOISE LEVEL MONITORING TREND ANALYSIS SEASON-1
02/07/2025 - 03/07/2025

S. NO	Monitoring Time	Weight bridge	PH service bay	Brahman Palle Bus Stop	Gani solar park	Kalvabugga NH ph road	Gorakallu pumping station
1	6.00	43.8	44.6	52.4	51.3	54.8	41.8
2	7.00	51.3	43.6	51.6	53.6	52.9	44.8
3	8.00	53.6	51.2	59.5	59.2	54.8	47.6
4	9.00	59.2	49.5	61.6	57.4	56.7	51.4
5	10.00	51.4	47.2	57.2	62.6	58.4	48.2
6	11.00	58.4	53.6	61.8	58.4	56.9	54.2
7	12.00	47.6	52.4	58.2	66.2	61.4	55.8
8	13.00	49	48.6	57	59.4	56.2	46.7
9	14.00	53.8	50.2	56.4	60.6	62.8	47.2
10	15.00	47.2	46.8	60.2	58.4	59.4	45.8
11	16.00	48.4	50.8	57.4	56.2	61.8	49.6
12	17.00	52.6	49.7	55.8	60.8	59	51.2
13	18.00	48.2	53.8	56.9	57.4	62.4	50.4
14	19.00	55.6	44.6	58.4	56.8	59.9	48.6
15	20.00	47.2	48.2	60.6	62.3	58.2	49.7
16	21.00	43.6	45.8	53.4	51.2	51.4	42.4
17	22.00	42.9	43.6	50.2	53.9	52.8	44.6
18	23.00	44.2	42.2	52.4	51.8	50.3	41.9
19	24.00	39	39.4	48.6	52.6	49.8	37.4
20	1.00	37.8	37.6	50.4	50.9	39.4	39.5
21	2.00	38.2	36	51.2	49.6	38.2	39
22	3.00	40.2	38.2	46.4	52.8	39.6	36.4
23	4.00	37.2	37.4	45	51.4	37.5	37.2
24	5.00	36.4	39.5	52.6	53.8	43.6	40.8



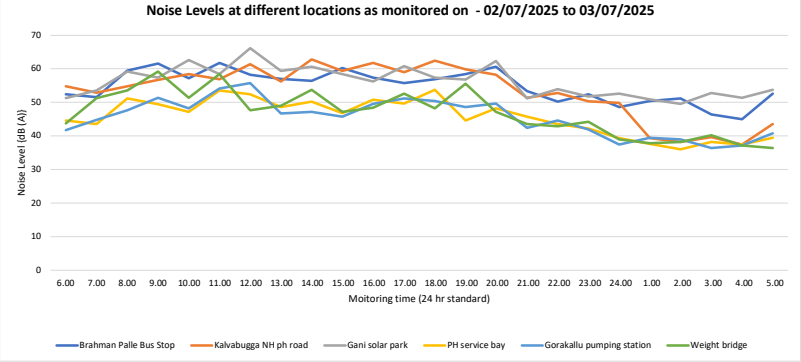
Noise Monitoring Trend Analysis - July (FY 2025-26)
02/07/2025 - 03/07/2025

S. NO	Monitoring Time	Kalva village near School	PH & NH Road	Executive camp	Upper Reservoir project site	Lower Reservoir	Pinnapuram village near school
1	6.00	45.4	43.8	55.6	52.8	54.6	48.2
2	7.00	43.8	44.6	52.8	54.6	52.4	50.2
3	8.00	49.6	49.2	60.2	59.2	53.8	47.6
4	9.00	54.2	54.8	62.8	58.4	57.2	51.8
5	10.00	50.8	51.6	59.4	60.6	60.2	48.4
6	11.00	51.6	50.2	62	59.2	57.4	52.6
7	12.00	48.2	47.6	59.2	65.8	60.2	53.8
8	13.00	49.6	49	58.4	60.2	55.8	48.2
9	14.00	52.4	53.8	57.6	61.8	60.6	47.4
10	15.00	45.6	47.2	63.4	62.4	59.8	48.6
11	16.00	46.8	48.4	61.2	57.2	62.4	49.2
12	17.00	50.2	52.6	53.6	63.6	59.6	52.4
13	18.00	47.8	48.2	57.2	57	61.8	51.2
14	19.00	51.6	55.6	59.4	55.8	60.2	47.8
15	20.00	42.8	47.2	61.8	61.6	59.4	48.6
16	21.00	46.4	43.6	52.6	50.2	52.6	42.4
17	22.00	43.8	42.9	53.4	52.8	50.6	43.6
18	23.00	42.4	44.2	52.8	51.6	51.8	41.8
19	24.00	39.6	39	50.2	50.2	50.2	38.2
20	1.00	38.4	37.8	49.6	52.4	41.6	40.2
21	2.00	37.6	38.2	48.4	51.8	40.2	41.6
22	3.00	38.2	40.2	47.8	53.6	42.8	37.8
23	4.00	37.4	37.2	46.2	49.6	40.8	38.4
24	5.00	38	36.4	50.2	51.7	42.9	39.2



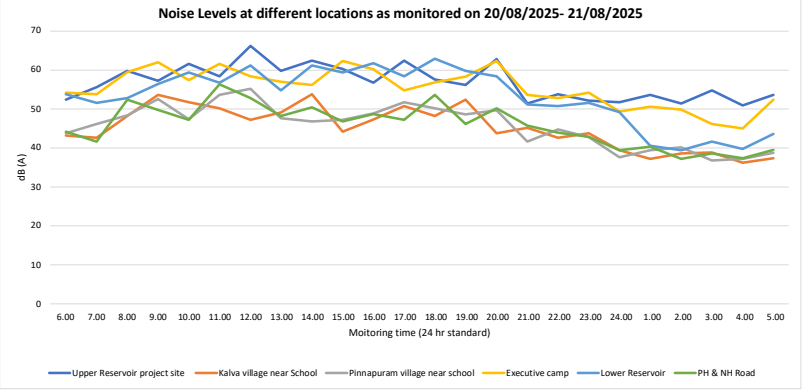
NOISE LEVEL MONITORING TREND ANALYSIS SEASON-1
02/07/2025 - 03/07/2025

S. NO	Monitoring Time	weight bridge	PH service bay	Brahman Palle Bus Stop	Gani solar park	Kalvabugga NH ph road	Gorakallu pumping station
1	6.00	58.2	59.4	48.2	52.8	56.2	44.2
2	7.00	56.4	57.6	47.6	55.6	54.8	47.8
3	8.00	52.3	56.8	50.2	60.2	58.4	48.6
4	9.00	51.8	55.8	48.6	61.8	57.2	52.4
5	10.00	50.2	56.7	49.8	63.6	59.6	49.8
6	11.00	53.6	52.8	51.2	60.8	58.7	53.6
7	12.00	55.2	51.6	54.6	67.8	62.3	54.2
8	13.00	51.6	53.8	55.8	58.2	58	47.8
9	14.00	49.8	51.8	52.9	62.4	64.8	48.6
10	15.00	62.4	62.4	51.2	61.3	60.2	47.4
11	16.00	65.8	61.9	53.4	60.2	61.9	51.2
12	17.00	63.2	60.2	50.2	63.8	60.4	53.8
13	18.00	61.8	52.6	49.2	59.4	63.8	50.8
14	19.00	59.8	64.3	45.9	60.8	60.2	49.2
15	20.00	58.8	61.8	46.8	61.4	59.8	48.8
16	21.00	49.9	58.2	47.2	54.8	50.4	44.6
17	22.00	47.8	57.4	44.6	56.8	53.6	43.2
18	23.00	45.6	49.8	41.1	52.4	51.4	42.4
19	24.00	51.8	50.8	47.8	54.8	40.2	39.6
20	1.00	48.7	40.2	49.6	50.2	41.6	40.2
21	2.00	45.8	46.2	38.4	48.3	40.2	39.8
22	3.00	41.6	45.8	41.8	52.4	39.9	37.8
23	4.00	42.8	43.6	44.6	50.6	38.4	38
24	5.00	41.6	42.8	40.2	49.2	41.8	41.6



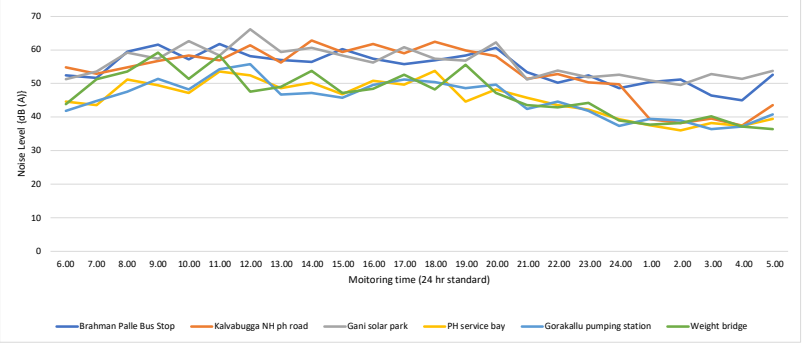
Noise Monitoring Trend Analysis - August (FY 2025-26)
20/08/2025 - 21/08/2025

S. NO	Monitoring Time	Kalva village near School	PH & NH Road	Executive camp	Upper Reservoir project site	Lower Reservoir	Pinnapuram village near school
1	6.00	46.1	44.8	56.6	51.8	55.1	48.6
2	7.00	42.8	43.4	51.5	55.7	51.9	51.1
3	8.00	50.1	48.3	61.5	60.1	52.9	46.5
4	9.00	53.1	54.8	62.8	58.9	58.1	50.8
5	10.00	50.4	52.4	58.5	61.6	61.5	47.5
6	11.00	49.1	49.2	61.1	60.2	58.4	52.9
7	12.00	44.2	46.7	58.4	64.9	61.3	54.2
8	13.00	49.9	50.1	57.1	59.9	56.1	47.1
9	14.00	51.4	51.7	56.6	59.4	61.2	48.1
10	15.00	46.8	48.2	62.1	63.1	60.8	48.9
11	16.00	46.1	49.7	62.3	56.2	61.2	50.1
12	17.00	49.1	51.9	54.4	62.5	60.7	53.1
13	18.00	48.7	48.8	57.1	55.2	62.1	52.2
14	19.00	50.6	56.6	60.1	56.3	61.3	48.3
15	20.00	44.6	48.2	62.7	61.8	58.2	49.1
16	21.00	47.4	44.1	52.9	51.3	51.9	41.3
17	22.00	44.5	41.8	52.9	53.2	51.4	42.1
18	23.00	41.4	46.2	51.9	50.2	50.9	40.9
19	24.00	38.6	40	51.2	50.8	50.4	39.5
20	1.00	39.4	39.8	49.5	52.6	42.4	39.1
21	2.00	36.6	39.8	49.5	52.4	41.1	40.2
22	3.00	37.2	41.2	46.5	52.9	41.6	39.4
23	4.00	38.4	36.2	47.2	48.9	41.2	38.9
24	5.00	39.1	38.4	51.3	50.8	43.1	39.7



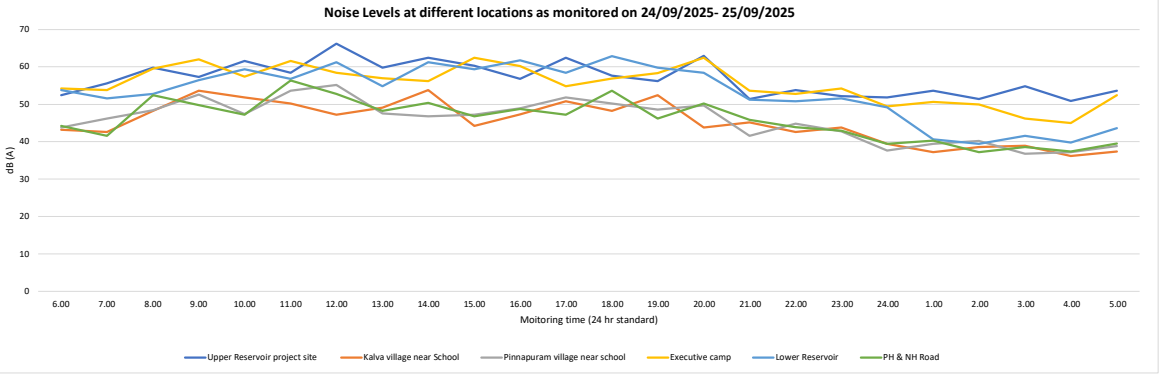
NOISE LEVEL MONITORING TREND ANALYSIS SEASON-1
02/07/2025 - 03/07/2025

S. NO	Monitoring Time	weight bridge	PH service bay	Brahman Palle Bus Stop	Gani solar park	Kalvabugga NH ph road	Gorakallu pumping station
1	6.00	59.2	60.2	49.2	51.8	55.4	45.3
2	7.00	55.2	58.4	48.6	56.7	55.9	48.7
3	8.00	51.3	57.2	51.3	61.2	59.1	49.8
4	9.00	52.4	56.4	49.2	62.1	56.2	51.4
5	10.00	51.4	56.9	50.2	64.5	60.1	50.2
6	11.00	54.4	51.2	52.6	61.5	59.4	54.1
7	12.00	55.2	50.8	53.2	68.5	63.2	55.4
8	13.00	50.2	54.1	54.2	59.2	59.1	46.2
9	14.00	50.3	52.3	53.4	61.1	65.4	47.9
10	15.00	61.9	61.5	52.8	62.5	60.2	46.5
11	16.00	66.9	60.3	54.2	62.5	62.3	52.1
12	17.00	64.2	60.9	50.8	62.9	59.4	54.9
13	18.00	62.3	53.2	50.9	58.5	64.5	51.8
14	19.00	60.1	65.2	46.1	59.2	62.4	50.7
15	20.00	61.3	62.4	47.1	60.5	60.5	47.7
16	21.00	49.1	59.4	47.9	55.9	51.2	45.2
17	22.00	48.5	59.2	46.6	57.6	54.2	42.3
18	23.00	44.2	50.1	42.9	53.5	53.2	45.1
19	24.00	52.4	52.6	48.8	54.6	49.5	40.8
20	1.00	47.2	49.5	50.6	51.2	42.1	41.7
21	2.00	45.2	45.2	37.5	49.4	41.6	40.5
22	3.00	40.9	44.2	42.5	53.8	40.1	36.5
23	4.00	41.6	43.5	43.2	51.6	39.4	37
24	5.00	42.2	42.7	41.1	40.8	42.1	40.5



