## **Greenko Energies Private Limited**

(CIN:U40109TG2000FTC034990)



IREP-Pinnapuram/MoEF&CC-SMR/08062022

Date: 08.06.2022

To

The Additional Principal Chief Conservator of Forest (C) Ministry of Environment, Forest and Climate Change, Regional Office (SEZ), 1<sup>st</sup> & 2<sup>nd</sup> Floor, Handloom Export Promotional council.34, Cathedral Garden Road, Nungambakkam, Chennai – 34.

Sub: Pinnapuram Integrated RESP-Storage Project (1200 MW) in Kurnool District, Andhra Pradesh implemented by M/s Greenko Energies Pvt. Ltd - Submission of Half Yearly Compliance Report for the period October 2021 – March 2022 -reg

Ref: Environmental clearance vide MOEF&CC Letter No. J-12011/12/2018- IA.I.(R) Dated: 14-06-2020.

Dear Sir,

With reference to the above cited letter, our consultant Mr. Pioneer Enviro Consultants Private Limited, Hyderabad with Certificate No. NABET/EIA/1922/SA 0148 was prepared & certified our Six-Monthly Compliance Report.

Here with we are submitting "Six Monthly Compliance Report" of Pinnapuram Integrated RESP- Storage Project (1200MW) for the period of **October 2021 – March 2022**.

Thanking You Yours Sincerely

For Greenko Energies Private Limited.

**Authorized Signatory** 

**Encl: As above** 

CC: 1) Director, EIA Division (River Valley & Hydro Electric Projects) Ministry of Environment, Forest & Climate Change Govt. of India, New Delhi-110003.

2) Member Secretary, A.P. Pollution Control Board, Vijayawada, Andhra Pradesh.



2nd floor, A-Z Elite, Plot No. 197, Kavuri Hills, Madhapur, Hyderabad, Telangana - 500081

040-23114270

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Date: 08-06-2022

To,
The Additional Principal Chief Conservator of Forests (C)
Ministry of Environment, Forest and Climate Change,
Regional Office (SEZ)
1<sup>st</sup> and 2<sup>nd</sup> Floor, Handloom Export Promotion Council.
34, Cathedral Garden Road, Nungambakkam,
Chennai – 34.

Dear Sir,

Sub:- Submission of six monthly compliance report on conditions stipulated in Environmental clearance order issued for Pinnapuram Integrated RESP Storage Project (1200 MW) by Greenko Energies Private Limited at Pinnapuram village, Panyam Mandal, Kurnool District, Andhra Pradesh - reg

Ref:- Environmental clearance order vide order J-12011/12/2018-IA-I (R) dated: 14th July,2020

With reference to the above, we would like to bring to your kind notice that we have prepared and verified the six monthly compliance report on conditions stipulated in Environmental clearance order issued for Pinnapuram Integrated RESP Storage Project (1200 MW) by Greenko Energies Private Limited at Pinnapuram village, Panyam Mandal, Kurnool District, Andhra Pradesh, for the period October, 2021 to March, 2022 and certify the same

This is for your kind reference

Thanking you,

Yours faithfully, for PIONEER ENVIRO CONSULTANTS PVT LTD., (formerly PIONEER ENVIRO LABORATORIES & CONSULTANTS PVT LTD)

Y ME Meddy.

Y. MAHESHWARA REDDY
MANAGING DIRECTOR





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

VIDE ORDER NO. J-12011/12/2018-IA-I (R)
Dated: 14<sup>th</sup> July,2020

Period: Oct 2021 to Mar 2022

for

PINNAPURAM INTEGRATED RESP STORAGE PROJECT – 1200 MW by GREENKO ENERGIES PVT. LTD.

Pinnapuram village, Panyam Mandal, Kurnool District, Andhra Pradesh

Prepared and verified by



#### 1. INTRODUCTION

Pinnapuram IREP has been conceived as integrated project with solar, wind and pumped storage components. GoAP has approved the project with 1000 MW Solar, 550 MW Wind & 1200 MW of Standalone Pumped Storage capacities to be developed in Phase I. All three components of Pinnapuram IREP are in close vicinity of each other and therefore power from all three components will be pooled into common pooling station and will be connected to PGCIL/CTU sub-station at Orvakallu for further supply into the National Grid. Proposed Standalone Pumped Storage Project (1200MW) is a part of Pinnapuram Integrated Renewable Energy Project (IREP). Environmental Clearance has been obtained for Standalone Pumped Storage component only vide order no. J-12011/12/2018-IA.I.(R) dated: 14-06-2020. Proposed project is located near Pinnapuram village in Panyam Mandal, Kurnool District, Andhra Pradesh.

#### 2. DETAILS OF THE PROJECT

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

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

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

#### 3. STATUS OF IMPLEMENTATION OF PROJECT

The company has obtained all statutory permissions for initiating the construction works. The construction works for the proposed project has been initiated and excavation works are in progress.

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

S. No.	EC Conditions	Status of Compliance
	Part-A: Annexure-I	
	(Standard EC Conditions for River Valley and Hydroelectric projects)	
	The project proponent shall obtain forest clearance under the provisions of Forest	We have obtained In-Principle (Stage-1) Clearance for diversion of 365.66 Ha of
	(Conservation) Act, 1986, in case of the diversion of forest land for non-forest	Forest land from MoEF&CC vide letter dated 23.04.2020.
(i)	purpose involved in the project.	Final approval/Stage — II Clearance is granted. (Part approval area of only
		46.64 ha of the total forest area). with
		MOEF&CC letter File No.8-32/2019-FC
		Dated: 24.05.21. Copy of the same is enclosed as Annexure-1.
	The project proponent shall obtain clearance	Not Applicable as there are no wildlife
(ii)	from the National Board for Wildlife, if	sanctuaries within 10 Km radius.
	applicable	
	The project proponent shall prepare a Site- Specific Conservation Plan & Wildlife Management Plan and approved by the Chief	Site-specific Wildlife Conservation plan for Schedule 1 Species was prepared and submitted to Chief Wildlife Warden vide
	Wildlife Warden. The recommendations of the approved Site-Specific Conservation	letter dated 08.05.2020. Subsequent to discussions with State Forest
(iii)	Plan/Wildlife Management Plan shall be implemented in consultation with the State	department, revised conservation plan was submitted on 07.09.2021 for
	Forest Department. The Implementation	approval. Copy of the same is enclosed
	report shall be furnished along with the six-	as Annexure-2
	monthly compliance report, (in case of the	
	presence of Schedule-I Species in the study	
	area).	
	The project proponent shall obtain Consent	Consent to Establish has been obtained
(iv)	to Establish/Operate under the provisions of	from State Pollution Control Board vide
	Air (Prevention & Control of Pollution) Act,	Order letter dated: 07.10.2020. Copy of
	1981 and the water (Prevention & Control of	the same is enclosed as Annexure-3

S. No.	EC Conditions	Status of Compliance
	Pollution) Act, 1974 from the concerned	
	State Pollution Control Board/Committee.	
(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-4
(vi)	Necessary approval of CEA shall be obtained for those projects having the project cost more than Rs.1,000 crores.	Detailed Project Report has been submitted to Central Electricity Authority (CEA), Government of India for issuance of concurrence and is at advanced stage of approval. For start of excavation activities, CEA has accorded permission vide letter dated 27.05.2020. Copy of the same is enclosed as Annexure-5.
	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.	Monitoring of Air quality, Water quality and noise levels will be 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-9.
ii.	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed standards.	Air pollution control measures like dust suppression, providing all dust control equipment's for batching plants will be followed.
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 will be 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	Not Applicable, as the project is an Off- Stream Pumped Storage Project and not a run-off river project.

S. No.	EC Conditions	Status of Compliance
	made to reduce impact on aquatic life	
	including impacts during spawning period	
	both at the upstream and downstream of the	
	project.	
	As the reservoir will be acting as balancing	Not Applicable, as the project is an Off-
	reservoir and there would be fluctuation of	Stream Pumped Storage Project and not
	water level during peaking period, efforts be	a run-off river project.
ii.	made to reduce impact on aquatic life	
	including impacts during spawning period	
	both at the upstream and downstream of the	
	project.	
	IV. Noise monitoring and prevention	
	All the equipment likely to generate high	Being Complied.
	noise shall be appropriately enclosed or	
	inbuilt noise enclosures be provided so as to	
i	meet the ambient noise standards as notified	
•	under the Noise Pollution (Regulation and	
	Control) Rules, 2000, as amended in 2010	
	under the Environment Protection Act (EPA),	
	1986.	
	The ambient noise levels should conform to	Being Complied.
ii	the standards prescribed under E(P)A Rules,	
	1986 viz. 75 dB(A) during daytime and	
	70dB(A) during nighttime.	
	V. Waste management	
	Muck disposal be carried out only in the	Muck is being disposed to the sites
	approved and earmarked sites. The dumping	earmarked. We hereby assure that we
	sites shall be located sufficiently away from	will make efforts to reuse the muck for
	the HFL of the river. Efforts be made to reuse	Embarkment construction and other
	the muck for construction and other filling	filling purposes.
i	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.	
	Solid waste management should be planned	As stipulated land filling of plastic waste
ii	in detail. Land filling of plastic waste shall be	will be avoided.
	avoided and instead be used for various	

S. No.	EC Conditions	Status of Compliance
	purposes as envisaged in the EIA/EMP	
	reports. Efforts be made to avoid one time	
	use of plastics.	
	VI. Green Belt and wildlife Management	
	Wildlife Conservation Plan approved by the	We hereby assure that we will
	Chief Wildlife Warden shall be implemented	implement the Wildlife Conservation
i	in consultation with the local State Forest	Plan approved by the Chief Wildlife
	Department.	Warden. The plan is yet to be approved.
	To enrich the habitat of the project site,	We are in the process of developing
	plantation shall be raised as envisaged in the	plantation as stipulated.
	EIA/EMP report. Plantation to be developed	
ii	along the periphery of the reservoir in multi-	
	layers with local indigenous species in	
	consultation with the local State Forest	
	Department.	
	Compensatory afforestation programme	Implementation of the afforestation
iii	shall be implemented as per the plan	programme shall be undertaken by the
	approved.	State Forest Department.
	VII. Public hearing and Human health issues	
	Resettlement & Rehabilitation plan be	Total private land of 120 ha (297 acres) is
	implemented in consultation with the State	being purchased through private
	Govt. as approved by the State Govt, if any.	negotiations and it is well within the
		prescribed limits of 5000 acres as
i		notified by the Govt. of Andhra Pradesh
		and further, in the land procured, there
		is no habitation present. Hence the
		provisions of R & R do not apply.
	Budget provisions made for the community	Being Complied. As per CER (Corporate
	and social development plan including	Environment Responsible) Plan, the
	community welfare schemes shall be	improvement of basic amenities in the
ii	implemented in toto.	project affected villages were already
		initiated. Status report on the activities
		completed and activities in-progress is
		enclosed as Annexure-6.
	Preventive measures viz. fuming and	As stipulated, we will implement
	spraying of mosquito control shall be done in	preventive measures stipulated for
iii	and around the labour colonies, affected	mosquito control.
	villages, stagnated pools, etc. Provisions be	
	made to not to create any stagnated pools to	
	I	