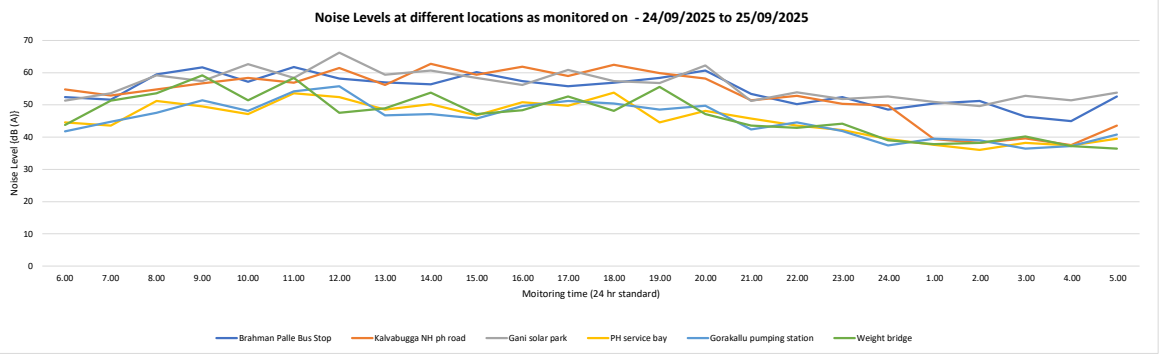
Noise Monitoring Trend Analysis - September (FY 2025-26)
24/09/2025 - 25/09/2025

S.No	Monitoring Time	Kalva village near School	PH & NH Road	Executive camp	Upper Reservoir project site	Lower Reservoir	Pinnapuram village near school
1	06:00	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	40	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	24:00:00	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	40	53.4	54.7	42.2	39.1



NOISE LEVEL MONITORING TREND ANALYSIS SEASON-1
24/09/2025 - 25/09/2025

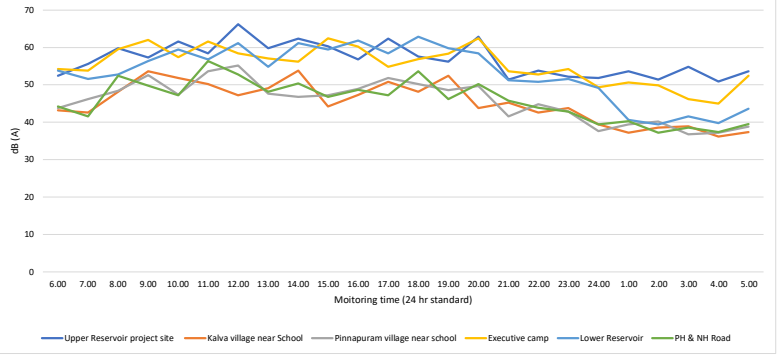
S. NO	Time	Weight Bridge	PH Service Bay	Bus Stand (Brahamapalle)	Gani Solar Park Road	Kalvabugga NH–PH Road	Gorakallu Pumping Station
1	06:00	43.6	59.2	40.9	42.8	44.7	41.7
2	07:00	44.9	62.8	44.3	40.6	42	43.2
3	08:00	47.8	71.6	49.6	48.7	53.4	51.1
4	09:00	45.3	67.4	46.8	54	52.7	47.5
5	10:00	49.3	58.2	50.8	47	51.5	53.1
6	11:00	46.2	65.4	45.9	50	48.2	52.4
7	12:00	48.6	64	47.3	46.5	49.8	45.2
8	13:00	51.7	57.6	49.1	52.9	50	54.5
9	14:00	47.9	62	53.7	51	46.6	48.1
10	15:00	53.2	57.2	54.1	48.3	52.5	50.6
11	16:00	53.6	64.8	45.4	52	46.4	51.3
12	17:00	45.1	58.3	54.8	54.8	46.7	47.6
13	18:00	52.3	63.7	53.5	51	50.9	48.5
14	19:00	54.6	65	52.2	53.8	51.8	50.3
15	20:00	54.2	70	51.6	50.5	46	52.6
16	21:00	44.1	66.8	42.4	41.9	43.7	43.3
17	22:00	43	67.2	41.2	44	44	42.7
18	23:00	41.3	59.2	44.6	42.6	42.9	40.2
19	24:00:00	39	60.4	37.3	38.4	39.5	36.5
20	01:00	37.1	36	35.5	35.7	39.2	39.2
21	02:00	37.5	54.4	35.8	38.5	30	36.2
22	03:00	37	57.4	36.3	38.6	39.4	35.6
23	04:00	35.4	52.3	37.6	35.3	39.6	38.8
24	05:00	35.1	47.6	30.1	37.7	35.2	42.1



Noise Monitoring Trend Analysis - October (FY 2025-26)
6/10/2025 - 7/10/2025

S. No	Time	Kalva	Between NH-PH	Executive Camp	Upper Reservoir Project Site	Lower Reservoir Project Site	Pinnapuram Village
1	06:00	43.8	45.4	48.2	40.9	59.2	54.6
2	07:00	45.6	43.8	50.2	44.3	62.8	52.4
3	08:00	48.2	49.6	47.6	49.6	71.6	53.8
4	09:00	53.6	54.2	51.8	46.8	67.4	57.2
5	10:00	51.2	50.8	48.4	50.8	58.2	60.2
6	11:00	48.6	51.6	52.6	45.9	65.4	57.4
7	12:00	47.2	48.2	53.8	47.3	64.6	60.2
8	13:00	49.6	49.6	48.2	49.1	57.6	55.8
9	14:00	53.4	52.4	47.4	53.7	62.8	60.6
10	15:00	46.8	45.6	48.6	54.1	57.2	59.8
11	16:00	45.2	46.8	49.2	45.4	64.8	62.4
12	17:00	50.4	50.2	52.4	54.8	58.3	59.6
13	18:00	48.2	47.8	51.2	53.5	63.7	61.8
14	19:00	52.6	51.6	47.8	52.2	65.8	60.2
15	20:00	43.4	42.8	48.6	51.6	70	59.4
16	21:00	42.6	46.4	42.4	42.4	66.8	52.6
17	22:00	40.2	43.8	43.6	41.2	67.2	50.6
18	23:00	42.8	42.4	41.8	44.6	59.2	51.8
19	24:00:00	40.6	39.6	38.2	37.3	60.4	50.2
20	01:00	37.8	38.4	40.2	36	58.3	41.6
21	02:00	39.6	37.6	41.6	35.8	54.4	40.2
22	03:00	38.4	38.2	37.8	36.3	57.4	42.8
23	04:00	36.2	37.4	38.4	37.6	52.8	40.8
24	05:00	35.8	38	39.2	38.1	47.6	42.9

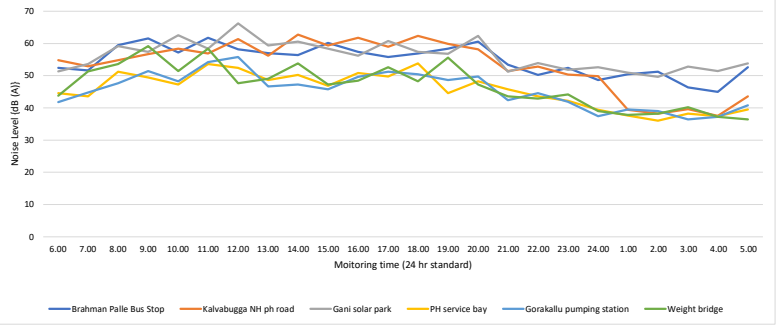
Noise Levels at different locations as monitored on 6/10/2025- 7/10/2025



NOISE LEVEL MONITORING TREND ANALYSIS SEASON-1
6/10/2025 - 7/10/2025

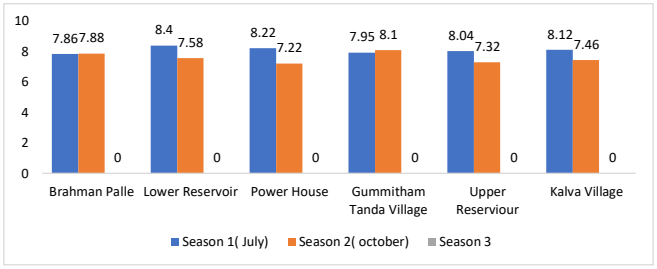
S. No	Time	Weight Bridge	PH Service Bay	Brahamapalle Bus Stand	Gani Solar Park Road	Kalvabugga NH-PH Road	Gorakallu Pumping Station
1	06:00	48.2	58.2	51.8	52.8	46.1	55.1
2	07:00	47.6	56.4	55.7	54.6	42.8	51.9
3	08:00	50.2	52.3	60.1	59.2	50.1	52.9
4	09:00	48.6	51.8	58.9	58.4	53.1	58.1
5	10:00	49.8	50.2	61.6	60.6	50.4	61.5
6	11:00	51.2	53.6	60.2	59.2	49.1	58.4
7	12:00	54.6	55.2	64.9	65.8	48.2	61.3
8	13:00	55.8	51.6	59.9	60.2	49.9	56.1
9	14:00	52.9	49.8	59.4	61.8	51.4	61.2
10	15:00	51.2	62.4	63.1	62.4	46.8	60.8
11	16:00	53.4	65.8	56.2	57.2	46.1	61.2
12	17:00	50.2	63.2	62.5	63.6	49.1	60.7
13	18:00	49.2	61.8	55.2	57	48.7	62.1
14	19:00	45.9	59.8	56.3	55.8	50.6	61.3
15	20:00	46.8	58.8	61.8	61.6	41.6	58.2
16	21:00	47.2	49.9	51.3	50.2	47.4	51.9
17	22:00	44.6	47.8	53.2	52.8	44.5	51.4
18	23:00	41.8	45.6	50.2	51.6	41.4	50.9
19	24:00:00	47.8	51.8	50.8	50.2	38.6	50.4
20	01:00	49.6	48.7	52.6	52.4	39.4	42.4
21	02:00	38.4	45.8	52.4	51.8	36.6	41.1
22	03:00	41.8	41.6	52.9	53.6	37.2	41.6
23	04:00	44.6	42.8	48.9	49.6	38.4	41.2
24	05:00	40.2	41.6	50.8	51.7	39.1	43.1

Noise Levels at different locations as monitored on - 06/10/2025 to 07/10/2025

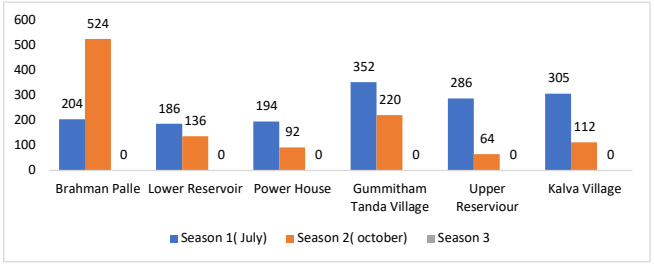


Soil Quality Graphical Representation For Season 1 (FY 2023-24)

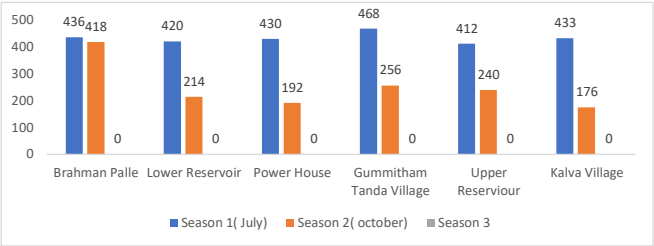
Location (pH)	Season 1(July)	eason 2(octobe	Season 3
Brahman Palle	7.86	7.88	0
Lower Reservoir	8.4	7.58	0
Power House	8.22	7.22	0
Gummitham Tanda Village	7.95	8.1	0
Upper Reserviour	8.04	7.32	0
Kalva Village	8.12	7.46	0



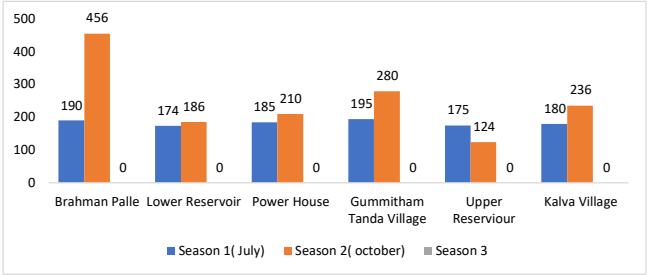
Location (Conductivity)	Season 1(July)	eason 2(octobe	Season 3
Brahman Palle	204	524	0
Lower Reservoir	186	136	0
Power House	194	92	0
Gummitham Tanda Village	352	220	0
Upper Reserviour	286	64	0
Kalva Village	305	112	0



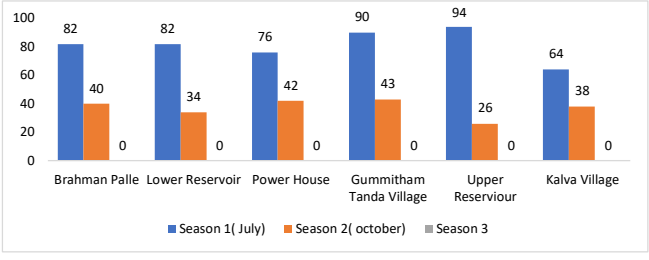
Location (Nitrogen as N)	Season 1(July)	eason 2(octobe	Season 3
Brahman Palle	436	418	0
Lower Reservoir	420	214	0
Power House	430	192	0
Gummitham Tanda Village	468	256	0
Upper Reserviour	412	240	0
Kalva Village	433	176	0



Location (Potassium as K)	Season 1(July)	eason 2(octobe	Season 3
Brahman Palle	190	456	0
Lower Reservoir	174	186	0
Power House	185	210	0
Gummitham Tanda Village	195	280	0
Upper Reserviour	175	124	0
Kalva Village	180	236	0



Location (Phosphorous as P)	Season 1(July)	eason 2(octobe	Season 3
Brahman Palle	82	40	0
Lower Reservoir	82	34	0
Power House	76	42	0
Gummitham Tanda Village	90	43	0
Upper Reserviour	94	26	0
Kalva Village	64	38	0



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Ph : +91 8121165649 | 8801676472
E-mail : cleanenvirolabs@gmail.com
www.arcleanenvirolabs.com

TC- 14660

TEST REPORT

Issued to:		Issued Date:	30.09.2025
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.		Analysis Completed Date	30.09.2025
		Sample Registration Date	25.09.2025
		Sample Collection Date	24.09.2025
		ULR NO	**TC1466025000003781F**
		Sample Registration No	01246/09/25-007
Sample Description	**Noise Level Monitoring**	Test Report No	CEL/N/01246/09/25-007
Sample Drawn By	Representative of CEL		*Sample tested as Received Basis*

TEST RESULT

S. No	Monitoring Time	Usnit	Kalva Village	Between NH-PH Road	Executive Camp	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	47.67	38.2	55	45
Between NH-PH Road	Residential	47.72	39.24	55	45
Executive Camp	Industrial	57.37	49.64	75	70
Upper Reservoir Project Site	Industrial	57.55	51.91	75	70
Lower Reservoir Project Site	Industrial	56.22	42.28	75	70
Pinnapuram Village	Residential	46.81	38.11	55	45

Calibration Details:

Equipment Details	Noise Level Meter	Make	SL – 4001
Model	Lutron	Calibration	26.11.2025

Verified By
T. Jyothirmai
(Technical -Manager)

Authorized By
K.S. Lakshmi
(Lab Head)

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

F/7.8/03

Issue No & Date: 03 & 01.09.2024

Amend No. & Date: 00 & 00

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Hyderabad-500098, Telangana, India
Ph : +91 8121165649 | 8801676472
E-mail : cleanenvirolabs@gmail.com
www.arcleanenvirolabs.com

TC- 14660

TEST REPORT

Issued to:		Issued Date:	30.09.2025
Name and Address of the Client:		Analysis Completed Date	30.09.2025
M/S. Greenko AP01 IREP Private Limited,		Sample Registration Date	25.09.2025
14-478/6, Sai Nagar, Panyam Village,		Sample Collection Date	24.09.2025
Nandyal, Kurnool, Andhra Pradesh – 518112.		**ULR NO**	**TC1466025000003781F**
		Sample Registration No	01246/09/25-007
Sample Description	**Noise Level Monitoring**	Test Report No	CEL/N/01246/09/25-007
Sample Drawn By	Representative of CEL		*Sample tested as Received Basis*

TEST RESULT

S. No	Monitoring Time	Unit	Weight Bridge	PH Service Bay	Brahamapalle Bus Stand	Gani Solar Park Road	Kalvabugga NH-PH Road	Gorakallu Pumping Station
1.	06.00	dB	43.6	59.2	40.9	42.8	44.7	41.7
2.	07.00		44.9	62.8	44.3	40.6	42	43.2
3.	08.00		47.8	71.6	49.6	48.7	53.4	51.1
4.	09.00		45.3	67.4	46.8	54	52.7	47.5
5.	10.00		49.3	58.2	50.8	47	51.5	53.1
6.	11.00		46.2	65.4	45.9	50.7	48.2	52.4
7.	12.00		48.6	64.6	47.3	46.5	49.8	45.2
8.	13.00		51.7	57.6	49.1	52.9	50	54.5
9.	14.00		47.9	62.8	53.7	51	46.6	48.1
10.	15.00		53.2	57.2	54.1	48.3	52.5	50.6
11.	16.00		53.6	64.8	45.4	52	46.4	51.3
12.	17.00		45.1	58.3	54.8	46.7	47.6	49.5
13.	18.00		52.3	63.7	53.5	51.2	50.9	48.5
14.	19.00		54.6	65.8	52.2	53.8	51.8	50.3
15.	20.00		54.2	70	51.6	50.5	46	52.6
16.	21.00		44.8	66.8	42.4	41.9	43.7	43.3
17.	22.00		43	67.2	41.2	44.1	44	42.7
18.	23.00		41.3	59.2	44.6	42.6	42.9	40.2
19.	24.00		39	60.4	37.3	38.4	39.5	36.5
20.	01.00		37.1	58.3	36	35.5	35.7	39.2
21.	02.00		37.5	54.4	35.8	38.5	38	36.2
22.	03.00		37	57.4	36.3	38.6	39.4	35.6
23	04.00		35.4	52.8	37.6	35.3	39.6	38.8
24.	05.00		35.1	47.6	38.1	37.7	35.2	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
Weight Bridge	Industrial	48.59	37.48	75	70
PH Service Bay	Industrial	63.72	55.72	75	70
Brahamapalle Bus Stand	Residential	48.44	37.95	55	45
Gani Solar Park Road	Industrial	48.39	38.08	75	70
Kalvabugga NH-PH Road	Industrial	48.34	38.61	75	70
Gorakallu Pumping Station	Residential	48.56	38.37	55	45

Calibration Details:

Equipment Details	Noise Level Meter	Make	SL – 4001
Model	Lutron	Calibration	26.11.2025

Verified By
T. Jyothirmai
(Technical -Manager)

Authorized By
K.S. Lakshmi
(Lab Head)

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

F/7.8/03

Issue No & Date: 03 & 01.09.2024

Amend No. & Date: 00 & 00

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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** : **TC1466025000003787F** **Sample Registration** : 01246/09/25-009 **Test Report No** : CEL/W/01246/09/25-009 **Report Issued Date:** : 30.09.2025 **Your Reference** : Nil **Date of Receipt** : 25.09.2025

Group : Water **Discipline** : Chemical & Biological **Sample Description** : Ground Water **Sample Quantity** : 2 Litres x 1No **Sample Packing** : Clean & Sterile Container	**Date of Registration**	25.09.2025
	Date of Commencement of Testing	25.09.2025
	Date of Completion of Testing	30.09.2025
	Sample Condition of Receipt	Found Ok
		Sample Tested as Received Basis

Sampling Details

Date of Sampling :24.09.2025	**Environment Condition:** Temperature :29.5⁰ C, Humidity: 52%
Sampling Method: APHA 24th 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 24th Edition -4500-H⁺-B (2023)	--	7.28	6.5 – 8.5	No relaxation
2.	Electrical Conductivity	APHA 24th Edition -2510-B (2023)	µs/cm	1400	Not Specified	Not Specified
3.	Total Dissolved Solids	APHA 24th Edition -2540-C (2023)	mg/l	852	Max. 500	Max.2000
4.	Turbidity	APHA 24th Edition -2130-B (2023)	NTU	1.0	Max. 1.0	Max.5.0
5.	Color	APHA 24th Edition 2120 C (2023)	CU	<5.0	Max. 5.0	Max. 15
6.	Total Alkalinity as $CaCO_3$	APHA 24th Edition -2320-B (2023)	mg/l	320	Max. 200	Max.600
7.	Total Hardness as $CaCO_3$	APHA 24th Edition -2340-C (2023)	mg/l	276	Max. 200	Max.600
8.	Calcium as Ca	APHA 24th Edition -3500Ca-B (2023)	mg/l	58.6	Max. 75	Max.200
9.	Magnesium as Mg	APHA 24th Edition -3500Mg-B (2023)	mg/l	31.4	Max. 30	Max.100
10.	Chlorides as Cl	APHA 24th 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_4	APHA 24th Edition -4500SO_4-E (2023)	mg/l	68.4	Max. 200	Max.400
14.	Iron as Fe	APHA 24th Edition -3500-B-Fe (2023)	mg/l	0.18	Max. 1.0	No relaxation
15.	Fluoride as F	APHA 24th Edition -4500F-D (2023)	mg/l	0.72	Max. 1.0	Max.1.5
16.	Silica as SiO_2	APHA 24th Edition -4500 Sio2-C (2023)	mg/l	0.60	Not Specified	Not Specified
17.	Nitrates as NO_3	APHA 24th Edition 4500 NO3 B (2023)	mg/l	36.8	Max. 45	No relaxation
	MICROBIOLOGICAL ANALYSIS					
18.	Total Bacterial Count	IS 1622:1981	Cfu/ml	184	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)

Authorized By
Sri Lakshmi
(Lab Head)

AR CLEAN ENVIRO LABS LLP HYDERABAD

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

F/7.8/03

Issue No & Date: 03 & 01.09.2024

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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	:	**TC1466025000003788F**
Sample Registration	:	01246/09/25-010
Test Report No	:	CEL/W/01246/09/25-010
Report Issued Date:	:	30.09.2025
Your Reference	:	Nil
Date of Receipt	:	25.09.2025

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

Date of Registration	25.09.2025
Date of Commencement of Testing	25.09.2025
Date of Completion of Testing	30.09.2025
Sample Condition of Receipt	Found Ok

Sample Tested as Received Basis

Sampling Details

Date of Sampling :24.09.2025
Environment Condition: Temperature :29.5⁰ C, Humidity: 52%
Sampling Method: APHA 24th 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 24th Edition -4500-H⁺-B (2023)	--	7.40	6.5 – 8.5	No relaxation
2.	Electrical Conductivity	APHA 24th Edition -2510-B (2023)	µs/cm	612	Not Specified	Not Specified
3.	Total Dissolved Solids	APHA 24th Edition -2540-C (2023)	mg/l	364	Max. 500	Max.2000
4.	Turbidity	APHA 24th Edition -2130-B (2023)	NTU	1.0	Max. 1.0	Max.5.0
5.	Color	APHA 24th Edition 2120 C (2023)	CU	<5.0	Max. 5.0	Max. 15
6.	Total Alkalinity as $CaCO_3$	APHA 24th Edition -2320-B (2023)	mg/l	176	Max. 200	Max.600
7.	Total Hardness as $CaCO_3$	APHA 24th Edition -2340-C (2023)	mg/l	138	Max. 200	Max.600
8.	Calcium as Ca	APHA 24th Edition -3500Ca-B (2023)	mg/l	34	Max. 75	Max.200
9.	Magnesium as Mg	APHA 24th Edition -3500Mg-B (2023)	mg/l	13	Max. 30	Max.100
10.	Chlorides as Cl	APHA 24th 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_4	APHA 24th Edition -4500SO_4-E (2023)	mg/l	22.8	Max. 200	Max.400
14.	Iron as Fe	APHA 24th Edition -3500-B-Fe (2023)	mg/l	0.10	Max. 1.0	No relaxation
15.	Fluoride as F	APHA 24th Edition -4500F-D (2023)	mg/l	0.52	Max. 1.0	Max.1.5
16.	Silica as SiO_2	APHA 24th Edition -4500 Sio2-C (2023)	mg/l	0.40	Not Specified	Not Specified
17.	Nitrates as NO_3	APHA 24th Edition 4500 NO3 B (2023)	mg/l	8.6	Max. 45	No relaxation
	MICROBIOLOGICAL ANALYSIS					
18.	Total Bacterial Count	IS 1622:1981	Cfu/ml	90	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)

Authorized By
Sri Lakshmi
(Lab Head)

AR CLEAN ENVIRO LABS LLP HYDERABAD

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

F/7.8/03 Issue No & Date: 03 & 01.09.2024 Amend No. & Date: 00 & 00

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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	:	**TC1466025000003789F**
Sample Registration	:	01246/09/25-011
Test Report No	:	CEL/W/01246/09/25-011
Report Issued Date:	:	30.09.2025
Your Reference	:	Nil
Date of Receipt	:	25.09.2025

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

Date of Registration	25.09.2025
Date of Commencement of Testing	25.09.2025
Date of Completion of Testing	30.09.2025
Sample Condition of Receipt	Found Ok

Sample Tested as Received Basis

Sampling Details

Date of Sampling :24.09.2025	**Environment Condition:** Temperature :29.5⁰ C, Humidity: 52%
Sampling Method: APHA 24th 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 24th Edition -4500-H+-B (2023)	--	7.65	6.5 – 8.5	No relaxation
2.	Electrical Conductivity	APHA 24th Edition -2510-B (2023)	µs/cm	1033	Not Specified	Not Specified
3.	Total Dissolved Solids	APHA 24th Edition -2540-C (2023)	mg/l	604	Max. 500	Max.2000
4.	Turbidity	APHA 24th Edition -2130-B (2023)	NTU	1.0	Max. 1.0	Max.5.0
5.	Color	APHA 24th Edition 2120 C (2023)	CU	<5.0	Max. 5.0	Max. 15
6.	Total Alkalinity as $CaCO_3$	APHA 24th Edition -2320-B (2023)	mg/l	258	Max. 200	Max.600
7.	Total Hardness as $CaCO_3$	APHA 24th Edition -2340-C (2023)	mg/l	272	Max. 200	Max.600
8.	Calcium as Ca	APHA 24th Edition -3500Ca-B (2023)	mg/l	56	Max. 75	Max.200
9.	Magnesium as Mg	APHA 24th Edition -3500Mg-B (2023)	mg/l	32	Max. 30	Max.100
10.	Chlorides as Cl	APHA 24th 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_4	APHA 24th Edition -4500SO_4-E (2023)	mg/l	40.2	Max. 200	Max.400
14.	Iron as Fe	APHA 24th Edition -3500-B-Fe (2023)	mg/l	0.12	Max. 1.0	No relaxation
15.	Fluoride as F	APHA 24th Edition -4500F-D (2023)	mg/l	0.62	Max. 1.0	Max.1.5
16.	Silica as SiO_2	APHA 24th Edition -4500 Sio2-C (2023)	mg/l	0.50	Not Specified	Not Specified
17.	Nitrates as NO_3	APHA 24th Edition 4500 NO3 B (2023)	mg/l	16.2	Max. 45	No relaxation
	MICROBIOLOGICAL ANALYSIS					
18.	Total Bacterial Count	IS 1622:1981	Cfu/ml	148	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)