S. No.	EC Conditions	Status of Compliance
	avoid creation of breeding grounds of the	
	vector borne diseases.	
	Provision shall be made for the housing of construction labour within the site with all	As per the stipulation, provision has been made for housing of labour and
	necessary infrastructure and facilities such as	necessary infrastructure and facilities
iv	fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care,	such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical
	creche etc. The housing may be in the form	health care, creche etc are being
	of temporary structures to be removed after	provided.
	the completion of the project.	
	Labour force to be engaged for construction	Pre-Medical examination will be done
	works shall be examined thoroughly and	before deputing them for construction
V	adequately treated before issuing them work	works
	permit. Medical facilities shall be provided at	
	the construction sites.	
	Early Warning Telemetric system shall be	Not Applicable, since the project is an
	installed in the upper catchment area of the	Off-Stream Pumped Storage Project and
vi	project for advance intimation of flood	not a run-off river project.
	forecast.	
	Emergency preparedness plan be made for	We are in the process of preparing the
	any eventuality of the dam failure and shall	Emergency preparedness plan for any
vii	be implemented as per the Disaster	eventuality of the dam failure and will be
	Management Plan	implemented as per the Disaster
		Management Plan
	VIII. Corporate Environment Responsibility	
	The Project Proponent shall comply with the	We hereby assure that we will undertake
	provisions contained in this Ministry's OM	activities as per CER
i	Vide F.No. 22-06/2017-1 A. III dated	
	01.05.2018, as applicable regarding	
	Corporate Environmental Responsibility.	
	Skill mapping be undertaken for the youths	Skill Development training for the local
	of the affected project area and based on the	youth was already initiated through the
	skill mapping, necessary trainings to the	Skill Development Center at Gani. So far
ii	youths be provided for their longtime	25 local youth from affected villages
	livelihood generation	were provided with ITI Training. Further,
		detailed need assessment and demand
		survey for skill mapping is underway.
iii	The Company shall have a well laid down	Noted.
111	environmental policy duly approved by the	

S. No.	EC Conditions	Status of Compliance
	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.	
	A separate Environmental Cell both at the	Complied
	project and company head quarter level,	
	with qualified personnel shall be set up	
iv	under the control of senior Executive, who	
	will directly report to the head of the	
	organization.	
	Action plan for implementing EMP and	As stipulated, we have earmarked funds
	environmental conditions along with	for environmental protection measures.
	responsibility matrix of the company shall be	Till now we have spent Rs. 71,62,46,274
	prepared and shall be duly approved by	/- (Seventy one crores sixty two lakhs
	competent authority. The year wise funds	fourty six thousand two hundred and
	earmarked for environmental protection	seventy four rupees only).
V	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.	
	Post EIA and SIA be prepared for the project	As stipulated, we will prepare Post EIA
	through a third party and evaluation report	and SIA through Third party after five
vi	be submitted to the Ministry after five years	years of commissioning of the project.
	of commissioning of the project.	- , ,
	Multi-Disciplinary Committee (MDC) be	We are in the process of forming a
	constituted with experts from Ecology,	committee with experts from Ecology,
vii	Forestry, Wildlife, Sociology, Soil	Forestry, Wildlife, Sociology, Soil
	Conservation, Fisheries, NGO, etc. to oversee	Conservation, Fisheries, NGO, etc for

S. No.	EC Conditions	Status of Compliance
	implementation of various environmental	monitoring the implementation of
	safeguards proposed in EIA/EMP report	various environmental safeguards
	during construction of the project. The	proposed in EIA/EMP report during
	monitoring report of the Committee shall be	construction of the project.
	uploaded in the website of the Company.	We will upload the report as stipulated
	IX. Miscellaneous	
	The project proponent shall make public the	Complied, abstract of Environmental
	environmental clearance granted for their	Clearance was published in two widely
	project along with the environmental	circulated daily newspapers one in
	conditions and safeguards at their cost by	vernacular language i.e. Telugu in Sakshi,
	prominently advertising it at least in two	dt. 01.09.2020 in main edition. The copy
ı	local newspapers of the District or State, of	of the same is enclosed as Annexure - 7
	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.	
	The copies of the environmental clearance	Complied, copies of the Environmental
	shall be submitted by the project proponents	clearance letters were submitted to the
	to the Heads of local bodies, Panchayats and	local bodies and displayed for 30 days.
ii	Municipal Bodies in addition to the relevant	Copy of the same is enclosed as
	offices of the Government who in turn has to	Annexure-8.
	display the same for 30 days from the date of	
	receipt.	
	The project proponent shall upload the	As stipulated, we will submit the status
	status of compliance of the stipulated	of compliance of the stipulated
iii	environment clearance conditions, including	environment clearance conditions from
	results of monitored data on their website	time to time
	and update the same on half-yearly basis.	
	The project proponent shall submit six-	We are herewith submitting the six
	monthly reports on the status of the	monthly compliance report for the
ive	compliance of the stipulated environmental	period October, 2021 to March, 2022
iv	conditions on the website of the Ministry of	
	Environment, Forest and Climate Change at	
	environment clearance portal.	
	The project proponent shall submit the	We will submit Form – V as stipulated to
	environmental statement for each financial	SPCB during the operation of the project
v	year in Form-V to the concerned State	
V	Pollution Control Board as prescribed under	
	the Environment (Protection) Rules, 1986, as	
	amended subsequently and put on the	

S. No.	EC Conditions	Status of Compliance
	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.	As stipulated, we will inform the Regional Office as well as the Ministry, the milestones of the project through Half – yearly compliance reports
vii	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	We hereby assure that we will adhere to the stipulations made by the State Pollution Control Board and the State Government
viii	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	We hereby assure that we will abide by all the commitments and recommendations made in the EIA / EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee
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).	We hereby assure that we will obtain prior approval from MoEF&CC for any further expansions or modifications.
x	Concealing factual data or submission of false / fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	We hereby assure that we will not hide any data and submit false data
xi	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted.
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	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

S. No.	EC Conditions	Status of Compliance
	requisite data / information/monitoring	the stipulated conditions
	reports.	
	The above conditions shall be enforced,	Noted.
	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	
xiv	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.	
	Any appeal against this EC shall lie with the	Noted.
	National Green Tribunal, if preferred, within	
xv	a period of 30 days as prescribed under	
	Section 16 of the National Green Tribunal	
	Act, 2010.	
	Part 2 : Additional Conditions	
	Approval from Competent Authority for	We have obtained necessary approvals
i	allocation of 1.2 TMC of water on a non-	from State Govt. for allocation of water
'	Consumptive basis from the Gorakallu	from Gorakallu Reservoir vide G.O.Ms
	Reservoir shall be obtained.	19.07.2018 & 02.12.2020.
	The Environment Management Plan (EMP)	As stipulated, we have earmarked funds
	shall be strictly adhered to as submitted in	for environmental protection measures
	the EIA/EMP report and a sum of Rs.	and we will not divert for any other
	11839.55 Lakhs, the budgetary provisions for	purpose.
ii	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.	
	Investment of Rs. 27.35 Crore under	Being Complied. Corporate Environment
	Corporate Environmental Responsibility	Responsibility (CER) plan for
iii	(CER) shall be strictly utilized for the	improvement of basic infrastructure
	activities proposed as per the ministry's	amenities and other community
	office memorandum dated 01st May,2018.	development activities in the project
	Activities proposed by the project proponent	affected villages have been initiated. The

S. No.	EC Conditions	Status of Compliance
	under CER includes provision to following	status report of CER activities is enclosed
	focus area viz., education (200.00 lakhs)	as Annexure-6.
	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 Rain water	
	Harvesting (Rs.100.00 lakhs). Under CER	
	activities, preference should be given to	
	strengthen the basic amenities in the project	
	affected villages.	
	The clearance is valid for period of 10 years	Noted
iv	from the date of issue of this letter for	
	commissioning of the project.	
	After 5 years of the commissioning of the	As stipulated, we will prepare Post EIA
	project, a study shall be undertaken	and SIA through Third party after five
	regarding impact of the project on the	years of commissioning of the project.
V	environmental and the downstream ecology.	
	The study shall be undertaken by an	
	independent agency, decided in consultation	
	with the Ministry.	
	Solid waste generated, especially plastic	Plastic waste will be generated mostly
	waste, etc. should not be disposed of as	during construction stage in the form of
	landfill material. It should be treated with	packaging material. The waste generated
vi	scientific approach and recycled. Use of	will be send to authorized recycler for
	single-use plastics may be discouraged.	the further processing. Generation of
		plastic waste is not envisaged in the
		operation stage.
	Land acquired for the project shall be	Total private land of 120 ha (297 acres)
	suitably compensated in accordance with the	being purchased through private
	law of the land with the prevailing	negotiations and it is well within the
vii	guidelines. Private land shall be acquired as	prescribed limits of 5000 acres as
	per provisions of Right to Fair Compensation	notified by the Govt. of Andhra Pradesh
	and Transparency in Land Acquisition,	and further, in the land procured, there
	rehabilitation and Resettlement Act 2013.	is no habitation present. Hence the
		provisions of R & R do not apply.

S. No.	EC Conditions	Status of Compliance
viii	Necessary permission to be obtained for quarrying construction materials for the project as per the EIA Notification, 2006 and subsequent amendments thereof.	We hereby assure that we will obtain necessary permission for quarrying construction materials for the project as per the EIA Notification, 2006 and subsequent amendments thereof
ix	Preference to be given to the local villagers as per the requirements and suitability, in the job/other opportunities in the project, etc.	We hereby assure that local villagers will be given preference, as per the requirements and suitability, in the job/other opportunities in the project.
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 for the local youth was already initiated through the Skill Development Centre at Gani Location. Till now, 25 local youth from affected villages have completed ITI Training in various trades. In addition, need assessment and demand survey for skill mapping is under progress.
хi	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.	Muck will be disposed in the designated areas only. We hereby assure that we will take all measures to avoid spillage of the muck to the adjoining agricultural fields.
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. Under the infrastructure development and Health care, large number of initiatives is being taken up for providing drinking water supply and primary health service in the project affected villages. The list of activities undertaken as part of CER is enclosed in Annexure-6
xiii	Preference to be given to the local villagers as per the requirements and suitability, in the job/ other opportunities in the project.	We hereby assure that local villagers will be given preference, as per the requirements and suitability, in the job/other opportunities in the project.
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 for the local youth was already initiated through the Skill Development Centre at Gani Location. Till now, 25 local youth from affected villages have completed ITI Training in various trades. In addition,

S. No.	EC Conditions	Status of Compliance
		need assessment and demand survey for
		skill mapping is under progress.
	Approval of the Central Electricity Authority	Detailed Project Report has been
	may be obtained for 1200 MW Pumped	submitted to Central Electricity Authority
	Storage Project	(CEA), Government of India for issuance
		of concurrence and is at advanced stage
XV		of approval. For start of excavation
		activities, CEA has accorded permission
		vide letter dated 27.05.2020. Copy
		enclosed at Annexure-5.
xvi	Any other clearance from any other	We have obtained all necessary
	organization/departments as applicable to	clearances required before taking up the
	the project shall be obtained.	construction activities.