Authorized By
Sri Lakshmi
(Lab Head)

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

F/7.8/03
Issue No & Date: 03 & 01.09.2024
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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	:	**TC1466025000003790F**
Sample Registration	:	01246/09/25-012
Test Report No	:	CEL/W/01246/09/25-012
Report Issued Date:	:	30.09.2025
Your Reference	:	Nil
Date of Receipt	:	25.09.2025

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

Date of Registration	25.09.2025
Date of Commencement of Testing	25.09.2025
Date of Completion of Testing	30.09.2025
Sample Condition of Receipt	Found Ok

Sample Tested as Received Basis

Sampling Details

Date of Sampling :24.09.2025
Environment Condition: Temperature :29.5⁰ C, Humidity: 52%
Sampling Method: APHA 24th Edition 1060-B
Sample Location: Brahmanapalle
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 24th Edition -4500-H+-B (2023)	--	7.50	6.5 – 8.5	No relaxation
2.	Electrical Conductivity	APHA 24th Edition -2510-B (2023)	µs/cm	875	Not Specified	Not Specified
3.	Total Dissolved Solids	APHA 24th Edition -2540-C (2023)	mg/l	528	Max. 500	Max.2000
4.	Turbidity	APHA 24th Edition -2130-B (2023)	NTU	1.0	Max. 1.0	Max.5.0
5.	Color	APHA 24th Edition 2120 C (2023)	CU	<5.0	Max. 5.0	Max. 15
6.	Total Alkalinity as $CaCO_3$	APHA 24th Edition -2320-B (2023)	mg/l	240	Max. 200	Max.600
7.	Total Hardness as $CaCO_3$	APHA 24th Edition -2340-C (2023)	mg/l	252	Max. 200	Max.600
8.	Calcium as Ca	APHA 24th Edition -3500Ca-B (2023)	mg/l	58	Max. 75	Max.200
9.	Magnesium as Mg	APHA 24th Edition -3500Mg-B (2023)	mg/l	26	Max. 30	Max.100
10.	Chlorides as Cl	APHA 24th 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_4	APHA 24th Edition -4500SO_4-E (2023)	mg/l	35.2	Max. 200	Max.400
14.	Iron as Fe	APHA 24th Edition -3500-B-Fe (2023)	mg/l	0.11	Max. 1.0	No relaxation
15.	Fluoride as F	APHA 24th Edition -4500F-D (2023)	mg/l	0.58	Max. 1.0	Max.1.5
16.	Silica as SiO_2	APHA 24th Edition -4500 Sio2-C (2023)	mg/l	0.41	Not Specified	Not Specified
17.	Nitrates as NO_3	APHA 24th Edition 4500 NO3 B (2023)	mg/l	10.4	Max. 45	No relaxation
	MICROBIOLOGICAL ANALYSIS					
18.	Total Bacterial Count	IS 1622:1981	Cfu/ml	80	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)

Authorized By
Sri Lakshmi
(Lab Head)

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

F/7.8/03
Issue No & Date: 03 & 01.09.2024
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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** : **TC1466025000003791F** **Sample Registration** : 01246/09/25-013 **Test Report No** : CEL/W/01246/09/25-013 **Report Issued Date:** : 30.09.2025 **Your Reference** : Nil **Date of Receipt** : 25.09.2025

Group	: Water	**Date of Registration**	25.09.2025
Discipline	: Chemical & Biological	**Date of Commencement of Testing**	25.09.2025
Sample Description	: Ground Water	**Date of Completion of Testing**	30.09.2025
Sample Quantity	: 2 Litres x 1No	**Sample Condition of Receipt**	Found Ok
Sample Packing	: Clean & Sterile Container		*Sample Tested as Received Basis*

Sampling Details

Date of Sampling :24.09.2025	**Environment Condition:** Temperature :29.5⁰ C, Humidity: 52%
Sampling Method: APHA 24th 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 24th Edition -4500-H+-B (2023)	--	7.46	6.5 – 8.5	No relaxation
2.	Electrical Conductivity	APHA 24th Edition -2510-B (2023)	µs/cm	724	Not Specified	Not Specified
3.	Total Dissolved Solids	APHA 24th Edition -2540-C (2023)	mg/l	426	Max. 500	Max.2000
4.	Turbidity	APHA 24th Edition -2130-B (2023)	NTU	1.0	Max. 1.0	Max.5.0
5.	Color	APHA 24th Edition 2120 C (2023)	CU	<5.0	Max. 5.0	Max. 15
6.	Total Alkalinity as $CaCO_3$	APHA 24th Edition -2320-B (2023)	mg/l	184	Max. 200	Max.600
7.	Total Hardness as $CaCO_3$	APHA 24th Edition -2340-C (2023)	mg/l	190	Max. 200	Max.600
8.	Calcium as Ca	APHA 24th Edition -3500Ca-B (2023)	mg/l	42	Max. 75	Max.200
9.	Magnesium as Mg	APHA 24th Edition -3500Mg-B (2023)	mg/l	20.6	Max. 30	Max.100
10.	Chlorides as Cl	APHA 24th Edition -4500Cl-B (2023)	mg/l	124	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_4	APHA 24th Edition -4500SO_4-E (2023)	mg/l	26.8	Max. 200	Max.400
14.	Iron as Fe	APHA 24th Edition -3500-B-Fe (2023)	mg/l	0.10	Max. 1.0	No relaxation
15.	Fluoride as F	APHA 24th Edition -4500F-D (2023)	mg/l	0.50	Max. 1.0	Max.1.5
16.	Silica as SiO_2	APHA 24th Edition -4500 Sio2-C (2023)	mg/l	0.38	Not Specified	Not Specified
17.	Nitrates as NO_3	APHA 24th Edition 4500 NO3 B (2023)	mg/l	10.2	Max. 45	No relaxation
	MICROBIOLOGICAL ANALYSIS					
18.	Total Bacterial Count	IS 1622:1981	Cfu/ml	104	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)

Authorized By
Sri Lakshmi
(Lab Head)

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

F/7.8/03

Issue No & Date: 03 & 01.09.2024

Amend No. & Date: 00 & 00

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

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Ph : +91 8121165649 | 8801676472
E-mail : cleanenvirolabs@gmail.com
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** : **TC1466025000003782F** **Sample Registration** : 01246/09/25-015 **Test Report No** : CEL/W/01246/09/25-015 **Report Issued Date:** : 30.09.2025 **Your Reference** : Nil **Date of Receipt** : 25.09.2025	
Group : Water **Discipline** : Chemical **Sample Description** : Surface Water **Sample Quantity** : 1 Liter **Sample Packing** : Clean & Sterile Container	**Date of Registration**	25.09.2025
	Date of Commencement of Testing	25.09.2025
	Date of Completion of Testing	30.09.2025
	Sample Condition of Receipt	Found Ok
	Sample Tested as Received Basis	

Sampling Details

Date of Sampling :24.09.2025	**Environment Condition:** Temperature :29.5^0 C, Humidity: 52%
Sampling Method: APHA 24th Edition 1060-B	**Sample Location: Gumitham Thanda Pond behind Greenko Stores**
Sample Collected By: CEL Representative	

TEST RESULT

S. No	TEST PARAMETERS	TEST METHOD	UNITS	RESULTS	CPCB Class C
1	pH @25.0°C	APHA 24th Edition -4500-H$^+$-B (2023)	--	7.58	6 – 9
2.	Electrical Conductivity	APHA 24th Edition -2510-B (2023)	µs/cm	648	Not Specified
3.	Chemical Oxygen Demand	APHA 24th Edition 5220 B (2023)	mg/L	30	--
4.	Bio Chemical Oxygen Demand (3 Days at 27^{0}C)	IS 3025 (Part 44) 2023	mg/L	6.0	--
5.	Dissolved Oxygen	APHA 24th 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)

Authorized By
K.S. Lakshmi
(Lab Head)

AR CLEAN ENVIRO LABS LLP HYDERABAD

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

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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** : 01246/09/25-015NS **Test Report No** : CEL/W/01246/09/25-015NS **Report Issued Date:** : 30.09.2025 **Your Reference** : Nil **Date of Receipt** : 25.09.2025

Group	: Water	**Date of Registration**	25.09.2025
Discipline	: Biological	**Date of Commencement of Testing**	25.09.2025
Sample Description	: Surface Water	**Date of Completion of Testing**	30.09.2025
Sample Quantity	: 1 Liter	**Sample Condition of Receipt**	Found Ok
Sample Packing	: Clean & Sterile Container		*Sample Tested as Received Basis*

Sampling Details

Date of Sampling :24.09.2025	**Environment Condition:** Temperature :29.5^0 C, Humidity: 52%
Sampling Method: APHA 24th Edition 1060-B	**Sample Location: Gumitham Thanda Pond behind Greenko Stores**
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	94	5000

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

Verified By
Sahadevudu
(Sr. Microbiologist)

Authorized By
Poonam Lata
(Lab Incharge- Microbiology)

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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** : **TC1466025000003783F** **Sample Registration** : 01246/09/25-016 **Test Report No** : CEL/W/01246/09/25-016 **Report Issued Date:** : 30.09.2025 **Your Reference** : Nil **Date of Receipt** : 25.09.2025	
Group : Water **Discipline** : Chemical **Sample Description** : Surface Water **Sample Quantity** : 1 Liter **Sample Packing** : Clean & Sterile Container	**Date of Registration**	25.09.2025
	Date of Commencement of Testing	25.09.2025
	Date of Completion of Testing	30.09.2025
	Sample Condition of Receipt	Found Ok
	Sample Tested as Received Basis	
Sampling Details		
Date of Sampling :24.09.2025	**Environment Condition:** Temperature :29.5^0 C, Humidity: 52%	
Sampling Method: APHA 24th 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	pH @25.0°C	APHA 24th Edition -4500-H$^+$-B (2023)	--	7.94	6 – 9
2.	Electrical Conductivity	APHA 24th Edition -2510-B (2023)	µs/cm	572	Not Specified
3.	Chemical Oxygen Demand	APHA 24th Edition 5220 B (2023)	mg/L	20	--
4.	Bio Chemical Oxygen Demand (3 Days at 27^{0}C)	IS 3025 (Part 44) 2023	mg/L	4.0	--
5.	Dissolved Oxygen	APHA 24th Edition 4500 -O-C (2023)	mg/L	4.8	>4.0

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

Verified By
T. Jyothirmai
(Technical -Manager)

Authorized By
K.S. Lakshmi
(Lab Head)

AR CLEAN ENVIRO LABS LLP HYDERABAD

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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** : 01246/09/25-016NS **Test Report No** : CEL/W/01246/09/25-016NS **Report Issued Date:** : 30.09.2025 **Your Reference** : Nil **Date of Receipt** : 25.09.2025		
Group : Water **Discipline** : Biological **Sample Description** : Surface Water **Sample Quantity** : 1 Liter **Sample Packing** : Clean & Sterile Container	**Date of Registration**	25.09.2025	
	Date of Commencement of Testing	25.09.2025	
	Date of Completion of Testing	30.09.2025	
	Sample Condition of Receipt	Found Ok	
	Sample Tested as Received Basis		
Sampling Details			
Date of Sampling :24.09.2025	**Environment Condition:** Temperature :29.5^0 C, Humidity: 52%		
Sampling Method: APHA 24th 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	58	5000

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

Verified By
Sahadevudu
(Sr. Microbiologist)

Authorized By
Poonam Lata
(Lab Incharge- Microbiology)

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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** : **TC1466025000003784F** **Sample Registration** : 01246/09/25-017 **Test Report No** : CEL/W/01246/09/25-017 **Report Issued Date:** : 30.09.2025 **Your Reference** : Nil **Date of Receipt** : 25.09.2025		
Group : Water **Discipline** : Chemical **Sample Description** : Surface Water **Sample Quantity** : 1 Liter **Sample Packing** : Clean & Sterile Container	**Date of Registration**	25.09.2025	
	Date of Commencement of Testing	25.09.2025	
	Date of Completion of Testing	30.09.2025	
	Sample Condition of Receipt	Found Ok	
	Sample Tested as Received Basis		
Sampling Details			
Date of Sampling :24.09.2025	**Environment Condition:** Temperature :29.5^0 C, Humidity: 52%		
Sampling Method: APHA 24th 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	APHA 24th Edition -4500-H$^+$-B (2023)	--	7.62	6 – 9
2.	Electrical Conductivity	APHA 24th Edition -2510-B (2023)	µs/cm	562	Not Specified
3.	Chemical Oxygen Demand	APHA 24th Edition 5220 B (2023)	mg/L	20	--
4.	Bio Chemical Oxygen Demand (3 Days at 27^{0}C)	IS 3025 (Part 44) 2023	mg/L	5.0	--
5.	Dissolved Oxygen	APHA 24th Edition 4500 -O-C (2023)	mg/L	4.5	>4.0

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

Verified By
T. Jyothirmai
(Technical -Manager)

Authorized By
K.S. Lakshmi
(Lab Head)

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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** : 01246/09/25-017NS **Test Report No** : CEL/W/01246/09/25-017NS **Report Issued Date:** : 30.09.2025 **Your Reference** : Nil **Date of Receipt** : 25.09.2025

Group	: Water	**Date of Registration**	25.09.2025
Discipline	: Biological	**Date of Commencement of Testing**	25.09.2025
Sample Description	: Surface Water	**Date of Completion of Testing**	30.09.2025
Sample Quantity	: 1 Liter	**Sample Condition of Receipt**	Found Ok
Sample Packing	: Clean & Sterile Container		*Sample Tested as Received Basis*

Sampling Details

Date of Sampling :24.09.2025	**Environment Condition:** Temperature :29.5^0 C, Humidity: 52%
Sampling Method: APHA 24th 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.	Coliforms	IS 1622:1981	MPN/100ml	68	5000

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

Verified By
Sahadevudu
(Sr. Microbiologist)

Authorized By
Poonam Lata
(Lab Incharge- Microbiology)