# **ANNEXURES**

Annexure no.	
1	Forest clearance copy
2	Revised Conservation plan submission letter
3	CFE copy
4	Site Specific Seismic study report certified by Central Water
	Commission
5	Permission issued for CEA for excavation
6	Status of CER activities
7	Copy of the paper advertisement
8	Letter submitted to Local bodies for keeping EC copy
9	Environmental Monitoring reports
10	NABET certificate (Pioneer Enviro Consultants Pvt. Ltd.)

### File No. 8-32/2019-FC

Government of India Ministry of Environment, Forest and Climate Change (Forest Conservation Division)

> Indira Paryavaran Bhawan Aliganj, Jorbagh Road New Delhi - 110003 Dated:23rd April, 2020

To,

The Principal Secretary (Forests), Department of Forest and Environment, Government of Andhra Pradesh, Amravati.

Proposal for diversion of 365.66 hectare (i.e. 319.02 ha. for Lower Reservoir + 22.50 ha. for Power House & TRC Outlet + 6.96 ha. for Penstock + 8.02 Ha for Intake Structure + 2.43 ha. for Tail Race Channel and 6.73 ha. for Internal Roads) of forest land in Compartment Nos. 113, 114, 115, 116 and 117 of Gani RF, Kurnool Range, Kurnool Division for establishment of Integrated Renewable Energy Project, Pinnapuram in favour of M/s Greenko Energies Pvt. Ltd.,

Sir,

I am directed to refer to the Government of Andhra Pradesh's letter No.1926/Section. II/2019 dated 12th November, 2019 on the subject mentioned above seeking prior approval of the Central Government under Section-2 of the Forest (Conservation) Act, 1980 and to say that the said proposal has been examined by the Forest Advisory Committee (FAC) constituted by the Central Government under Section-3 of the aforesaid Act,

After careful examination of the proposal of the State Government and on the basis of the recommendations of the Forest Advisory Committee, in-principle/ Stage-I approval of the Central Government is hereby accorded for non forestry use of forest land having extent 365.66 hectare (i.e. 319.02 ha. for Lower Reservoir + 22.50 ha. for Power House & TRC Outlet + 6.96 ha. for Penstock + 8.02 Ha for Intake Structure + 2.43 ha. for Tail Race Channel and 6.73 ha. for Internal Roads) in Compartment Nos. 113, 114, 115, 116 and 117 of Gani RF, Kurnool Range, Kurnool Division for establishment of Integrated Renewable Energy Project, Pinnapuram in favour of M/s Greenko Energies Pvt. Ltd., Hyderabad, subject to the fulfilment of following conditions:

i. Legal Status of the diverted forest land shall remain unchanged;

ii. User Agency shall submit the approved Detailed Project Report (DPR) through the State

The forest compartments (compartment Nos. 113, 114, 115, 116 and 117), which are iii. getting adversely affected will be taken care of and afforestation (for improving canopy density from 'open' to 'moderately dense forest') will be taken up by the Forest Department at the cost of User Agency only to stabilize the rim of the reservoir i.e. 100 mts from the periphery of the HFL. Rest of the forest areas of affected compartments shall be taken up for improving canopy density through NPV, collected from this project; iv.

User Agency will allow use of road infrastructure within project area to common public;

As per site inspection report, over an extent of 8.15 ha within the 408.68 ha of non-forest land surveyed for compensatory afforestation are in the nature of streams / cart road / government lands etc. Hence, this 8.15 ha area shall be demarcated suitably;

- vi. The User Agency shall raise avenue plantation on either side of the road proposed in the proposal, at the project cost;
- vii. Compensatory afforestation:
  - a) Compensatory afforestation shall be taken up by the Forest Department over 400.53 ha Non-forest land (land in Mangupalli Village, Sy.No.1 to 65 and Kamireddipadu in Sy. Nos.3 to 170 Ananthapuram Mandal, of SPSR Nelore District) at the cost of the User Agency. As far as practicable a mixture of local indigenous species will be planted and monoculture of a species has to be avoided.
  - b) The non-forest land proposed for CA shall be transferred and mutated in the name of Forest Department and notified as RF/PF prior to Stage-II approval. A copy of the original notification declaring the non-forest land under Section 4 or Section 29 of the Indian Forest Act, 1927, or under the relevant section of the State Forest Act as the case may be, will be submitted by the State Government prior to Stage-II approval;
- viii. The cost of compensatory afforestation at the prevailing wage rates as per compensatory afforestation scheme and the cost of survey, demarcation and erection of permanent pillars if required on the CA land shall be deposited in advance with the Forest Department by the project authority. The CA will be maintained for 10 years. The scheme may include appropriate provision for anticipated cost increase for works scheduled for subsequent years;
  - ix. NPV:
- a) The State Government shall charge the Net Present Value(NPV) for the 365.66 ha forest area to be diverted under this proposal from the User Agency as per the orders of the Hon'ble Supreme Court of India dated 30/10/2002, 01/08/2003, 28/03/2008, 24/04/2008 and 09/05/2008 in IA No. 566 in WP (C) No. 202/1995 and as per the guidelines issued by the Ministry vide letters No. 5-1/1998-FC (Pt.II) dated 18/09/2003, as well as letter No. 5-2/2006-FC dated 03/10/2006 and 5-3/2007-FC dated 05/02/2009 in this regard.
- b) Additional amount of the NPV of the diverted forest land, if any, becoming due after finalization of the same by the Hon'ble Supreme Court of India on receipt of the report from the Expert Committee, shall be charged by the State Government from the User Agency. The User Agency shall furnish an undertaking to this effect.
- x. The State Government shall submit a certificate certifying that no schemes/programmes with respect to plantation have been proposed or undertaken in the land identified for taking up Compensatory afforestation in last 10 years;

xi. The cost of felling of trees shall be deposited by the User Agency with the State Forest Department;

- xii. Copy of approved Catchment Area Treatment (CAT) Plan, if applicable shall be submitted in accordance to para no. 4.8 (i) of Forest (Conservation) Act, 1980 Handbook and commensurate funds shall be deposited in the account of CAMPA through on-line portal;
- xiii. The complete compliance of the FRA, 2006 shall be ensured by way of prescribed certificate from the concerned District Collector.
- xiv. All the funds received from the user agency under the project shall be transferred/ deposited to CAMPA fund only through e-portal (https://parivesh.nic.in/);
- xv. The land identified for the purpose of CA shall be clearly depicted on a Survey of India toposheet of 1:50,000 scale;
- xvi. The admissible non-forest land shall be identified for raising compensatory afforestation and the same shall be transferred and mutated in favour of the State Forest Department before issue of the Stage-II clearance. The non-forest land identified for raising Compensatory Afforestation

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shall be notified by the State Government as Reserve Forest under Section-4 or Protected Forest under Section-29 of the Indian Forest Act, 1927 or under the relevant Section(s) of the local Forest Act, as the case may be, within a period of six months;

xvii. The User Agency shall transfer the cost of raising and maintaining the compensatory afforestation at the current wage rate in consultation with State Forest Department in the account of Ad-hoc CAMPA of the concerned State through online portal. The scheme may include appropriate provision for anticipated cost increase for works scheduled for subsequent years;

At the time of payment of the Net Present Value (NPV) at the then prevailing rate, the User Agency shall furnish an undertaking to pay the additional amount of NPV, if so determined, as

per the final decision of the Hon'ble Supreme Court of India;

xix. The Forest clearance will be for a period co terminus with the lease period specified in the lease agreement. The State Government will submit the lease agreement document specified in the lease agreement;

The user agency shall implement the R&R Plan as per the R&R Policy of State Government in consonance with National R&R Policy, Government of India before the commencement of the project work. The said R&R Plan will be monitored by the State Government/Regional Office of MoEF &CC along with indicators for monitoring and expected observable milestones, if applicable;

xxi. The User Agency shall obtain the Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986, if required;

xxii. The user agency shall carry out muck disposal at pre designated sites in such a manner so as to avoid its rolling down;

xxiii. The dumping area for muck disposal shall be stabilized and reclaimed by planting suitable species by the user agency at the cost of project under the supervision of State Forest Department. Retaining walls and terracing shall be carried out to hold the dumping material in place. Stabilization and reclamation of such dumping sites shall be completed before handing over the same to the State Forest Department in a time bound manner as per Plan;

xxiv. The State Government and the user agency shall ensure that the tress available between full

reservoir level (FRL) and FRL-4 meters are not felled;

xxv. The User agency shall undertake afforestation along the periphery of the reservoir;

xxvi. User agency shall provide free water for the forestry related projects;

xxvii. No labour camp shall be established on the forest land and the User Agency shall provide fuels preferably alternate fuels to the labourers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas;

xxviii. The boundary of the diverted forest land, mining lease and safety zone, as applicable, shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, distance from pillar to pillar and GPS coordinates;

The layout plan of the proposal shall not be changed without the prior approval of the Central Government and the forest land shall not be used for any purpose other than that specified in the proposal;

xxx. The forest land proposed to be diverted shall under no circumstances be transferred to any other agency, department or person without prior approval of the Central Government;

xxxi. No damage to the flora and fauna of the adjoining area shall be caused;

xxxii. The user agency shall explore the possibility of translocation of maximum number of trees identified to be felled and shall ensure that any tree felling shall be done only when it is unavoidable and that too under strict supervision of the State Forest Department;

User agency either himself or through the State Forest Department shall undertake gap planting and soil & moisture conservation activities. The plan for plantation and SMC activities will be prepared and submitted to MoEF &CC prior to Stage-II Clearance;

xxxiv. The User Agency shall submit the annual self-compliance report in respect of the above stated conditions to the State Government, concerned Regional Office and to this Ministry by the end of March every year regularly;

A 23.4.2020

The Violation of any of these conditions will amount to violation of Forest (Conservation) Act, XXXV. 1980 and action would be taken as per the para 1.21 of comprehensive guidelines issued vide this Ministry F. No.5-2/2017-FC dated 28th March, 2019;

Any other condition that the concerned Regional Office of this Ministry may stipulate with the XXXVI. approval of competent authority in the interest of conservation, protection and development of

forests & wildlife; and

The user agency shall comply all the provisions of the all Acts, Rules, Regulations, Guidelines, xxxvii. Hon'ble Court Order (s) and NGT Order (s) pertaining to this project, if any, for the time being in force, as applicable to the project.

The compliance report shall be uploaded on e-portal (https://parivesh.nic.in/). xxxviii.

After receipt of compliance report on fulfillment of the conditions mentioned above, the proposal shall be considered for final approval under Section-2 of the Forest (Conservation) Act, 1980. Transfer of forest land shall not be effected till final approval is granted by the Central Government in this regard.

Yours faithfully,

(Brijendra Swaroop) Dy. Inspector General of Forests

#### Copy to:-

1. The PCCF (HoFF), Department of Forest, Government of Andhra Pradesh, Amravati.

2. The DDGF (Central), Regional Office (SEZ), MoEF&CC, Chennai.

3. The Nodal Officer (FCA), Department of Forest, O/o PCCF, Government of Andhra Pradesh, Amravati.

4. User Agency.

5. Monitoring Cell, Forest Conservation Division, MoEF&CC, New Delhi.

6. Guard File.

#### File No.8-32/2019-FC

### Government of India Ministry of Environment, Forest and Climate Change (Forest Conservation Division)

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Indira Paryavaran Bhawan Aliganj, Jorbagh Road New Delhi - 110003 Dated: 24th May, 2021

To, The Special Chief Secretary (Forests), Department of Forest and Environment, Government of Andhra Pradesh, Amravati.

Sub: Proposal for diversion of 365.66 hectare (i.e. 319.02 ha. for Lower Reservoir + 22.50 ha. for Power House & TRC Outlet + 6.96 ha. for Penstock + 8.02 Ha for Intake Structure + 2.43 ha. for Tail Race Channel and 6.73 ha. for Internal Roads) of forest land in Compartment Nos. 113, 114, 115, 116 and 117 of Gani RF, Kurnool Range, Kurnool Division for establishment of Integrated Renewable Energy Project, Pinnapuram in favour of M/s Greenko Energies Pvt. Ltd., Hyderabad - regarding.

( This Final approval/Stage – II Clearance is granted under Section-2 (ii) of the Forest (Conservation) Act, 1980 for an area of only 46.64 ha of the total forest area)

Madam/Sir,

I am directed to refer to the Government of Andhra Pradesh's letter No.1926/Section. II/2019 dated 12<sup>th</sup> November, 2019 on the subject mentioned seeking prior approval of the Central Government under Section-2 of the Forest (Conservation) Act, 1980 and to say that the said proposal has been examined by the Forest Advisory Committee (FAC) constituted by the Central Government under Section-3 of the aforesaid Act. After careful examination of the proposal of the State Government and on the basis of the recommendations of the Forest Advisory Committee, in-principle/ Stage-I approval of the Central Government was accorded vide this Ministry's letter dt 23.04.2020 subjected to fulfillment of certain conditions. The State Government has furnished compliance report expect of mutating, transferring and notifying the entire identified CA land due to the ongoing Covid pandemic situation. The State govt. has notified an area of 62.99 ha of identified nonforest land in respect of the conditions stipulated in the Stage-I approval and has requested the Central Government to grant final approval with a request to allow them to start construction within the proposed diversion area for critical components of the project, such as Power Houser & TRC outlet (22.50 ha.), pen Stock (6.96 ha), Intake structure (8.02 ha), tail race channel (2.432 ha) and internal roads (6.73 ha),

#### File No.8-32/2019-FC

totalling to 46.64 ha, out of 365.66 ha required for the project.

In this connection, I am directed to say that on the basis of the request, compliance report and the additional information furnished by the Government of Andhra Pradesh vide their letters dated 08.08.2020, 25.08.2020, 16.10.2020, 08.01.2021, 22.01.2021, 05.02.2021 and 19.04.202, the Final approval/Stage - II Clearance (part approval for an area of 46.64 ha) of the Central Government is hereby granted under Section-2 (ii) of the Forest (Conservation) Act, 1980 for an area of 46.64 ha to facilitate early start of work on certain components of the project in the proposed diversion area for the critical components of the project like "Power house & TRC outlet (22.50ha.), Pen stock (6.96 ha.), Intake structure (8.02 ha.), Tail race channel (2.43 ha.) and internal roads (6.73 ha.) altogether in 46.64 ha, out of 365.66 ha for the proposal for diversion of 365.66 hectare (i.e. 319.02 ha. for Lower Reservoir + 22.50 ha. for Power House & TRC Outlet + 6.96 ha. for Penstock + 8.02 Ha for Intake Structure + 2.43 ha. for Tail Race Channel and 6.73 ha. for Internal Roads) of forest land in Compartment Nos. 113, 114, 115, 116 and 117 of Gani RF, Kurnool Range, Kurnool Division for establishment of Integrated Renewable Energy Project, Pinnapuram in favour of M/s Greenko Energies Pvt. Ltd., Hyderabad, subject to the following conditions: -

# A: Conditions which need to be complied prior to handing over of forest land to user agency by the State Govt.:

- i. User Agency may submit an undertaking stating that the remaining identified CA land i.e 337.54 ha (400.53-62.99 ha) area will be transferred, mutated and notified in the name of forest Dept. with a period of three months of handing over the forest land by the State Govt;
- ii. The State Govt. shall ensure the complete compliance on FRA, 2006; It should also be ensured that the FRA certificate issued by District collector is complete with letter number, date, name, signature and official seal, as required in the certificate;
- iii. The State Govt. shall ensure that the boundary of the diverted forest land, shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, distance from pillar to pillar and GPS co-ordinates;
- iv. The proposed forest land i.e. 46.64 ha shall be handed over to the User Agency only after when the User Agency has acquired the required non-forest land i.e 62.99 ha, if any, for the project;
- v. The User Agency shall obtain the Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986, if required;
- vi. The State Government shall upload the kml files of the area under diversion and the accepted Non-forest land for raising compensatory afforestation in the E-Green Watch portal of FSI, before handing over forest land to the user

agency;

# B: Conditions which need to be complied after handing over of forest land to the user agency by the State Govt.:

- i. Legal status of the forest land shall remain unchanged.
- ii. The State govt. may ensure that the remaining identified CA land i.e 337.54 ha (400.53-62.99 ha) area shall be transferred and mutated in the name of Forest Department and notified as RF/PF with **three** months from handing over the forest land to the User Agency. A copy of the original notification declaring the non-forest land under Section 4 or Section 29 of the Indian Forest Act, 1927, or under the relevant section of the State Forest Act as the case may be, will be submitted by the State Government;
- iii. The State Govt. should ensure that the forest compartments (compartment Nos. 113, 114, 115, 116 and 117), which are getting adversely affected may be taken care of and afforestation (for improving canopy density from 'open' to 'moderately dense forest') may be taken up by the Forest Department at the cost of User Agency only to stabilise the rim of the reservoir i.e. 100 mts from the periphery of the HFL. Rest of the forest areas of affected compartments shall be taken up for improving canopy density through NPV, collected from this project;
- iv. The State Govt. should ensure that the user Agency will allow use of road infrastructure within project area to common public;
- v. The State Govt. should ensure that as per site inspection report, over an extent of 8.15 ha within the 408.68 ha of non-forest land surveyed for compensatory afforestation are in the nature of streams / cart road / government lands etc. Hence, this 8.15 ha area shall be demarcated suitably;
- vi. The State Govt. should ensure that the User Agency shall raise avenue plantation on either side of the road proposed in the proposal, at the project cost;
- vii.Compensatory afforestation shall be taken up by the Forest Department over 62.99 ha non-forest (part area) land in Sy.Nos.7-2, 9-5 etc., Kamireddipadu Village of Ananthasagaram Mandai at the cost of the user agency. As far as possible, a mixture of local indigenous species shall be planted and monoculture of any species may be avoided.
- viii.User Agency shall restrict the felling of trees to minimum numbers in the diverted forest land and trees shall be felled under strict supervision of the State Forest Department.
- ix. The felling of trees shall be restricted to FRL-4 meter only and felling of trees shall be carried out by the State Forest Department. Number of trees to be removed shall be kept at barest minimum during the execution of the project.
- x. The Catchment Area Treatment Plan (CAT) shall be implemented as per approved scheme if applicable;

#### File No.8-32/2019-FC

- xi. User agency shall undertake afforestation along the periphery of the reservoir.
- xii. The layout plan of the proposal shall not be changed without prior approval of Central Government.
- xiii.No labour camp shall be established on the forest land.
- xiv.Sufficient firewood, preferably the alternate fuel, shall be provided by the User Agency to the labourer after purchasing the same from the State Forest Department or the Forest Development Corporation or any other legal source of alternate fuel.
- xv.The User Agency shall provide free water from the project for all forestry related activities;
- xvi. No damage to the flora and fauna of the adjoining area shall be caused;
- xvii.The concerned Divisional Forest Officer will monitor and take necessary mitigative measures to ensure that there is no adverse impact on the forests in the surrounding area;
- xviii. The boundary of the diverted forest land shall be suitably demarcated on ground at the project cost, as per the directions of the concerned Divisional Forest Officer.
- xix. No additional or new path will be constructed inside the forest area for transportation of construction materials for execution of the project work.
- xx. The period of diversion under this approval shall be co-terminus with the period of lease to be granted in favour of the user agency or the project life, whichever is less.
- xxi.The User Agency and the State Government shall ensure compliance of all the Court orders, provisions, rules, regulations and guidelines for the time being in force as applicable to the project.
- xxii. The forest land shall not be used for any purpose other than that specified in the project proposal.
- xxiii.The forest land proposed to be diverted shall under no circumstances be transferred to any other agencies, department or person without prior approval of Govt. of India.
- xxiv. No additional or new path will be constructed inside the forest area for transportation of construction materials for execution of the project work;
- xxv.Violation of any of these conditions will amount to violation of Forest (Conservation) Act, 1980 and action would be taken as per the MoEF&CC Guideline F. No. 11-42/2017-FC dt 29/01/2018. Any other condition that the Ministry of Environment, Forests & Climate Change may stipulate from time to time in the interest of conservation, protection and development of forests & wildlife.
- xxvi.The State Government and user agency shall ensure compliance to all conditions stipulated in the Stage-I approval letter dated 23.04.2020 for which

#### File No.8-32/2019-FC

undertakings have been obtained from the user agency and also the provisions of the all Acts, Rules, Regulations and Guidelines, relevant Hon'ble Court Order (S) and NGT Order (S), ifany, pertaining to this project for the time being in force, as applicable to the project.

After receipt of complete compliance report i.e. mutating, transferring and notifying the remaining CA land area i.e. 337.54 ha (400.53 -62.99 ha) , the central government will be according the final approval/Stage-II for the remaining area of 319.06 ha out of 365.66 hectare of forest land in Compartment Nos. 113, 114, 115, 116 and 117 of Gani RF, Kurnool Range, Kurnool Division for establishment of Integrated Renewable Energy Project, Pinnapuram in favour of M/s Greenko Energies Pvt. Ltd.

Yours faithfully, Sd/-(Sandeep Sharma) Assistant Inspector General of Forests

#### Copy to:-

- 1. The PCCF (HoFF), Government of Andhra Pradesh, Amravati.
- 2. The Regional Officer, Integrated Regional Office, MoEF&CC, Vijayawada.
- 3. The Nodal Officer (FCA), Government of Andhra Pradesh, Amravati.
- 4. User Agency.
- 5. Monitoring Cell, Forest Conservation Division, MoEF & CC, New Delhi.