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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** : **TC1466025000003785F** **Sample Registration** : 01246/09/25-018 **Test Report No** : CEL/W/01246/09/25-018 **Report Issued Date:** : 30.09.2025 **Your Reference** : Nil **Date of Receipt** : 25.09.2025	
Group : Water **Discipline** : Chemical **Sample Description** : Surface Water **Sample Quantity** : 1 Liter **Sample Packing** : Clean & Sterile Container	**Date of Registration**	25.09.2025
	Date of Commencement of Testing	25.09.2025
	Date of Completion of Testing	30.09.2025
	Sample Condition of Receipt	Found Ok
	Sample Tested as Received Basis	

Sampling Details

Date of Sampling :24.09.2025	**Environment Condition:** Temperature :29.5^0 C, Humidity: 52%
Sampling Method: APHA 24th 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 24th Edition -4500-H$^+$-B (2023)	--	8.02	6 – 9
2.	Electrical Conductivity	APHA 24th Edition -2510-B (2023)	µs/cm	812	Not Specified
3.	Chemical Oxygen Demand	APHA 24th Edition 5220 B (2023)	mg/L	50	--
4.	Bio Chemical Oxygen Demand (3 Days at 27^{0}C)	IS 3025 (Part 44) 2023	mg/L	9.0	--
5.	Dissolved Oxygen	APHA 24th Edition 4500 -O-C (2023)	mg/L	5.2	>4.0

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

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

Authorized By
K.S. Lakshmi
(Lab Head)

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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** : 01246/09/25-018NS **Test Report No** : CEL/W/01246/09/25-018NS **Report Issued Date:** : 30.09.2025 **Your Reference** : Nil **Date of Receipt** : 25.09.2025

Group	: Water	**Date of Registration**	25.09.2025
Discipline	: Biological	**Date of Commencement of Testing**	25.09.2025
Sample Description	: Surface Water	**Date of Completion of Testing**	30.09.2025
Sample Quantity	: 1 Liter	**Sample Condition of Receipt**	Found Ok
Sample Packing	: Clean & Sterile Container		*Sample Tested as Received Basis*

Sampling Details

Date of Sampling :24.09.2025	**Environment Condition:** Temperature :29.5⁰ C, Humidity: 52%
Sampling Method: APHA 24th 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.	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)

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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** : **TC1466025000003786F** **Sample Registration** : 01246/09/25-019 **Test Report No** : CEL/W/01246/09/25-019 **Report Issued Date:** : 30.09.2025 **Your Reference** : Nil **Date of Receipt** : 25.09.2025		
Group : Water **Discipline** : Chemical **Sample Description** : Surface Water **Sample Quantity** : 1 Liter **Sample Packing** : Clean & Sterile Container	**Date of Registration**	25.09.2025	
	Date of Commencement of Testing	25.09.2025	
	Date of Completion of Testing	30.09.2025	
	Sample Condition of Receipt	Found Ok	
	Sample Tested as Received Basis		
Sampling Details			
Date of Sampling :24.09.2025	**Environment Condition:** Temperature :29.5⁰ C, Humidity: 52%		
Sampling Method: APHA 24th 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 24th Edition -4500-H⁺-B (2023)	--	8.01	6 – 9
2.	Electrical Conductivity	APHA 24th Edition -2510-B (2023)	µs/cm	492	Not Specified
3.	Chemical Oxygen Demand	APHA 24th Edition 5220 B (2023)	mg/L	20	--
4.	Bio Chemical Oxygen Demand (3 Days at 27⁰C)	IS 3025 (Part 44) 2023	mg/L	4.0	--
5.	Dissolved Oxygen	APHA 24th Edition 4500 -O-C (2023)	mg/L	5.0	>4.0

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

Verified By
T. Jyothirmai
(Technical -Manager)

Authorized By
K.S. Lakshmi
(Lab Head)

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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	: 01246/09/25-0179NS
Test Report No	: CEL/W/01246/09/25-019NS
Report Issued Date:	: 30.09.2025
Your Reference	: Nil
Date of Receipt	: 25.09.2025

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

Date of Registration	25.09.2025
Date of Commencement of Testing	25.09.2025
Date of Completion of Testing	30.09.2025
Sample Condition of Receipt	Found Ok

Sample Tested as Received Basis

Sampling Details

Date of Sampling :24.09.2025	**Environment Condition:** Temperature :29.5^0 C, Humidity: 52%
Sampling Method: APHA 24th 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	50	5000

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

Verified By
Sahadevudu
(Sr. Microbiologist)

Authorized By
Poonam Lata
(Lab Incharge- Microbiology)

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TC- 14660

TEST REPORT

		Issued Date:	03.10.2025
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**	**TC1466025000003834F**
		Sample Registration No	01252/09/25-001
		Test Report No	CEL /AAQ/01252/09/25-001
		Sample Description	**Ambient Air Quality**
		Sample Location	**Greenko AP01 Executive Camp**
Subcontract Test	NA	Sample Condition when received	At Good Condition
Sample Collection Date	29.09.2025	Ambient Temperature °C	29°C
Sample Registration Date	30.09.2025	Weather Condition	Clear
Analysis Completion Date	03.10.2025	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_{10})	IS 5182 (Part 23) -2006	$\mu g/m^3$	<100	39.4
2	Particulate Matter ($PM_{2.5}$)	IS 5182 (Part 24) -2019	$\mu g/m^3$	<60	20.6
3	Sulphur Dioxide (SO_2)	IS 5182 (Part 2) –2023	$\mu g/m^3$	<80	7.2
4	Nitrogen Dioxide (NO_2)	IS 5182 (Part 6)-2006	$\mu g/m^3$	<80	14.3
5	Ammonia (NH_3)	IS 5182 (Part 25)-2018	$\mu g/m^3$	< 400	1.74
6	Ozone (O_3)/ 8 hours	IS:5182(Part-9) 1974, Ra 2009	$\mu g/m^3$	< 100	1.60
7	Lead (Pb)	IS:5182(Part -22) -2019	$\mu g/m^3$	< 1.0	< 0.1
8	Nickel (Ni)	IS:5182(Part -26) -2020	ng/m^3	< 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.Jyothirmai
(Technical -Manager)

Authorized By
K.S. Lakshmi
(Lab Head)

AR CLEAN ENVIRO LABS LLP HYDERABAD

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

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E-mail : cleanenvirolabs@gmail.com
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TEST REPORT

		Issued Date:	03.10.2025
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 No	01252/09/25-001NS
		Test Report No	CEL /AAQ/01252/09/25-001NS
		Sample Description	**Ambient Air Quality**
		Sample Location	**Greenko AP01 Executive Camp**
Subcontract Test	NA	Sample Condition when received	At Good Condition
Sample Collection Date	29.09.2025	Ambient Temperature °C	29°C
Sample Registration Date	30.09.2025	Weather Condition	Clear
Analysis Completion Date	03.10.2025	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^3	< 2.0	0.78
2	Benzene	IS:5182(Part -11) 2006	$\mu g/m^3$	< 5.0	< 0.1
3	Benzo (a)Pyrene	IS:5182(Part -11) 2006	ng/m^3	< 1.0	< 0.1
4	Arsenic (As)	IS:5182(Part -11) 2006	ng/m^3	< 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. Jyothirmai
(Technical -Manager)

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

Authorized By
K.S. Lakshmi
(Lab Head)

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TC- 14660

TEST REPORT

		Issued Date:	03.10.2025
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**	**TC1466025000003835F**
		Sample Registration No	01252/09/25-002
		Test Report No	CEL /AAQ/01252/09/25-002
		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	29.09.2025	Ambient Temperature °C	29°C
Sample Registration Date	30.09.2025	Weather Condition	Clear
Analysis Completion Date	03.10.2025	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_{10})	IS 5182 (Part 23) -2006	$\mu g/m^3$	<100	51.2
2	Particulate Matter ($PM_{2.5}$)	IS 5182 (Part 24) -2019	$\mu g/m^3$	<60	25.6
3	Sulphur Dioxide (SO_2)	IS 5182 (Part 2) –2023	$\mu g/m^3$	<80	11.8
4	Nitrogen Dioxide (NO_2)	IS 5182 (Part 6)-2006	$\mu g/m^3$	<80	16.4
5	Ammonia (NH_3)	IS 5182 (Part 25)-2018	$\mu g/m^3$	< 400	1.60
6	Ozone (O_3)/ 8 hours	IS:5182(Part-9) 1974, Ra 2009	$\mu g/m^3$	< 100	1.56
7	Lead (Pb)	IS:5182(Part -22) -2019	$\mu g/m^3$	< 1.0	< 0.1
8	Nickel (Ni)	IS:5182(Part -26) -2020	ng/m^3	< 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.Jyothirmai
(Technical -Manager)

Authorized By
K.S. Lakshmi
(Lab Head)

AR CLEAN ENVIRO LABS LLP HYDERABAD

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

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TEST REPORT

		Issued Date:	03.10.2025
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 No	01252/09/25-002NS
		Test Report No	CEL /AAQ/01252/09/25-002NS
		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	29.09.2025	Ambient Temperature °C	29°C
Sample Registration Date	30.09.2025	Weather Condition	Clear
Analysis Completion Date	03.10.2025	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^3	< 2.0	0.95
2	Benzene	IS:5182(Part -11) 2006	$\mu g/m^3$	< 5.0	< 0.1
3	Benzo (a)Pyrene	IS:5182(Part -11) 2006	ng/m^3	< 1.0	< 0.1
4	Arsenic (As)	IS:5182(Part -22) 2006	ng/m^3	< 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/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. Jyothirmai
(Technical -Manager)

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Authorized By
K.S. Lakshmi
(Lab Head)

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

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TC- 14660

TEST REPORT

		Issued Date:	03.10.2025
		ULR NO	**TC1466025000003836F**
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 No	01252/09/25-003
		Test Report No	CEL /AAQ/01252/09/25-003
		Sample Description	**Ambient Air Quality**
		Sample Location	**Power House**
Subcontract Test	NA	Sample Condition when received	**At Good Condition**
Sample Collection Date	29.09.2025	Ambient Temperature °C	**29°C**
Sample Registration Date	30.09.2025	Weather Condition	**Clear**
Analysis Completion Date	03.10.2025	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_{10})	IS 5182 (Part 23) -2006	$\mu g/m^3$	<100	53.2
2	Particulate Matter ($PM_{2.5}$)	IS 5182 (Part 24) -2019	$\mu g/m^3$	<60	27.6
3	Sulphur Dioxide (SO_2)	IS 5182 (Part 2) –2023	$\mu g/m^3$	<80	11.5
4	Nitrogen Dioxide (NO_2)	IS 5182 (Part 6)-2006	$\mu g/m^3$	<80	15.2
5	Ammonia (NH_3)	IS 5182 (Part 25)-2018	$\mu g/m^3$	< 400	1.86
6	Ozone (O_3)/ 8 hours	IS:5182(Part-9) 1974, Ra 2009	$\mu g/m^3$	< 100	1.70
7	Lead (Pb)	IS:5182(Part -22) -2019	$\mu g/m^3$	< 1.0	< 0.1
8	Nickel (Ni)	IS:5182(Part -26) -2020	ng/m^3	< 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. Jyothirmai
(Technical -Manager)

Authorized By
K.S. Lakshmi
(Lab Head)

AR CLEAN ENVIRO LABS LLP HYDERABAD

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

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TEST REPORT

		Issued Date:	03.10.2025
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 No	01252/09/25-003NS
		Test Report No	CEL /AAQ/01252/09/25-003NS
		Sample Description	**Ambient Air Quality**
		Sample Location	**Power House**
Subcontract Test	NA	Sample Condition when received	At Good Condition
Sample Collection Date	29.09.2025	Ambient Temperature °C	29°C
Sample Registration Date	30.09.2025	Weather Condition	Clear
Analysis Completion Date	03.10.2025	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^3	< 2.0	0.83
2	Benzene	IS:5182(Part -11) 2006	$\mu g/m^3$	< 5.0	< 0.1
3	Benzo (a)Pyrene	IS:5182(Part -11) 2006	ng/m^3	< 1.0	< 0.1
4	Arsenic (As)	IS:5182(Part -22) 2006	ng/m^3	< 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. Jyothirmai
(Technical -Manager)

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

Authorized By
K.S. Lakshmi
(Lab Head)

AR CLEAN ENVIRO LABS LLP HYDERABAD

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TC- 14660

TEST REPORT

		Issued Date:	03.10.2025
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**	**TC1466025000003837F**
		Sample Registration No	01252/09/25-004
		Test Report No	CEL /AAQ/01252/09/25-004
		Sample Description	**Ambient Air Quality**
		Sample Location	**Upper Reservoir**
Subcontract Test	NA	Sample Condition when received	At Good Condition
Sample Collection Date	29.09.2025	Ambient Temperature °C	29°C
Sample Registration Date	30.09.2025	Weather Condition	Clear
Analysis Completion Date	03.10.2025	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_{10})	IS 5182 (Part 23) -2006	$\mu g/m^3$	<100	51.1
2	Particulate Matter ($PM_{2.5}$)	IS 5182 (Part 24) -2019	$\mu g/m^3$	<60	26.3
3	Sulphur Dioxide (SO_2)	IS 5182 (Part 2) –2023	$\mu g/m^3$	<80	11.2
4	Nitrogen Dioxide (NO_2)	IS 5182 (Part 6)-2006	$\mu g/m^3$	<80	19.4
5	Ammonia (NH_3)	IS 5182 (Part 25)-2018	$\mu g/m^3$	< 400	1.90
6	Ozone (O_3)/ 8 hours	IS:5182(Part-9) 1974, Ra 2009	$\mu g/m^3$	< 100	1.82
7	Lead (Pb)	IS:5182(Part -22) -2019	$\mu g/m^3$	< 1.0	< 0.1
8	Nickel (Ni)	IS:5182(Part -26) -2020	ng/m^3	< 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.Jyothirmai
(Technical -Manager)

Authorized By
K.S. Lakshmi
(Lab Head)

AR CLEAN ENVIRO LABS LLP HYDERABAD

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

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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.		Issued Date:	03.10.2025
		Sample Registration No	01252/09/25-004NS
		Test Report No	CEL /AAQ/01252/09/25-004NS
		Sample Description	**Ambient Air Quality**
		Sample Location	**Upper Reservoir**
Subcontract Test	NA	Sample Condition when received	At Good Condition
Sample Collection Date	29.09.2025	Ambient Temperature °C	29°C
Sample Registration Date	30.09.2025	Weather Condition	Clear
Analysis Completion Date	03.10.2025	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^3	< 2.0	0.85
2	Benzene	IS:5182(Part -11) 2006	µg/m^3	< 5.0	< 0.1
3	Benzo (a)Pyrene	IS:5182(Part -11) 2006	ng/m^3	< 1.0	< 0.1
4	Arsenic (As)	IS:5182(Part -11) 2006	ng/m^3	< 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. Jyothirmai
(Technical -Manager)

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

Authorized By
K.S. Lakshmi
(Lab Head)

AR CLEAN ENVIRO LABS LLP HYDERABAD

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TC- 14660

TEST REPORT

		Issued Date:	03.10.2025
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**	**TC1466025000003838F**
		Sample Registration No	01252/09/25-005
		Test Report No	CEL /AAQ/01252/09/25-005
		Sample Description	**Ambient Air Quality**
		Sample Location	**Brahmanapalle**
Subcontract Test	NA	Sample Condition when received	At Good Condition
Sample Collection Date	29.09.2025	Ambient Temperature °C	29°C
Sample Registration Date	30.09.2025	Weather Condition	Clear
Analysis Completion Date	03.10.2025	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_{10})	IS 5182 (Part 23) -2006	$\mu g/m^3$	<100	47.4
2	Particulate Matter ($PM_{2.5}$)	IS 5182 (Part 24) -2019	$\mu g/m^3$	<60	23.8
3	Sulphur Dioxide (SO_2)	IS 5182 (Part 2) –2023	$\mu g/m^3$	<80	12.6
4	Nitrogen Dioxide (NO_2)	IS 5182 (Part 6)-2006	$\mu g/m^3$	<80	17.4
5	Ammonia (NH_3)	IS 5182 (Part 25)-2018	$\mu g/m^3$	< 400	1.76
6	Ozone (O_3)/ 8 hours	IS:5182(Part-9) 1974, Ra 2009	$\mu g/m^3$	< 100	1.54
7	Lead (Pb)	IS:5182(Part -22) -2019	$\mu g/m^3$	< 1.0	< 0.1
8	Nickel (Ni)	IS:5182(Part -26) -2020	ng/m^3	< 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.Jyothirmai
(Technical -Manager)

Authorized By
K.S. Lakshmi
(Lab Head)

AR CLEAN ENVIRO LABS LLP HYDERABAD

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

F/7.8/03 Issue No & Date: 03&01.09.2024 Amend No. & Date: 00 & 00

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TEST REPORT

		Issued Date:	03.10.2025
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 No	01252/09/25-005NS
		Test Report No	CEL /AAQ/01252/09/25-005NS
		Sample Description	**Ambient Air Quality**
		Sample Location	**Brahmanapalle**
Subcontract Test	NA	Sample Condition when received	At Good Condition
Sample Collection Date	29.09.2025	Ambient Temperature °C	29°C
Sample Registration Date	30.09.2025	Weather Condition	Clear
Analysis Completion Date	03.10.2025	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^3	< 2.0	0.92
2	Benzene	IS:5182(Part -11) 2006	$\mu g/m^3$	< 5.0	< 0.1
3	Benzo (a)Pyrene	IS:5182(Part -11) 2006	ng/m^3	< 1.0	< 0.1
4	Arsenic (As)	IS:5182(Part -11) 2006	ng/m^3	< 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. Jyothirmai
(Technical -Manager)

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

Authorized By
K.S. Lakshmi
(Lab Head)

AR CLEAN ENVIRO LABS LLP HYDERABAD

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

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www.arcleanenvirolabs.com

TC- 14660

TEST REPORT

		Issued Date:	03.10.2025
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**	**TC1466025000003839F**
		Sample Registration No	01252/09/25-006
		Test Report No	CEL /AAQ/01252/09/25-006
		Sample Description	**Ambient Air Quality**
		Sample Location	**CPSS**
Subcontract Test	NA	Sample Condition when received	At Good Condition
Sample Collection Date	29.09.2025	Ambient Temperature °C	29°C
Sample Registration Date	30.09.2025	Weather Condition	Clear
Analysis Completion Date	03.10.2025	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_{10})	IS 5182 (Part 23) -2006	$\mu g/m^3$	<100	53.3
2	Particulate Matter ($PM_{2.5}$)	IS 5182 (Part 24) -2019	$\mu g/m^3$	<60	30.1
3	Sulphur Dioxide (SO_2)	IS 5182 (Part 2) –2023	$\mu g/m^3$	<80	13.4
4	Nitrogen Dioxide (NO_2)	IS 5182 (Part 6)-2006	$\mu g/m^3$	<80	21.6
5	Ammonia (NH_3)	IS 5182 (Part 25)-2018	$\mu g/m^3$	< 400	2.0
6	Ozone (O_3)/ 8 hours	IS:5182(Part-9) 1974, Ra 2009	$\mu g/m^3$	< 100	1.88
7	Lead (Pb)	IS:5182(Part -22) -2019	$\mu g/m^3$	< 1.0	< 0.1
8	Nickel (Ni)	IS:5182(Part -26) -2020	ng/m^3	< 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. Jyothirmai
(Technical -Manager)

Authorized By
K.S. Lakshmi
(Lab Head)

AR CLEAN ENVIRO LABS LLP HYDERABAD

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

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E-mail : cleanenvirolabs@gmail.com
www.arcleanenvirolabs.in

TEST REPORT

		Issued Date:	03.10.2025
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 No	01252/09/25-006NS
		Test Report No	CEL /AAQ/01252/09/25-006NS
		Sample Description	**Ambient Air Quality**
		Sample Location	**CPSS**
Subcontract Test	NA	Sample Condition when received	At Good Condition
Sample Collection Date	29.09.2025	Ambient Temperature °C	29°C
Sample Registration Date	30.09.2025	Weather Condition	Clear
Analysis Completion Date	03.10.2025	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^3	< 2.0	1.0
2	Benzene	IS:5182(Part -11) 2006	µg/m^3	< 5.0	< 0.1
3	Benzo (a)Pyrene	IS:5182(Part -11) 2006	ng/m^3	< 1.0	< 0.1
4	Arsenic (As)	IS:5182(Part -22) 2006	ng/m^3	< 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
T. Jyothirmai
(Technical -Manager)

Authorized By
K.S. Lakshmi
(Lab Head)

AR CLEAN ENVIRO LABS LLP HYDERABAD

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

DEADLINE EXTENDED Tickets booked for APSRTC services post-lockdown can now be cancelled till September 14 as against the earlier deadline of August 29. The decision was taken as several passengers are yet to cancel their bookings, the RTC said in a statement.

Active coronavirus cases cross 1 lakh

State adds over 10,000 infections for sixth consecutive day, tests 56,490 samples in 24 hours

EXPRESS NEWS SERVICE @ Vijayawada

FOR the sixth day in a row, more than 10,000 fresh cases were reported, as the state's Covid-19 graph continued its steep spiral to reach 4,34,771 on Monday. Four districts contributed 1,000 new infections each.

Though recoveries have been on the higher side for the past few days, the spike of over 10,000 cases daily resulted in active cases crossing the one lakh-mark.

According to the latest bulletin by the State Command Control Room, 56,490 samples were tested in the 24 hours ending Monday 9 am, out of which 10,004 returned positive. Along with East Godavari, Nellore, Srikakulam and West Godavari too recorded over 1,000 new infections.

As many as 1,383 people tested positive in East Godavari in the 24 hours, followed by 1,142 in West Godavari, 1,086 in Nellore and 1,023 in Srikakulam district. Krishna district, with 159 new cases, saw the least spike. With 540 new cases, the tally in Vizianagaram district crossed 20,000; Nellore's cumulative cases breached the 30,000-mark.

With as many as 8,772 patients getting discharged from hospitals in the same period, the total recoveries climbed to 3.30 lakh, leaving 1,00,276 active cases.

Meanwhile, the death of another 85 patients in the state took the Covid toll in the state to 3,969.

In the 24 hours, Nellore reported the highest number of deaths (12), followed by nine each in Chittoor and Prakasam districts; eight in Kadapa; seven each in Anantapur, East Godavari, Guntur and West Godavari; six each in Kurnool and Visakhapatnam; four in Krishna, two in Vizianagaram and one in Vizianagaram district.

Chittoor district has seen most Covid deaths so far (415).

Shielding themselves with face masks, people go about their business at APSRTC bus station in Tirupati on Monday | MADHAV K

TRACKING STATE'S COVID DATA

DISTRICT	New cases	Total cases	New deaths	Total deaths
Anantapur	973	41,128	7	330
Chittoor	936	36649	9	415
East Godavari	1383	59403	7	391
Guntur	498	35761	7	376
Kadapa	420	26119	8	220
Krishna	159	16248	2	278
Kurnool	686	44745	6	378
Nellore	1086	30680	12	294
Prakasam	524	22380	9	284
Srikakulam	1023	24078	4	243
Visakhapatnam	634	36694	6	289
Vizianagaram	540	20399	1	164
West Godavari	1142	37106	7	307
Other States	0	2,461	0	0
Other countries	0	434	0	0

Viral watch

10,004 new cases

56,490 samples tested in 24 hrs

8,772 recoveries | 85 deaths

37,22,912 total samples tested | 4,34,771 total positive cases | 3,30,526 total recoveries

69,717 tests per million | 3,969 toll | 1,00,276 active cases

53.4% population per million tested | 11.68% positivity rate | 76.02% recovery rate | 0.91% mortality rate

10K litre oxygen tank comes up

EXPRESS NEWS SERVICE @ Nellore

TO augment the availability of oxygen beds, a 10,000-litre liquid oxygen tank was installed on the premises of government general hospital (GGH) in Nellore. The GGH currently has 324 oxygen beds (150 in ICU unit and 196 in non-ICU unit).

Meanwhile, the district reported 1,086 coronavirus cases on Monday, pushing the count to 32,196. With the discharge of 24,143 persons so far, the district now has 8,053 active cases. The medical teams have so far collected 2,69,223 throat swab samples. It may be mentioned that there are 2,340 oxygen beds in Covid-19 hospitals across the district and 2,219 non-oxygen beds in Covid care centres. The district administration has procured sufficient number of oxygen cylinders to support patients.

JEE: Expect staggered entry/exit at exam centres

A look at other guidelines

Candidates must fill self-declaration forms stating that they do not have any symptoms of Covid-19, have not travelled in the last 14 days and have not come in contact with any positive-tested person recently.

Once the exam finishes, they will have to exit the premises in a staggered manner

They will be given three-layered masks before entering the examination centre

All candidates will be checked for body temperatures

Separate isolation rooms for those with symptoms

EXPRESS NEWS SERVICE @ Vijayawada

WITH Joint Entrance Examination (JEE) Mains scheduled to start from Tuesday, candidates, this year, will have to follow some additional rules imposed in the wake of Covid-19.

The National Testing Agency (NTA), on the suggestions of the Ministries of Home Affairs and Health, has listed a few regulations with respect to physical distancing norm to be followed by students at exam centres.

Students have been given time slots to reach their respective centres so as to ensure that there is no crowding at entry points. Generally, the candidates are asked to arrive at their allotted centres half-an-hour before commencement of the examination. This time, they must reach during their allotted time slots beginning 8 am. Moreover, the exam will be conducted in two shifts—9 am to 12 pm and 3 pm to 6 pm. Parents/guardians have been instructed not to wait at the centres.

"Parents should leave the premises after dropping their wards. It is better if they wait outside the premises, not in groups but separately, for picking their kids after the exam ends," said NTA director general Dr. Vineet Joshi during a recent press meet. He said the total number of centres across the country have been increased to 660.

DY CM SAYS

Shops can be opened till 4 pm in Kadapa dist

EXPRESS NEWS SERVICE @ Kadapa

DEPUTY Chief Minister SB Amzad Basha sought people's cooperation to curb the spread of coronavirus in the district.

The Deputy CM, along with Sub-Collector Pridvi Tej, held a meeting with the task force committee here on Monday. Addressing the officials, Amzad Basha said the city reported 6,373 coronavirus cases so far. With the discharge of 3,853 persons, the city has now 2,449 active cases.

He said that due to relaxation in lockdown, shops can be opened till 4 pm. He directed the staff at PHCs to test 50 samples each every day. He praised Chief Minister YS Jagan Mohan Reddy for introducing Sanjeevani buses to conduct Covid-19 tests.

Amzad Basha instructed the officials to inform the public about the entire week's schedule of Sanjeevani buses. Covid-19 tests should be conducted on a priority basis to people above 60 years, he explained.

The Deputy CM said symptomatic persons below 40 years can stay in home isolation.

Lack of bookings hits hotels hard

EXPRESS NEWS SERVICE @ Tirupati

ALREADY unsettled by a pandemic, hospitality sector in the temple town is unlikely to see a revival anytime soon as bookings for hotels are still significantly low even several relaxations in restrictions later.

Pilgrims, both local and global, come to Tirupati to visit the Tirumala temple, and stay at two five-star, 16 three-star and 160 one-star hotels. However, a majority of the hotels are struggling to fill even 20-30 per cent of occupancy.

In off-season, occupancy is around 60-70 per cent, which increases to 85-90 per cent during Bramhotsavams. However, the pandemic has changed the situation. "A majority of single-star hotels are getting only five per cent occupancy even after the ease of restrictions. These establishments opened to almost no bookings as the pilgrimage to Tirumala had been put on halt. Not just for the owners, but the situation is equally troublesome for employees," said Sasidhar, a member of Tirumala-Tirupati Hotels' Association, and demanded that the state government bail them out financially.

A majority of single-star hotels are getting only five per cent occupancy even after the ease of restrictions. These establishments opened to almost no bookings as the pilgrimage

Sasidhar, a member of local hotels' assn

The average time a visiting family spends in the temple town is two days, during which they visit all major temples here.