# Greenko Energies Private Limited (CIN:U40109TG2000FTC034990)



GEPL/CLW/EC/210907

Date: 07-09-2021

To

Chief Wildlife Warden Govt. of Andhra Pradesh Aranya Bhawan, K.M. Munshi Road. Nagarampalem, Guntur-522004

Sub: Pinnapuram IREP (1200 MW) - Pumped Storage Project in Kurnool District of Andhra Pradesh by M/s Greenko Energies Pvt. Ltd - Submission of Wildlife Conservation Plan for Peafowl & Blackbuck-Approval-reg

Ref: 1. Environmental Clearance granted by MOEF & CC vide letter dated 14-07-2020

Sir,

With reference to the above-mentioned subject matter, it is submitted that MoEF & CC (IA-Division), New Delhi vide ref (1) above has granted Environmental Clearance for construction of 1200 MW Pinnapuram Standalone Pumped Storage Project near Village Pinnapuram, Kurnool District of Andhra Pradesh. It is also pertinent to mention that the project was also granted State I Forest Clearance in April 2020 and Stage II Forest Clearance (Part) in May 2021.

As per the stipulations of Environmental Clearance granted by MoEF&CC, a Site-Specific Conservation & Wildlife Management Plan shall be prepared for the Schedule-I species and approved by Chief Wildlife Warden.

In pursuant to the said directions, a Wildlife Management Plan for Schedule-I species i.e. Peafowl and Blackbuck was prepared and is herewith submitted for your kind approval. You are requested to kindly approve the said Wildlife Conservation Plan for Schedule-I species at the earliest so that necessary compliance is submitted to MoEF & CC.

Thanking you, Yours sincerely, For Greenko Energies Private Limited.

Receive

**Authorized Signatory** 

N. Gor kuh

Encl: As above

Registered. Office: Plot no. 1071, Road No.44, Jubilee Hills, Hyderabad - 500 033 Ph: +.91(40) 40301000



#### ANDHRA PRADESH POLLUTION CONTROL BOARD

D. No. 33-26-14 D/2, Near Sunrise Hospital, Pushpa Hotel Centre, Chalamalavari Street, Kasturibaipet, Vijayawada - 520 010 Website: www.pcb.ap.gov.in

#### **CONSENT ORDER FOR ESTABLISHMENT**

#### Order No.310/APPCB/CFE/RO-KNL/HO/2020

07/10/2020

Sub: APPCB – CFE - M/s Greenko Energies Pvt. Ltd (GEPL), at Pinnapuram (V), Panyam (M), Kurnool District – Consent for Establishment of the Board Pumped Storage Hydel Power Project under Sec.25 of Water (P & C of P) Act, 1974 and Under Sec.21 of Air (P&C of P) Act, 1981 - Issued - Reg.

Ref:

- 1. EC Order dt.14.07.2020 issued by MoEF & CC, Gol, New Delhi.
- 2. Industry's application received on 21.08.2020.
- 3. R.O's inspection report dt.24.09.2020.
- 4. CFE Committee meeting held on 30.09.2020.
- 5. Industry's Ir. dt. 29.09.2020 & 30.09.2020.
- 1. In the reference 3<sup>rd</sup> cited, an application was submitted to the Board seeking Consent for Establishment (CFE) to establish integrated plant of Pumped Storage Hydel Power project with installed capacities as mentioned below, with a project cost of **Rs.5468.02 Crores**.

S. No.	S. No. Name of the Activity			
1.	Electric power generation by Standalone Pumped Storage Plant	1200 MW		

Energy consumption during pumping (LR to UR) & details of units						
Description	Turbine mode	Pump mode				
Unit Capacity	200MW	 244MW				
Unit Capacity	100MW	130MW				
Head	119.27m	125.77m				
Duration	8.00hr	8.73hr				
Annual Energy	•	•				
Generation	3376 MU					
Consumption		4479MU				
Generation capacity per day	1200MW(i.e 200*5	1200MW(i.e 200*5 +100*2)				
Pumping capacity per day	1480MW (i.e 244*5	1480MW (i.e 244*5 +130*2)				

Water is to be drawn from existing Gorakallu reservoir to fill up Pinnapuram reservoirs of capacity 1.2 TMC. This water is to be used to generate electricity (hydel power) through pumped storage system.

2. The proposed Standalone Pumped Storage Project to generate 1200MW hydel power is a part of Pinnapuram Integrated Renewable Energy Project (IREP) Pinnapuram. IREP has been conceived as integrated project with solar, wind and pumped storage components. Government of A.P. has approved the project with 1000 MW Solar, 550 MW Wind & 1200MW hydel power from Standalone Pumped Storage capacities to be developed in Phase I. All three components of Pinnapuram IREP are in close vicinity of each other and therefore power from all three components will be pooled into common pooling station and will be connected to PGCIL/CTU sub-station at Orvakallu for further supply into the National Grid.

CPCB vide Ir.dt.18.01.2017 had classified the "Solar Power generation through solar photo voltaic cell plants of all capacities", "wind power plants of all capacities" and "Mini Hydel Power plants of capacity less than 25 MW" under "White category". The white category industries need not obtain consent of the State PCB. An intimation to the SPCB is sufficient.

In the reference 1st cited, the industry has obtained EC for installation of an integrated plant of Hydel power (1200 MW) stand alone pumped storage component of Pinnapuram Integrated Renewable Energy project at Pinnapuram (V), Panyam (M), Kurnool District.

- 3. As per the application, the above activity is to be located at **Pinnapuram (V), Panyam (M), Kurnool District** in an area of 1763.42 acres.
- 4. The above site was inspected by the Environmental Engineer, Regional office, Kurnool, A.P Pollution Control Board on 25.08.2020 and found that the site is surrounded by

North : Agricultural lands South : Pinnapuram village

East : Agricultural lands followed by Ghani RF

West : Agricultural lands and Ghani RF

- 5. The Board, after careful scrutiny of the application, verification report of Regional Officer and recommendations of the CFE Committee, hereby issues **CONSENT FOR ESTABLISHMENT** to your project Under Section 25 of Water (Prevention & Control of Pollution) Act, 1974 and Section 21 of Air (Prevention & Control of Pollution) Act, 1981 and the rules made there under. **This order is issued to the activity as mentioned at Para** (1) only.
- 6. This Consent Order now issued is subject to the conditions mentioned in Annexure.

- 7. This order is issued from pollution control point of view only. Zoning and other regulations are not considered.
- 8. This order is valid for a period of 7 years from the date of issue.

Encl: Annexure.

BATCHU SIVA PRASAD, JCEE(BSP), O/o JOINT CHIEF ENVIRONMENTAL ENGINEER1-APPCB
Joint Chief Environmental Engineer

To M/s. Greenko Energies Pvt. Ltd (GEPL), Pinnapuram (V), Panyam (M), Kurnool District. gopikrushna.n@greenkogroup.com

**Copy to:** 1. The JCEE, Z.O: Kurnool for information and necessary action. 2. The E.E., R.O: Kurnool for information and necessary action.

#### **ANNEXURE**

- 1. Separate energy meter shall be provided for Sewage Treatment Plant (STP) to record energy consumed.
- 2. The proponent shall obtain Consent for Operation (CFO) from APPCB, as required Under Sec.25/26 of the Water (P&C of P) Act, 1974 and under sec. 21/22 of the Air (P&C of P) Act, 1981, before commencement of the activity.

#### WATER:

3. Water is to be drawn from existing Gorakallu reservoir to fill up Pinnapuram reservoirs of capacity 1.2 TMC. This water is to be used to generate electricity (hydel power) through pumped storage system. In addition to above, the maximum permitted water consumption from **Gorakallu Reservoir** is as following:

S. No.	Purpose	Quantity (KLD)	
a.	Green belt	10	
b.	Domestic	Domestic 90	
	Total	100 KLD	

Separate meters with necessary pipe-line shall be provided for assessing the quantity of water used for each of the purpose mentioned below.

4. The maximum Waste Water Generation (KLD) shall not exceed the following:

S. No.	Source	Quantity (KLD)	
a.	Domestic	72	
	Total	72 KLD	

#### **ETP Details & Mode of Disposal:**

Source of effluent	Treatment	Mode of final disposal
Domestic		To be utilized for on land gardening after conforming to on land for irrigation standards.

#### Hazardous / Solid Waste details:

S. No.	Name of the Waste	Quantity	Proposed Disposal Option
1.	Waste oil		To authorized Re-processors / Recyclers / to the Cement industries for co-processing in the kiln.
	Used lead acid batteries	15 Nos./annum	To dealers on buy back system

3	Muck		To be disposed into designated sites away from the HFL of the river.
4	Sludge from STP	10 kg/day	TSDF for secured land filling (or)
			To store in HDPE bags and reuse as manure for greenbelt development
5	Municipal Solid Waste	360 kg/day	To be converted into manure through Organic waste converter/Composting

### 6. Air pollution:

S. No.	Details of Stack	Stack 1	Stack 2	Stack 3	Stack 4	Stack 5
a)	Attached to:	DG set (for standby operations for upstream intake)	DG set (for standby operations for upstream intake)	DG set (for standby operations for Power house)	DG set (for standby operations for Power house complex)	DG set (for standby operations for downstream intake)
b)	Capacity	75 KVA	125 KVA	500 KVA	500 KVA	75 KVA
c)	Name of the Fuel	Diesel	Diesel	Diesel	Diesel	Diesel
d)	Stack height	6 m	6.5m	8.5m	8.5m	6m
e)	Air Pollution Control Equipment	Silencer with acoustic enclosure	Silencer with acoustic enclosure	Silencer with acoustic enclosure	Silencer with acoustic enclosure	Silencer with acoustic enclosure

S. No.	Details of Stack	Stack 6	Stack 7	Stack 8	Stack 9	Stack 10
a)		DG set (for standby operations for downstream intake)	operations	(for standby operations for workshop)	(for standby operations for workshop,	DG set (for standby operations for Pressure shaft)
b)	Capacity	125 KVA	200 KVA	300 KVA	125 KVA	300 KVA
c)	Name of the Fuel	Diesel	Diesel	Diesel	Diesel	Diesel
d)	Stack height	6.5m	7m	7.5m	6.5m	7.5m

€	<i>′</i> (	Air Pollution Control Equipment	Silencer with acoustic enclosure	Silencer with acoustic enclosure	Silencer with acoustic enclosure	Silencer with acoustic enclosure	Silencer with acoustic enclosure

- 7. The proponent shall comply with the following for controlling noise pollution during construction phase.
  - a. Operation of various construction equipment proper maintenance of equipment.
  - b. Regular over hauling provision of ear plugs and ear muff to the staff.
- 8. The ambient noise level shall not exceed 75 dB(A) during day time and 70 dB(A) during night time.
- 9. The following rules and regulations notified by the MoE&F, GoI shall be implemented.
- a. Regulation of Persistent Organic Pollutants Rules, 2018.
- b. Hazardous waste and other wastes (Management and Transboundary Movement) Rules, 2016.
- c. Plastic Waste Management Rules, 2016.
- d. Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989
- e. Fly Ash Notification, 2016.
- f. Batteries (Management & Handling) Rules, 2010.
- g. E-Waste (Management) Rules, 2016.
- h. Construction and Demolition waste Management Rules, 2016.
- i. Solid Waste Management Rules, 2016.
- j. The Public Liability Insurance Act, 1991 and its amendments thereof.

#### **Other Conditions:**

- 10. The industry shall comply with all the conditions stipulated in the EC order dt.14.07.2020 issued by MoEF & CC, GoI, New Delhi.
- 11. Adequate protection measures shall be taken up to avoid any spillage of muck to the adjoining agricultural fields.
- 12. To reduce the impact during spawning period both at the upstream and downstream of the project.
- 13. The proponent shall explore the possibility to convert the organic waste into bio-gas. The bio-gas can be used for cooking purposes.

- 14. The proponent shall develop plantation along the periphery of the reservoir in multilayers with local indigenous species in consultation with local State Forest Department.
- 15. No further expansion or modifications in the project shall be carried out without prior approval of MoEF & CC, GoI, New Delhi / APPCB.
- 16. Emergency preparedness plan be made for any eventuality of the failure of reservoir bund and shall be implemented as per the Disaster Management Plan.
- 17. The proponent vide mail dt.30.09.2020 submitted as following:

"The development of rock fill embankment is major activity. There is no possibility of flash flood for Gumttanda village as there is negligible catchment, secondly the existing catchment is draining through this village only and there is no history of flashflood. As per topography upper reservoir is draining towards eastern side and there is no possibility of food waters coming towards this side. The proposed Lower reservoir is going to have drainage mechanism to drain the water, in case of flash floods.

Measures to avoid breaches have been built into the embankment design ensuring the probability of failure very low. This being a rock fill embankment, where failure takes long period of time after the symptoms are noticed. Whereas, the reservoir can be drained completely in a period of 8-10 hrs, thus ruling out any possibility of sudden release."

The industry shall therefore implement Disaster Management Plan to meet the emergencies if any in construction / operational phase and other safety measures as per the details submitted in their mail dt.30.09.2020.

- 18. The industry shall submit compliance to the conditions stipulated in the EC and CFE orders to the concerned Regional Officer of APPCB every six months and shall upload the same at APPCB website viz., https://pcb.ap.gov.in/UI/Submission Compliance of EC CFE CFO Direction.aspx.
- 19. The proponent shall obtain necessary permissions for the proposed activity, from the concerned Government Departments and other competent authorities.
- 20. As per the provision of Fly ash Notification No.S.O.2804 (E), dt. 03.11.2009 and its amendments thereof, every construction agency engaged in the construction of building within a radius of 300 km from a coal or lignite based thermal power plant shall use only fly ash based products for construction, such as cement or concrete, fly ash bricks or tiles or clay fly ash bricks, blocks or tiles or cement fly ash bricks or bricks or similar products or a combination or aggregate of them in every construction project.
- 21. Concealing the factual data or submission of fabricated data and failure to comply with any of the conditions mentioned in this order attracts action under the provisions of relevant pollution control Acts.
- 22. Notwithstanding anything contained in this conditional letter or consent, the Board

hereby reserves its right and power Under Sec.27(2) of Water (Prevention and Control of Pollution) Act, 1974 and Under Sec.21(4) of Air (Prevention and Control of Pollution) Act, 1981 to revoke the order, to review any or all the conditions imposed herein and to make such modifications as deemed fit and stipulate any additional conditions by the Board.

23. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules,1982, to such authority (hereinafter referred to as the Appellate Authority) constituted under Section 28 of Water (Prevention and Control of Pollution)Act,1974 and Section 31 of the Air (Prevention and Control of Pollution) Act, 1981.

BATCHU SIVA PRASAD, JCEE(BSP), O/o JOINT CHIEF ENVIRONMENTAL ENGINEER1-APPCB
Joint Chief Environmental Engineer

To M/s. Greenko Energies Pvt. Ltd (GEPL), Pinnapuram (V), Panyam (M), Kurnool District. gopikrushna.n@greenkogroup.com



भारतसरकारGovernment of India केंद्रीयजलआयोग Central Water Commission नींवअभियांत्रिकीएवंविशेषविश्लेषणनिदेशालय F. E. & S. A. Directorate आठवीं मंजिल (उ), सेवा भवन रा कृ पुरम नई दिल्ली 110066 8th Floor (N), Sewa Bhawan, R.K. Puram, New Delhi-110066 दूरभाप/फैक्स Tel/Fax8011-29583734 ई मेल/e-mail: fesadte-cwc@nic.in

No. 2/2/2020/FE&SA/ 32 4

Dated: 16 | 16 | 2020

To

GREENKO ENERGIES PRIVATE LIMITED Plot No. 1071, Road No.44, Jubilee Hills, Hyderabad-500033, Telangana

Fax: 040-23540287

Email: nanda.pm@greenkogroup.com

Sub: Site Specific Design Earthquake Parameters for Pinnapuram Pumped Storage

Project, Andhra Pradesh - reg.

Ref: Project authority's letter no. GEPL/PINNAPURAM/2019-1107 dated 06.112019.

Sir,

This is with reference to your aforesaid letter vide which the site specific seismic study report of the Pinnapuram Pumped Storage Project, Andhra Pradesh was submitted to the National Committee on Seismic Design Parameters (NCSDP) for approval.

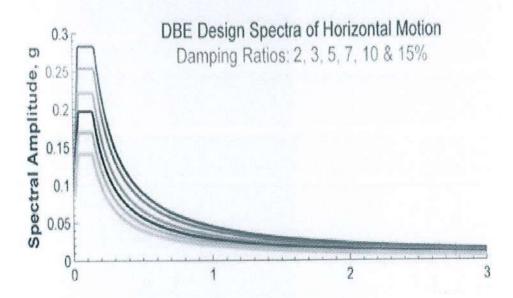
The NCSDP has approved study report of aforesaid project in its 36<sup>th</sup> meeting held on 14<sup>th</sup>August, 2020.

16/10/20120

Contd.....

The seismic design parameters of Pinnapuram Pumped Storage Project, Andhra Pradesh summarized in the Minutes of the NCSDP meeting are reproduced below:

#### (a) Response Spectra (DBE-H)



#### (b) Other seismic parameters

Max. Credible Earthquake	5.7	Horizontal distance to surface projection of fault (R <sub>JB</sub> ) (km)		12.3
Horizontal seismic co-efficient (α <sub>h</sub> )		.06	Vertical seismic co-efficient (α <sub>ν</sub> )	0.04
Strong motion duration (second)		5	Total duration (second)	25
Report reference			ect authority's letter no. ./Pinnapuram/BD/20191115 dated	15.11.2019.

It is requested to do the needful for the safe design of the Pinnapuram Pumped Storage Project, Andhra Pradesh components as per NCSDP's approval.

Yours faithfully,

Director (FE&SA) & Member-Secy (NCSDP)





## भारत सरकार Government of India विद्युत मंत्रालय Ministry of Power केन्द्रीय विद्युत प्राधिकरण Central Electricity Authority जल परियोजना आयोजन एवंअन्वेषणप्रभाग Hydro Project Planning & Investigation Division

No. 81/3/2020-HPP&I/850

Date: 27.05.2020

M/s Greenko Energies Private Limited, Plot No. 1071, Road No. 44, Jubilee Hills, Hyderabad-500033, Telangana.

Sub: Pinnapuram Standalone Pumped Storage Project-request for support for expeditious construction of the project.

Sir.

Reference is invited to M/s Greenko letter no. GEPL/ 2019-2020/BD/20191021 dated 21.10.2019 on the above mentioned subject wherein permission has been sought to take up excavation activities on certain critical components including the embankments and the deep seated power house etc. of the above cited Pumped Storage Project (PSP) before accord of concurrence by CEA. It has been stated in the letter that this will compress the construction period of the project by about 6 months, thereby making it competitive with other technologies of energy storage. Subsequently, as desired during the meeting held in CEA on 07.11.2019, M/s Greenko also submitted the quantum and extent of the proposed excavation activities.

In this connection, it is to mention that majority of clearances/ conditional clearances required for submission of DPR for Pinnapuram Standalone Pumped Storage Project have already been accorded including the same by GSI, CSMRS as well as CWC (for civil designs & embankment designs etc.). It is also to add that the issue of taking up excavation activities on certain critical project components had been discussed at length with the other appraising agencies viz. GSI, CSMRS and CWC in the meetings held in CEA and it was noted that no separate permission was being granted by CEA to any developer for start of construction or excavation. As such, it was felt that there should be no need for any such permission in case of Pinnapuram project as well. However, keeping in view the need for faster implementation of the PSP component of the Pinnapuram Integrated Renewable Energy Project for providing

balancing support to its Solar and Wind generator components, thereby, helping in maintaining the overall grid security and stability in general, CEA does not have any objection to the aforesaid advance excavation before concurrence, subject to the following conditions:

- Advance excavation would be carried out by M/s GREENKO at their own risk & cost and they would be solely responsible for the loss of men & material, if any, in the process.
- ii) Due permissions/ clearances from all concerned authorities shall be obtained by M/s GREENKO before carrying out any advance excavations.
- iii) Necessary safety and support measures required during excavation, as advised by GSI, shall be ensured by M/s GREENKO.
- iv) The project site would be restored to its original condition by M/s GREENKO, in case the project is abandoned for any reason, whatsoever, at a later date.

Yours Sincerely,

misages pos

(Manoj Tripathi) Director (HPP&I)

#### Copy to:

- Special Chief Secretary & Head (Energy Dept.), Government of Andhra Pradesh, Secretariat, Hyderabad-500001.
- Director, EPE Division, DGCO, Geological Survey of India, A-II, Pushpa Bhawan, Madangir Road, New Delhi.
- 3. Director, CSMRS, Olof Palme Marg, Hauz Khas, New Delhi.
- 4. Chief Engineer, Designs (NW&S), Central Water Commission, Sewa Bhawan, R.K. Puram, New Delhi.
- 5. SA to Chairperson, CEA
- 6. SA to Member (Hydro), CEA.

# STATUS REPORT ON CORPORATE SOCIAL & ENVIRONMENT RESPONSIBILITY (CSER) ACTIVITY AT PINNAPURAM IRESP LOCATED AT KURNOOL DISTRICT, ANDHRA PRADESH STATE

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#### 1. INTRODUCTION

Greenko Group as part of its overall business operations is addressing many important aspects of local sustainable development like Social, Economic and Environment development and specifically issues associated with Climate Change, Local and Regional Environmental Degradation, Powering the Economy, Generating Wealth and Employment, Technology Innovation and Inclusive Development. It is addressing these issues through its Corporate Social and Environment Policy initiatives. In line with the above policy this status report presents the details of the Corporate Environment Responsibility (CER) Plan implemented at Pinnapuram Integrated Renewable Energy and Storage Project (IRESP) located at Kurnool District, Andhra Pradesh.

#### 2. CORPORATE SOCIAL & ENVIRONMENT POLICY

Greenko Group is committed to sustainable development at all its facilities and work to the satisfaction of all stakeholders while fulfilling its social, economic and environmental responsibilities. Social Responsibility being one of its core values, it aligns its community development activities through regular stakeholder engagements resulting in inclusive growth.