Hotels here employ 3,000-3,500 cooks, electricians, service boys and others who work in similar roles.

"I have been working in the maintenance section of hotels for the last 15 years. I and other employees have not got our salaries for four months now. Despite that, the management is asking us to come back to work and it would be paying only half our salaries until the situation improves," said K Nagaraju.

వివాహిత బలవన్మరణం

కోవెలకుంట్ల: మండలంలోని వీముసిపాడు గ్రామానికి చెందిన ఓ వివాహిత బలవన్మరణానికి పాల్పడింది. ఎస్ఐ చంద్రశేఖర్‌రెడ్డి అందించిన సమాచారం మేరకు.. గ్రామానికి చెందిన జోగి క్రాంతికుమారి(27) అనే మహిళను ఆమె భర్త మహేష్, బావ హరి కొన్ని రోజులుగా మానసికంగా, శారీరకంగా వేధిస్తుండటంతో జీవితం పై విరక్తి చెంది ఆదివారం రాత్రి క్రిమి సంహారక గుళికలు మింగి ఆసుస్వారక స్థితికి చేరుకుంది. చికిత్స నిమిత్తం ఆమెను నంద్యాల ప్రభుత్వాసుపత్రికి తరలించగా కోలుకోలేక మృతి చెందింది. తన కుమార్తె మృతికి భర్త, బావ, మరో ఎదురు కారణమని మృతురాలి తల్లి లలితమ్మ కోవెలకుంట్ల పోలీస్‌స్టేషన్‌లో ఫిర్యాదు చేసింది. ఈ మేరకు కేసు నమోదు చేసి దర్యాప్తు చేస్తున్నట్లు ఎస్ఐ తెలిపారు.

అవమాన భారంతో..

తుగ్గలి: అవమాన భారంతో ఓ మహిళ ఆత్మహత్యకు పాల్పడింది. ఎల్లమ్మనుట్ల తండాకు చెందిన రమావత్‌లక్ష్మీబాయి (35) తన కూతురు కవితను ఆదే తండాకు చెందిన దేవేంద్రనాయక్‌కు ఇచ్చి రెండేళ్ల క్రితం వివాహం చేసింది. ఆదివారం రాత్రి ఇంట్లో ఎవరూ లేని సమయంలో అల్లుడు లక్ష్మీబాయి చేయిదాగి బలాత్కరించబోయాడు. ఆమె ప్రతిఘటించడంతో బయటకు వరుగులు తీశాడు. జరిగిన ఘటనను అవమానంగా భావించి లక్ష్మీబాయి ఇంట్లోనే చీరతో ఉరేసుకుని ఆత్మహత్య చేసుకుంది. భర్త కృష్ణానాయక్ ఫిర్యాదు మేరకు కేసు నమోదు చేసుకుని దర్యాప్తు చేస్తున్నట్లు కొన్నురి పోలీసులు తెలిపారు.

ఆత్మహత్య చేసుకున్న లక్ష్మీబాయి

పేదరికమే శాపమై.
పేగుబంధం భారమై..

- 3 రోజుల పసికందును వదిలేసిన దంపతులు
- స్థానికుల సాయంతో శిశుసంరక్షణ కేంద్రానికి తరలింపు

ఆత్మకూరు: నవమాసాలు మోసి పండంటి బిడ్డను జన్మనిచ్చింది ఆమె. పేగు బంధాన్ని చూసి సంబరపడాల్సిన ఆ దంపతుల్లో ఏదో తెలియని ఆందోళన. బతుకు దెరువు కోసం ఊరుకాని ఊరికొచ్చారు. పనిచేస్తే కానీ పూటగడవదు. ఇలాంటి పరిస్థితుల్లో పిల్లలను ఎలా పోషించుకోవాలని మదన పడ్డారు. ప్రత్యామ్నాయం కనిపించకపోవడంతో చివరకు పేగు బంధాన్నే వదులుకున్నారు. ఈ సంఘటన ఆత్మకూరు పట్టణంలో చోటు చేసుకుంది.

ఒడిశా రాష్ట్రం నుంచి మానిక్, రమేష్ దంపతులు బతుకుదెరువు కోసం ఆత్మకూరుకు వలస వచ్చారు. డ్రైనేజీ నిర్మాణ పనులకు వెళ్తూ జీవనం సాగిస్తున్నారు. మానిక ఈ నెల 28 వ తేదీన ఆత్మకూరు ప్రభుత్వ వైద్యశాలలో మగబిడ్డకు జన్మనిచ్చింది. 3 రోజుల తర్వాత ఆసుపత్రి నుంచి డిశ్చార్జ్ అయి సాయిబాబానగర్‌లోని ఇంటికి చేరుకున్నారు. అప్పటికే ఈ దంపతులకు ఇద్దరు మగపిల్లలు ఉన్నారు. ప్రస్తుత కుటుంబ ఆర్థిక పరిస్థితుల్లో మూడో సంతానాన్ని పోషించే మార్గం కనిపించలేదు. దీంతో సోమవారం కరివేన గ్రామం శ్రీలక్ష్మీనరసింహాస్వామి దేవాలయం సమీపంలో బిడ్డను వదిలి వెళ్లారు. అటు వైపు వెళ్తున్న ఎల్‌ఐసీ ఉద్యోగి అంజనేయులు పసికందు ఏడుపులు విని ఆత్మకూరు ఎస్ఐ నాగేంద్ర ప్రసాద్‌కు సమాచారం అందజేశారు. పోలీసులు హుటాహుటిన అక్కడికి చేరుకుని ఆ పసికందును ఆత్మకూరు ప్రభుత్వ వైద్యశాలకు తీసుకెళ్లి వైద్యమందించారు. తర్వాత అదా తీసి పసికందు తల్లిదండ్రులను పిలిపించి విచారించారు. తమది పేద కుటుంబమని, ఇప్పటికే ఇద్దరు మగపిల్లలు ఉన్నారని, ఈ పిల్లవాడిని తాము పోషించుకోలేమని చెప్పారు. చేసేదేమీ లేక శిశువును ఆత్మకూరు ఎస్‌డీఎస్ సేవాసమితి, లావణ్య సాయంతో కర్నూలు శిశుసంరక్షణా కేంద్రానికి తరలించారు.

ఏసీడీఎస్ సీడీపీవో లావణ్యకు పసికందును అప్పగిస్తున్న ఆత్మకూరు ఎస్‌ఐ నాగేంద్రప్రసాద్, హోంగార్డ్ అమీర్

నెం. ఇ-12011/12/2018-ఐఏ-I (ఆర్)

భారత ప్రభుత్వం

పర్యావరణం, అడవులు & వాతావరణ మార్పు మంత్రిత్వ శాఖ

(ఐఏ.I డివిజన్)

ఇందిరా పర్యావరణ్ భవన్
3వ అంతస్తు, వాయు వింగ్,
కోర్‌వింగ్ రోడ్‌స్కూల్ ఫీల్డ్-3,
తేదీ: 14 జూలై, 2020

TO
M/s. గ్రీన్‌కోఎనర్జీస్ ప్రైవేట్ లిమిటెడ్,
ఫ్లాట్ నెం.1071, రోడ్‌నెంబర్.44,
జూబ్లీ హిల్స్, హైదరాబాద్- 500033
తెలంగాణ
ఇమెయిల్:- envifor.irepap@greenkoenergyprojects.com

విషయం:పర్యావరణ అనుమతికి సంబంధించి పెంపర్డ్ గ్రీన్‌కో ఎనర్జీస్ ప్రైవేట్ లిమిటెడ్ ద్వారా ప్రతిపాదించబడిన పిన్నాపురం ఇంటిగ్రేటెడ్ ఆల్‌ఎనర్జీ - స్టోరేజ్ ప్రాజెక్ట్ (1200 మెగావాట్లు), నంద్యాల తహసీల్, కర్నూలు జిల్లా, ఆంధ్రప్రదేశ్

సర్,

పైన తెలిపిన విషయానికి సంబంధించిన మీ ఇన్‌పుట్ ప్రతిపాదన నంబరు IA/AP/RIV/85218/2018 మరియు మీ లెటర్ నంబరు IREP/MoEF&CC/ EC/201811 13 తేదీ: 13.11.2018కు ఇది సంబంధం

2. పైన తెలిపిన ప్రతిపాదన రివర్ బ్యాసిన్ & ప్రైవేట్ ఎంట్రీస్ ప్రాజెక్ట్ కోసం ఎక్స్‌పర్ట్ అప్రైజల్‌కమిటీ (EAC)కి 27.11.2018న జరిగిన వారి 20వ సమావేశంలో పరిశీలించబడింది. ప్రాజెక్ట్‌పై ఇచ్చి ప్రాజెక్షన్ మరియు పరిశీలనను సమావేశ కార్యవిపరణలు (Minutes)లో చూడవచ్చును. అని ఈ మంత్రిత్వ శాఖ వెబ్‌సైట్‌లో అప్‌లోడ్ చేస్తాయి.

3. పిన్నాపురం IREP పొర, వాయు మరియు పంప్డ్ స్టోరేజ్ కాంపోనెంట్స్‌తో సమీకృత ప్రాజెక్ట్‌గా రూపొందించబడింది. 64-1లో అభివృద్ధి చేయబడే 1000 మెగావాట్ల పొర, 550 మెగావాట్ల వాయు & 1200 మెగావాట్ల స్టాండ్‌ఎలోన్ పంప్డ్ స్టోరేజ్ సామర్థ్యాలతో అం.ప్ర. ప్రభుత్వం ఈ ప్రాజెక్టును ఆమోదించింది. పిన్నాపురం IREP యొక్క అన్ని మూడు కాంపోనెంట్స్ ఒకదానికి ఒకటి ఆనుకుని ఉన్నాయి. మరియు అందు వలన అన్ని మూడు కాంపోనెంట్స్ నుండి విద్యుత్ కామన్ పూలింగ్ స్టేషన్‌లోకి సమీకృతం చేయబడుతుంది. మరియు జాతీయ గ్రిడ్‌లోకి తరువని సరఫరా చేయడానికి ఓపన్‌కాస్ట్ వద్ద PGCIL/CTU గుర్తింపబడిన కలుపబడుతుంది. ప్రతిపాదిత స్టాండ్ ఎలోన్ పంప్డ్ స్టోరేజ్ ప్రాజెక్ట్ (1200 మెగావాట్ల) పిన్నాపురం ఇంటిగ్రేటెడ్ రెన్యువబుల్ ఎనర్జీ ప్రాజెక్ట్ (IREP) లో భాగం, స్టాండ్‌ఎలోన్ పంప్డ్ స్టోరేజ్ కాంపోనెంట్‌కు మాత్రమే పర్యావరణ అనుమతి కోరబడింది. ప్రతిపాదిత ప్రాజెక్ట్ అంధ్రప్రదేశ్ రాష్ట్రంలోని కర్నూలు జిల్లా పాణ్యం మండలంలోని పిన్నాపురం గ్రామం సమీపన ఉంది.

4. పిన్నాపురం అల్‌రేఎ 1000మెగావాట్ల ప్రాజెక్ట్ కూడా విరాడ నిబంధనల (టీఒఆర్) పర్యావరణం, అడవులు మరియు వాతావరణ మార్పు మంత్రిత్వ శాఖ(MoEF&CC) భారత ప్రభుత్వంచే లెటర్ నెం J-12011/12/2018-IA. I(R). తేదీ: 17.05.2018 ద్వారా ఇవ్వబడింది.. తదుపరి స్థాపన సామర్థ్యం ప్రతీకం, భూమి మొత్తం వాటిలో మార్పునకు పిన్నాపురం IREP ప్రాజెక్ట్ యొక్క స్టాండ్‌ఎలోన్ పంప్డ్ స్టోరేజ్ కాంపోనెంట్ (1200 మెగావాట్ల) కోసం TOR కు సవరణ లెటర్ నెం.J-12011/12/2018-IA. I (R) తేదీ: 25.09.2018 ప్రకారం ఈ మంత్రిత్వ శాఖచే ఇవ్వబడింది. మందల పరివేష్ అప్డర్ ప్రైమరీ స్కూల్ సమీపన, పిన్నాపురం పాణ్యం మండలం, కర్నూలు జిల్లా, ఆంధ్రప్రదేశ్‌లో 02.11.2018న బహిరంగ విచారణ జరుపబడింది. ఇంఎ నివేదిక మంత్రిత్వ శాఖకు 13.11.2018న రాజాలు చేయబడినది.