#### 2.1 Vision

Greenko Group aims to improve the quality of life of our neighborhood communities through equitable and proactive smart initiatives in spheres of education, health, rural development, environment and livelihoods resulting in improvement of the overall local social, economic and environmental conditions. The Group aims to achieve its vision through an effective institutional setup with a dedicated team and a well-designed program-based approach, management systems, stakeholder engagements, monitoring and impact assessments.

#### 2.2 Policy Principles

Some of the Social and Environment Policy guiding principles for achieving the above sustainable development vision include to ensure that all Group level activities at both operations and projects:

- Are environmentally and socially sustainable
- Are compliant with applicable environmental and social regulations in the host country and the commitments of the country to international laws/ agreements
- Are compliant with the applicable green or clean energy guidelines
- Anticipate environment and social impact of its projects through environmental and social impact assessment

- Continually monitor their environmental and social impact and take appropriate measures for remedying or correcting or avoiding in future
- Pursue fair labor and safe working conditions, promote equal opportunity, work-life balance and respect human rights of employees and community.
- Anticipate and avoid adverse impacts on the health, safety and security of the employees and community.
- Anticipate and avoid or minimize adverse social and economic impacts.
- Pursue resource efficiency, pollution prevention and minimize waste generation.
- Protect and conserve biodiversity and practice sustainable management.
- Avoid negative impact on cultural heritage and indigenous peoples' rights
- Ensure that all personnel working for Greenko are aware of the environmental and social requirements relevant to their area of work
- Continually build capacity, through training or other means, to identify environmental and social risks as well as to identify mitigating measures

#### 2.3 Policy Thrust Areas and Objectives

At the Group level Greenko has identified five critical areas to focus for its Corporate Social and Environment Responsibility initiatives. The focus areas and the broad objectives under the identified thrust areas which are in line with the relevant United Nations Sustainable Development Goals include the following.

- ✓ **Education** To ensure access to equitable and quality primary and secondary education leading to relevant and effective learning outcomes in rural communities.
- ✓ Healthcare To provide access to quality healthcare to our workforce and the rural communities close to our operations.
- ✓ Rural Development To improve the living standards of rural people in an equitable and sustainable manner through creation of community services and facilities.
- ✓ **Livelihoods & Skill Development** To ensure access to skill training for the local people leading to relevant and sustainable livelihoods for rural communities.
- ✓ **Environment** To protect and manage the living natural resources within its project vicinity and promote the conservation of biodiversity.

#### 3. PROJECT AFFECTED AREA FOR CSER ACTIVITY

The proposed Project is located at Pinnapuram Village under Panyam Mandal, Kurnool District of Andhra Pradesh State. The Project affected District, Tehsils and Villages is presented in **Table 1** below.

**Table 1: Affected Area around the Project** 

District	Mandal	Gram Panchayat	Name of Village /Hamlet
	Panyam	Pinnapuram	Pinnapuram
Kurnool	Panyam	Thammarajpalli	Thammarajpalli
	Orvakal	Brahamanapalle	Brahamanapalle & Gumtham Thanda
	Gadivemula	Chennakkapalle	Ondutla

Among the affected villages Pinnapuram Village and Gumtham Thanda Hamlet under Brahamanapalle Village are in close vicinity of the Project and affected due to the Project activities. Ondutla Village under Chennakkapalle Panchayat is partially affected by the Project activity. Although the affected Gram Panchayat under Gadivemula Mandal is named as Chennakkapalle there is no habitation/settlement with that name.

#### 4. FOCUS AREAS FOR CSER ACTIVITY

Based on the need assessment and local consultations in project affected villages the following focus areas covering many important components of the sustainable development such as social, economic, livelihoods and environment are identified and set of development activities proposed under each focus area for the benefit of the local people under the Project. The **Table 2** below presents the thrust area and the nature of activity proposed as part of the CER Plan.

**Table 2: Focus Area and Nature of CSER Activity** 

Focus Area	Nature of Activity		
Education	<ul> <li>Need based infrastructure support for existing Schools</li> <li>Support for basic amenities in existing Schools</li> <li>Support for teaching and learning materials</li> <li>Support for improving quality of education</li> <li>Support for meritorious students</li> </ul>		
Health Care	<ul> <li>Support or general and specialized health camps</li> <li>Support to existing health facility</li> <li>Support through mobile health care services</li> <li>Support for emergency health care services</li> <li>Awareness on Health and Hygiene</li> </ul>		

Focus Area	Nature of Activity
Infrastructure Development	<ul> <li>Support for strengthening existing roads</li> <li>Support for existing transportation services</li> <li>Support for Drinking Water facilities</li> <li>Support in garbage collection/disposal</li> <li>Support for Street Lighting facilities</li> <li>Support for Community Toilet facilities</li> </ul>
Skill Development and Training	<ul> <li>Skill Training of local youth for Job skills</li> <li>Support for Vocational Training in market trades</li> <li>Support for capacity building of local Teachers</li> </ul>
Livelihood Enhancement for Job Opportunities	<ul> <li>Support to un-employed youth for small enterprises</li> <li>Support to local youth for self-employment</li> <li>Support to local women for household enterprises</li> <li>Support to local artisans</li> <li>Support for training and capacity building of local women</li> </ul>
Environment Conservation and Protection Awareness	<ul> <li>Plantation along roads/open spaces/ community lands</li> <li>Strengthening existing water resources</li> <li>Awareness and Training on conservation of natural resources</li> </ul>
Sports	<ul> <li>Support the local schools with play material and equipment</li> <li>Support for local Anganwadi Centers with play equipment</li> <li>Support for developing play grounds</li> <li>Support the local sports events</li> <li>Support the performing local sports persons</li> </ul>
Agriculture and Animal Husbandry	<ul> <li>Support for natural farming /organic farming</li> <li>Awareness and training on modern agricultural practices</li> <li>Support for Veterinary services through Veterinary camps</li> <li>Promote water efficiency Precision Agriculture</li> </ul>
Rain Water Harvesting	<ul> <li>Construction of check dams and bunds.</li> <li>Restoration of storage tanks</li> <li>Support for drain water recovery and percolation ponds</li> </ul>
Common Interest Activity	<ul> <li>Support for Community Infrastructure</li> <li>Promoting local culture and traditions</li> <li>Support for protection of local art forms</li> <li>Support for protection of local heritage</li> </ul>

#### 5. CSER PLAN IMPLEMENTATION

For implementing the CSER Plan under the Pinnapuram IREP after a thorough understanding of the local context and stakeholders we are adopting a multi stakeholder partnership implementation model by integrating the development activity with more focus on education, health, environment and economic objectives of the local people. The Table 3 below provides the list of CSER activity implemented till October 2021.

Table 3: List of CSER Activity Completed and On-Going till October 2021

SI No	Focus Area/ Activity	Details of Activity
Α	EDUCATION	
1	Repair and renovation of existing Government Upper Primary School at Pinnapuram Village.	<ul> <li>School Building repairs</li> <li>Painting for existing structures etc</li> <li>Providing Tables and Chairs</li> <li>Providing Classroom Desks</li> <li>Providing school bags and notebooks to students</li> <li>Construction Bio Toilet Facility</li> <li>Setting up of Drinking Water Cooler</li> <li>Compound walls construction</li> </ul>
2	Repair and renovation of existing Government Upper Primary School at Ondutla Village.	<ul> <li>School Building repairs</li> <li>Painting for existing structures etc</li> <li>Providing Classroom Desks</li> <li>Providing school bags and notebooks to students</li> <li>Construction Bio Toilet Facility</li> <li>Setting up of Drinking Water Cooler</li> </ul>
3	Repair and renovation of existing Government Primary School at Brahamanpalli Village.	<ul> <li>School Building repairs</li> <li>Painting for existing structures etc</li> <li>Providing Classroom Desks</li> <li>Setting up of Drinking Water Cooler</li> </ul>
4	Development of Govt Primary School at Gumtham Thanda Village	<ul> <li>School Building repairs</li> <li>Painting for existing structures etc</li> <li>Providing Classroom Desks</li> </ul>
5	Provide new amenities in the existing Anganwadi Centre at Brahamanapalli Village	<ul><li>Tables and Chairs for kids</li><li>Play Equipment for kids</li></ul>

SI No	Focus Area/ Activity	Details of Activity
6	Provide new amenities in the existing Anganwadi Centre at Gumtham Thanda Village	<ul><li>Tables and Chairs for kids</li><li>Play Equipment for kids</li></ul>
7	Provide teaching and learning material to existing Govt Schools at Pinnapuram and Ondutla Villages	<ul> <li>Providing books,</li> <li>Providing computers and Printers</li> <li>Providing display charts, etc</li> </ul>
8	Provide additional teachers (Vidya Volunteers) for Govt Upper Primary School at Pinnapuram	<ul> <li>Providing Maths and Science Teachers for 3 years</li> </ul>
В	HEALTH CARE	
1	Provide Mobile Health Clinic	<ul> <li>Provided a well equipped Hospital on Wheels</li> <li>Mobile Clinic with full time Doctor, Technician cum pharmacist</li> <li>Conducted diagnostic tests</li> <li>Mobile Clinic conducts medical camps.</li> </ul>
2	Conduct General and specialised Health camps	<ul> <li>Conducted General health Camps</li> <li>Conducted Eye Screening Camps</li> <li>Conducted Cancer Screening Camps</li> </ul>
С	INFRASTRUCTURE DEVELOPMENT	
1	Providing Drinking Water Facility with RO Plant at Pinnapuram Village	<ul> <li>Constructed De Ionization RO Plant for Drinking Water</li> <li>Dug borewells at distance of 2 kms and layed pipeline to the Village</li> <li>Maintenance of the RO Plant</li> </ul>
2	Supply of Drinking Water through Water Tankers	<ul> <li>Supplied Drinking water through Water Tankers to Pinnapuram Village</li> </ul>
3	Repair/renovation of the existing drinking water resources in Pinnapuram	<ul> <li>Reconstruction of Open well</li> <li>Provided Syntex Water tank</li> </ul>
4	Provided LED Street Lighting facility	<ul> <li>Provided LED street lighting facility at Pinnapuram</li> <li>Provided LED street lighting facility at Ondutla</li> <li>Installation of Street Lights at Brahamanpalli</li> </ul>

SI No	Focus Area/ Activity	Details of Activity		
		LED Street Lights at Gumtham Thanda		
D	SKILL DEVELOPMENT AND TRAINING			
1	Skill Training for local un-employed youth at Skill Development Centre	<ul> <li>Provided Skill Development         Training to 25 youth at Skill         Development Center at Gani for         Solar installation and operation         trade     </li> </ul>		
E	AGRICULTURE AND ANIMAL HUSBANDRY			
1	Construction of drinking water ponds for Livestock	<ul> <li>Constructed water ponds for Livestock (Sheep/Buffalos) at Pinnapuram village</li> </ul>		
2	Promote natural farming/ organic farming	Sponsored training to local framers		
3	Conduct Veterinary Camps for livestock	<ul> <li>Planned for conducting a veterinary camp in Pinnapuram Village</li> </ul>		
F	ENVIRONMENT			
1	Tree Plantation	<ul> <li>Plantation in available village level institutions (schools, religious places, offices etc)</li> </ul>		
G	SPORTS			
1	Provide sports material to local Schools, Anganwadi Centres and village youth	<ul> <li>Provided Sports Material to Upper Primary Schools at Pinnapuram and Ondutla</li> </ul>		