5. EIA నివేదికలో ప్రాజెక్ట్ ప్రపోనెంట్(PP) రాజాలు చేయబడింది మరియు అంధ్రప్రదేశ్ రాష్ట్రంలోని కర్నూలు నుంచి సుమారు 81 కి.మీ. దూరంలో ఉన్న పాణ్యం మండలంలోని పిన్నాపురం గ్రామం సమీపన రెండు కొత్త రిజర్వాయర్ల కల్పనను ప్రాజెక్ట్ ఆమోదాన్లోనుంది 20వ సమావేశంలో ఇవ్వబడినది. అందులో పిన్నాపురం అప్పర్ రిజర్వాయర్ నిర్మించుటకు ప్రస్తుతం ఉన్న గోరకల్లు రిజర్వాయర్ నుంది తీసుకొనబడే 1.20 TMCలు ఉపయోగించి రీజీ పుడు చేయుటగంటో ప్రమేయం కలిగి ఉంది. ప్రతిపాదిత పిన్నాపురం అప్పర్ రిజర్వాయర్ భౌగోళిక సమన్వయాలు లాంగిట్యూడ్ 78° 15'13" మరియు లాటిట్యూడ్ 15° 36' 26" ఉత్తరం మరియు లోయర్ రిజర్వాయర్ 78° 15' 30" తూర్పు మరియు 15° 37' 26" ఉత్తరం, అప్పర్ రిజర్వాయర్ యొక్క ఫుల్ రిజర్వాయర్ స్థాయి మరియు నల్లల నిల్వ సామర్థ్యం వరుసగా EL +463.00మీ. మరియు 1.37 TMC లోయర్ రిజర్వాయర్ యొక్క ఫుల్ రిజర్వాయర్ స్థాయి మరియు నల్లల నిల్వ సామర్థ్యం వరుసగా EL +340.00మీ. మరియు 1.42 TMC. ఈ ప్రతిపాదిత లోయర్ రిజర్వాయర్‌లో గరిష్టంగా 33మీ. ఎత్తుతో సుమారుగా 12 మీ. నుంచి 14 మీ. వరకుగల ఎత్తు గల మరియు అప్పర్ రిజర్వాయర్‌లో అతి తక్కువ దూరానికి 35 మీ. 41మీ. ఎత్తుగల ఆర్.సి.సి. ఆప్రికోట్ ట్రక్చర్ గల రాక్‌ఫిల్ ఎంబాంక్‌మెంట్స్ 760మీ. పొడవు గల మరియు 7.0 మీ. రహదారిలతో ఇన్‌క్లయిన్డ్ సర్ఫేస్ ట్రీట్ ట్రెస్ట్ ఇన్ క్లైన్/ (రైజ్ షాఫ్ట్ ప్లస్ 200మెగావాట్ల గల ఒక్కొక్క యూనిట్ కోసం 6 నెంబర్ల మరియు 100 మెగావాట్ల గల రెండు యూనిట్లకు పీట్ చేయబడుకు రెండు పిన్ షాఫ్ట్‌లోకి ఒకటిగా విభజించబడి. ఒక్కొక్కటి 200 మెగావాట్ల సామర్థ్యం గల 5 మరియు ఒక్కొక్కటి 100 మెగావాట్ల సామర్థ్యం గల రివర్సబుల్ ఫ్రాన్సిస్ టర్బైన్ 2 మెత్తం 7 నెంబర్లు, జెనరేటింగ్ మోడ్‌లో 119.27మీ. మరియు పంపింగ్ మోడ్ క్రింద 125.77 మీ. రేటెడ్ హెడ్ క్రింద ఆపరేటింగ్, లోయర్ రిజర్వాయర్‌కు ట్రైల్ రోడ్ రాంప్ సౌలభ్యం కల్పించుటకు 1300 మరియు 6.00మీ. పొడవుగల FSDతో 70 మీ. వెడల్పు గల కాంక్రీట్ బ్లైండ్ టైపుల్ రోడ్ రాంప్ సౌలభ్య సర్ఫేస్ పవర్ హౌస్ నిర్మాణం తలిపించబడుతోంది.

6. పిన్నాపురం IREP కి స్టాండ్‌ఎలోన్ పంప్డ్ స్టోరేజ్ కాంపోనెంట్ అభివృద్ధి కోసం PP దరఖాస్తు చేయబడింది. ప్రాజెక్ట్ కాంపోనెంట్స్ రిజర్వాయర్ ఏరియా మేజ్ రహదారి, క్వారీయింగ్, క్వాంపులు మరియు కాంపీ నిర్మాణం మొదలైన వాటి నిర్మాణానికి భూమి కేటాయించవలసి వుంది. ఈవి ప్రాజెక్ట్ లేఔట్ పై ఆధారపడి భూమి అవశ్యకత 713.65 హెక్టార్లుగా ఖరారు చేయబడింది. ప్రతిపాదన నంబరు FP/AP/HYD/35371/2018 తేదీ: 28.08.2018 ప్రకారం 365.66 హెక్టార్ల అటవీ భూమి మళ్ళింపునకు ఆన్‌లైన్ దరఖాస్తు రాజాలు చేయబడింది. M/s గ్రీన్‌కో ఎనర్జీస్ ప్రైవేట్ లిమిటెడ్ పేరున ఆంధ్రప్రదేశ్ రాష్ట్రంలో కర్నూలు జిల్లా, కర్నూలు ఫారెస్ట్ డివిజన్‌లో, పంప్డ్ స్టోరేజ్ ప్రాజెక్ట్ నిర్మాణానికి 365.66 హెక్టార్ల అటవీ భూమి మళ్ళింపునకు పర్యావరణ, అడవులు & వాతావరణ మార్పు మంత్రిత్వ శాఖ నూత్ర ప్రాయంగా 23.04.2020న ఆమోదం తెలియజేసింది. ప్రాజెక్ట్ ఏరియా 1181.మీ. పరిధిలో సేమ్‌నల్ పల్లి / వప్పపాటి అభయారణ్యం కేవని పి.పి. రాజులు చేయబడింది. పిన్నాపురం IREP ప్రాజెక్ట్ యొక్క లోయర్ రిజర్వాయర్ ఏరియా నుంది సుమారుగా 11.50 కి.మీల దూరంలో లోత్తపాడు వన్యప్రాణి అాశ్యువరీ ఉంది. ప్రాజెక్ట్ మొత్తం వ్యయం 5468.03 కోట్లు

7. **ప్రాజెక్ట్ ప్రమోనెంట్:-** పిన్నాపురం IREP పొర, వాయు మరియు పంప్డ్ స్టోరేజ్ కాంపోనెంట్స్‌తో సమీకృత ప్రాజెక్ట్‌గా రూపొందించబడింది. అని ఏజెన్సీలలో పవర్ ఆన్ డిమాండ్ (SPOD) ను సరఫరా చేయుటకు అని ట్రీట్మెంట్ చేయగల & ఏజెన్సీలు చేయగల రిన్యువబుల్ ఎనర్జీ. ఈ ప్రాజెక్ట్ నిర్మాణ కాలంలో (2000) మందికి, నిర్వహణ కాలంలో (350) మందికి మొత్తం 2350 మందికి ఉపాధి కల్పిస్తుంది.

8. ఈ ప్రతిపాదన ఐతకుముందు 27.11.20185 జరిగిన 20వ EAC సమావేశంలో పరిశీలించబడింది. ప్రజలను సంప్రదించడంతో పాటు వివి రీతా రాజులు చేయబడిన విధంగా ప్రాజెక్ట్‌కు సంబంధించిన అన్ని వాస్తవాలను పరిశీలించిన తర్వాత, సవివరమైన సమాలోచనల తర్వాత పర్యావరణ అనుమతి మంజూరు కోసం EAC, సిఫారసు చేసింది. ఆ ప్రకారం పర్యావరణ ప్రభావ మరియు ప్రణాళిక 2006 నిబంధనల మరియు దాని తదుపరి సవరణల ప్రకారం Annexure-I లో పేర్కొన్న విధంగా ప్రామాణిక పర్యావరణ నిబంధనలు మరియు దిగువ అదనపు నిబంధనలను లోబడి, పై ప్రాజెక్ట్ కోసం .పర్యావరణ, అడవులు, మరియు వాతావరణ మార్పు మంత్రిత్వ శాఖ పర్యావరణ అనుమతిని మంజూరు చేసింది.

i. గోరకల్లు రిజర్వాయర్ నుంది వినియోగించని ప్రతిపాదిక్షై 1.2 TMCల నీటి కేటాయింపు కోసం సమగ్ర ప్రతిపాదన నుంది ఆమోదం పొందాలి.

ii. EIA / EMP నివేదికలో రాజాలు చేసిన విధంగా ఎన్విరాన్‌మెంటల్ మేనేజ్‌మెంట్ ప్లాన్(EMP) ఖర్చుతగా పాటించాలి మరియు EMP అమలు కోసం బడ్జెటరీ ఎక్సాలు రూ.11839.65 లక్షల మొత్తాన్ని పూర్తగా వినియోగించుకోవాలి మరియు మరే ఇతర అవసరానికి మళ్ళించరాదు. ధరస్థాయి మార్పు కారణంగా లేదా ప్రాజెక్ట్ వ్యయం సవరించిన సందర్భంలో ఇంపి వ్యయానికి దామాషా ప్రాతరం అమలేట్ చేయాలి.

iii. మంత్రిత్వ శాఖ కార్యాలయం మెమొరాండం తేదీ:01 మే-2018 ప్రకారం ప్రతిపాదిత కార్యకలాపాల కోసం కార్పొరేట్ ఎన్విరాన్‌మెంటల్ రిస్పాన్సిబిలిటీ (CER) క్రింద రూ.27.35 కోట్ల పెట్టుబడిని ఖర్చుతగా వినియోగించాలి. CER క్రింద ప్రాజెక్ట్ ప్రభోనెంటో ప్రతిపాదించిన కార్యకలాపాలలో దిగువ తెలిపిన రంగాలకు అంటే విద్యకు (రూ.200.00 లక్షలు) ఆరోగ్య సంరక్షణకు (రూ.550.00 లక్షలు) మొరిక సరుపాయాల అభివృద్ధికి (రూ.425.00 లక్షలు) సైవిక్ అభివృద్ధి మరియు మెరుగుపరిచిన ఉద్యోగ అవకాశాలకు, శిక్షణకు (రూ.1100.00 లక్షలు) కామన్ ఇంటరెస్ట్ యాక్టివిటీ (రూ 150.00లక్షలు) పర్యావరణ పరిరక్షణ మరియు సంరక్షణ అవాసానికు (రూ.16.00లక్షలు) క్రీడలకు (రూ.120.00 లక్షలు) వృద్ధసాయం మరియు పశుసంవర్ధక శాఖకు (రూ.75.00 లక్షలు) కామన్ వాలర్ వాహిస్టింగ్‌కు (రూ.100.00 లక్షలు) ఎక్కాలు చేయబడినది. CER కార్యకలాపాలకు ప్రాజెక్ట్ వలన ప్రభావానికి గురి అయ్యే గ్రామాలకు మొదటి సరుపాయాల పటిష్టతకు ప్రాధాన్యత ఇవ్వాలి.

iv. ప్రాజెక్ట్ ప్రారంభించడానికి ఈ లెటర్ జారీ తేదీ: నుంది 10 సంవత్సరాల కాలానికి అనుమతి చెల్లుబాటులో ఉంటుంది.

v. ప్రాజెక్ట్ ప్రారంభించిన 5 సంవత్సరాల తర్వాత, పర్యావరణం మరియు రోపిక్షేమ కీవావరణంపై ప్రాజెక్ట్ ప్రభావానికి సంబంధించి అధ్యయనం చేపట్టాలి. మంత్రిత్వ శాఖతో సంప్రదించి నిర్ణయించిన సృతంత్ర ఏజెన్సీ ద్వారా అధ్యయనం చేపట్టబడాలి.

vi. ఆశ్చర్తి అయిన ఘనవ్యర్థాలు ముఖ్యంగా ఫ్లైయాష్ వ్యర్థాలు మొదలైనవి ఛ్యాండ్ ఫిల్ సైట్‌లోనుగాని పాలిటైజర్‌లో తయారీకు, రోడ్డుకి రేవుకు. ఫ్లైయాష్ నిమిత్తాన్ని ప్రోత్సహించాలి.

vii. ప్రాజెక్ట్ కోసం సేకరించిన భూమి ప్రస్తుతం ఉన్న మార్గదర్శక సూత్రాల ప్రకారం తగిన విధంగా నష్టపరిహారం ఇవ్వాలి. భూసేకరణ ప్రసారాసం, పునరావాస్తవ్య చట్టం 2013లో నిబంధిత నష్టపరిహారం మరియు పారదర్శకతకు పాటు నిబంధనల ప్రకారం ప్రైవేట్ భూమి సేకరించాలి.

viii. EIA ప్రకటన 2006 మరియు ఆ తరువాత దానిలో చేసిన సవరణల ప్రకారం ప్రాజెక్ట్ కోసం ఖ్వారీయింగ్ నిర్మాణం మెలీరియల్స్ కోసం అవసరమైన అనుమతి పొందాలి.

ix. ప్రాజెక్ట్‌లో ఉద్యోగులు/ఇతర అవకాశాలలో అవశ్యకతలు, తగి పుస్తరాగ ప్రకారం స్థానిక గ్రామస్థులకు ప్రాధాన్యత ఇవ్వబడును.

x. స్థానిక గ్రామీణులు ముఖ్యంగా ఎలక్ట్రీషియన్, వెల్డర్, ఫిట్టర్ మొదలైనటువంటి నిర్మాణ పనులకు సంబంధించిన ట్రేడ్‌లకు సంబంధిత వైవిధ్య అభివృద్ధికి చర్యలు చేపట్టాలి.

xi. ప్రతిపాదిత మజ్ రంపింగ్ ఏరియాల కోసం అవసరమైన అన్ని అనుమతులు తీసుకోవాలి. అడవిని ఫ్లష్ వ్యవసాయ పొలాలలో మజ్ వెలుతురుంచా నివారించడానికి తగిన రక్షణ చర్యలు తీసుకోవాలి.

xii. CER కార్యకలాపాల క్రింద ఆగనిదీ సరఫరా, నిర్వహణ, ఆరోగ్య సంరక్షణ సదుపాయాల కల్పన మొదలైనటువంటి పౌరిక సదుపాయాలను ప్రాజెక్ట్ ప్రభావిత గ్రామాలలో పటిష్ట పరిచేయుటకు చర్యలు తీసుకోవాలి.

xiii. ప్రాజెక్ట్‌లో ఉద్యోగం/ ఇతర అవకాశాలలో అవశ్యకతలు, తగిన్నపుడు ప్రకారం స్థానిక గ్రామస్థులకు ప్రాధాన్యత ఇవ్వాలి.

xiv. స్థానిక గ్రామీణులకు ముఖ్యంగా ఎలక్ట్రీషియన్‌గా, వెల్డర్, ఫిట్టర్ మొదలైన నిర్మాణ పనులకు సంబంధించిన ట్రేడ్‌లకు సంబంధిత వైవిధ్యాల అభివృద్ధికి చర్యలుచేపట్టాలి.

xv. 1200 మెగావాట్ల పంప్డ్ స్టోరేజ్ ప్రాజెక్ట్ కోసం సెంట్రల్ ఎలక్ట్రిసిటీ అథారిటీ ఆమోదం పొందాలి.

xvi. ప్రాజెక్ట్‌కు వర్తించే విధంగా ఏవేని ఇతర సంస్థలు/ శాఖల నుంది ఏవేని ఇతర అనుమతులు పొందాలి.

సమగ్ర ప్రారిశారి ఆమోదంతో ఇది జారీ చేయబడింది.

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