## Table 3: Amount Utilised for CER Activity Completed and On-going till October 2021

#### **Completed Activity**

SI. No.	Name of the Activity/Program	Focus Area	Amount Spent (Rs)	
1	Infrastructure Development of Upper Primary School at Pinnapuram	Education	1782350	
2	Establishment and Maintenance RO Plant at Pinnapuram	Rural Development	2500000	
3	Drinking Water Supply through Water Tankers at Pinnapuram	Rural Development	800000	
4	Open Well Renovation at Pinnapuram	Rural Development	600000	
5	Street Lights at Pinnapuram	Rural Development	235000	
6	Drinking Water Pond for Cattle at Pinnapuram	Rural Development	250000	
7	Skill Development Training at Pinnapuram	Education	100000	
8	Development of Upper Primary School at Ondutla	Education	785000	
9	Installation of LED Street Lights at Ondutla	Rural Development	165000	
10	Development of Primary School, Brahamanpalli	Education	900000	
11	Development of Anganwadi Center, Brahamanpalli	Education	65000	
12	Street Lights at Brahamanapalli	Rural Development	120000	
13	Development of Primary School, Gumtham Thanda	Education	266000	
14	Development of Anganwadi Center, Gumtham Thanda	Education	83800	
15	Street Lights at Gumtham Thanda	Rural Development	120000	
16	Provision of School Teacher (Vidya Volunteers) to Pinnapuram School	Education	180000	
17	Operation and Maintenance of RO Plant, Pinnapuram Village	Rural Development	120000	
18	General Medical Camp, Primary School, Vundutla Village	Health	29000	
19	General Medical Camp, Primary School, Pinnapuram Village	Health	14000	
20	A total of 78 numbers of Health Camps conducted through Mobile Clinic for Pinnapuram, Kalva, Thippaipalli, Ondutla, Gumtham Thanda, Brahamanpalle Village	Health	331414	
		Total	94,46,564	

#### **On-Going Activity**

SI. No.	Name of the Activity	Thrust Area	Estimated Budget (Rs)
1	Providing 1 Vidya Volunteer for MPP School for one year at Gummitham Thanda	Education	75,000
2	Providing 1 Vidya Volunteer for MPP School, Brahmanapalli for one year	Education	75,000
3	Support towards lighting and sound arrangements for SRI Rama temple at Pinnapuram	Rural Development	1,00,000
4	Provision of 15 nos of Street lights in Sakunala village	Rural Development	75,000
5	Construction of Iron Shed with power supply for local Sri Durgamatha Temple at Kalva.	Rural Development	9,00,000
		Total	12,25,000

S.No	Place Proposed	Name of the Activity	Estimated Budget (Rs.)	
1	Pinnapuram	Operator expenses	1025000	
		Pipeline works from bore to RO plant and RO to School New Bore connection at Sunkulamma Gudi area		
		Maintenance charges per year		
		Four Vidya Volunteer payments		
		500 Nos of transparent water jars		
2 Gumitham Tanda		Operator expenses	460000	
		Maintenance charges per year	51	
		LED Street Lights of 50 Nos	3	
		Total	14,85,000	

#### **Medical Health Camps**

S.No	Name of the Village	No of camps	Scheduled month	Estimated Amount
1	Gumitham Thanda	2	March & SEP 22	140000
2	Pinnapuram	2	March & SEP 22	140000
3	Driver Eye Colour blindness test for 100nos	1	April 22	40000
4	Driver Hearing Test for 100nos	1	Apirl22	20000
*			Total	3,40,000

#### 6. CER ACTIVITY AT A GLANCE

Infrastructure Development and other Support Activity at Government Upper Primary School at Pinnapuram Village













Infrastructure Development and other Support Activity at Government Upper Primary School at Ondulta Village













#### **Health Care Services through Mobile Clinic at Pinnapuram and other Villages**











#### **Drinking Water through RO Plant at Pinnapuram Village**





#### **Drinking water Supply through Water Tankers**



#### Restoration of Open wells at Pinnapuram







#### **Construction of Water Ponds for Livestock in Pinnapuram Village**



## Skill Development Training to local Youth from Project affected Villages at Greenkos Skill Development Centre at Gani Village







TUESDAY () | • () 9 • 2 () 2 ()

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.

newindianexpress com

## 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 anoth- Covid deaths so far (415).



Shielding themselves with face masks, people go about their business at APSRTC bus station in Tirupati on Monday I madhay k

**COVID DATA** DISTRICT New cases Anantapur 973 Chittoor 936 36649 415 1383 391 East Godavari 498 35761 376 Guntur 220 Kadapa 420 278 Krishna 686 44745 378 Kurnool Nellore 524 Prakasam 1023 243 Srikakulam 634 36694 289 Visakhapatnam Vizianagaram 1142 West Godavari Other States Other countries

TRACKING STATE'S

er 85 patients in the state took the Covid toll in the state to 3,969. In the 24 hours, Nellore report-

ed 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

total positive cases total recoveries 69,717 3,969 1,00,276 toll active cases samples tested 53.4% 11.68% 76.02% 0.91% in 24 hrs 8,772 | 85 population per positivity mortality recovery recoveries deaths million tested

## 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 positivetested 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

Lack of bookings

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

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

In off-season, occupancy is around 60-70 per cent,

which increases to 85-90 per cent during Bramhotsa-

two days, during which they visit all major temples

Hotels here employ 3,000-3,500 cooks, electricians,

"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 situ-

service boys and others who work in similar roles.

hits hotels hard

even several relaxations in restrictions later.

**EXPRESS NEWS SERVICE** @ Tirupati

vams. 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 situa-

tion is equally troublesome for em-

ployees," said Sasidhar, a member

of Tirumala-Tirupati Hotels' As-

sociation, and demanded that the

state government bail them out

ilv spends in the temple town is

The average time a visiting fam-

of occupancy.

financially.

here.

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-anhour 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.

## **PUBLIC** NOTICE

It is here by informed that my client Mr. M.Tyagaraju S/o Late M.Venkatappa has Lost/ misplaced his original link title deeds i.e., 3905 of 1999 and 849 of 1993 registered pertaining to All that the Plot No.22, admeasuring 240 sq.yds in survey no.243/2D, 243/2C and 243/2B after sub-division of Sy.Nos.243/2B1A, 243/2C1A, 243/2D1A, 243/2D3B, situated Thummalagunta Group of vedantapuram village Accounts, Thirupathi Rural Mandal, Thirupathi.

My Client has lodged a police complaint informing the loss to the concerned police station at Thirupathi and the concern Authority issued a Non Traceable Certificate dated 25.03.2015.

Further it is informed that, any person finding the above mentioned Title deed may return the same by way of registered post to the address given below or inform the undersigned by telephone. any person/(s) objections, any having claims, right, lien, title over the said property may please contact the under signed within 15 days from the date of publication of this notice with relevant documents in support of their claim, As otherwise my client will proceed treating no claims whatsoever in nature over the said property.

#### Sd/-K.Ram Ratan Reddy

Advocate #A4/B, Ground Floor, Vikrampuri Colony, Secundrabad- 500 009. Telangana Cell: 9390399911 &

9393099911 Email: k3r.advocate@gmail.com

## Managing Director

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We are leading manufacturers of hand sanitizers in South India. We are producing alcohol based hand sanitizers in different variants as per the WHO guidelines. We are looking for Stockiest and Distributors who have vast experience preferably in Pharmaceutical field or FMCG with network for marketing and promoting our hand sanitizers throughout the country wide. Interested parties may please send their profile with details through mail. And also contact the below mentioned numbers.

 sales.ho@niranigroups.com Cell 8151866691 2. admin@niranigroups.com Cell 9482773314

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■F&C: Financial and Corporate ■ BP: Back Page ■ FP: Front Page ■ Appt: Appointment

For Details: Contact our nearest office

## 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.



#### No. J-12011/12/2018-1A-1 (R)

#### **GOVERNMENT OF INDIA**

Ministry of Environment, Forest & Climate Change (IA.I Division)

Indira Paryavaran Bhawan 3 rd Floor, vayu Wing Jor Bagh Road, New Delhi-3 Dated: 14th July, 2020

M/S Greenko Energies Private Limited Plot No.1071, Road No. 44 Jubilee Hills, Hyderabad-500033

Email id: envifor.irepap@greenkoenergyprojects.com

Sub: Pinnapuram Integrated RESP-Storage Project (1200 MW) in Tehsil Nandyal, District Kurnool, Andhra Pradesh by M/S Greenko Energies Private Limited regarding Environmental Clearance

This has reference to your online proposal no. IA/AP/RIV/85218/2018 and your letter No. IREP/MoEF&CC/ EC/201811 13 dated 13.1 1 . 2018 on the above-mentioned subject

The above referred proposal was considered by the Expert Appraisal Committee (EAC) for River Valley & Hydroelectric projects in its 20th meeting held on 27.11.2018. The comments and observations of EAC on the project may be seen in the Minutes of the meeting which are available on the website of this

Pinnapuram IREP has been conceived as integrated project with solar, wind and pumped storage components. GoAP has approved the project with 1000 MW Solar, 550 MW Wind & 1200 M W of Standalone Pumped Storage capacities to be developed in Phase I. All three components of Pinnapuram IR EP are in close vicinity of each other and therefore power from all three components will be pooled into common pooling station and will be connected to PGCIL/CTU sub-station at Orvakallu for further supply in the National Grid. Proposed Standalone Pumped Storage Project (1200MW) is a part of Pinnapuran Integrated Renewable Energy Project (IREP). Environmental Clearance is being sought for Standalone Pumped Storage component only. Proposed project ids located near Village Pinnapuram in Panyam Mandal District Kurnool of Andhra Pradesh.

Terms of Reference (TOR) to Pinnapuram IREP of 1000 MW project was accorded by Ministry of Environment Forests and Climate Change (MoEF&CC), Government of India vide letter no. J 12011/12/2018-IA. I(R), dated: 17.052018. Subsequently, amendment to TOR for Standalone Pumped storage component (1200 M W) of Pinnapuram IRE Project was accorded by this Ministry vide letter no J-12011/12/2018-IA. I (R) dated 25.09.2018 for change in installed capacity, location, land, etc. Public hearing was held on 02.1 1.2018 near Mandal Parishad Upper Primary School, Pinnapuram, Panyam Mandal, Kurnool District, Andhra Pradesh. EIA report was submitted to the Ministry on 13.11.2018.

Project Proponent (PP) submitted in the EIA report and as informed to the EAC in the 20 th meeting that the project envisages creation of two new reservoirs near Pinnapuram village in Panyam Mandal, which is about 81 km from Kurnool, Andhra Pradesh. It involves non-consumptive re-utilization of 1.20 TMC of water to be taken from existing Gorakallu Reservoir to fill up Pinnapuram Upper reservoir, The Geographical coordinates of the proposed Pinnapuram upper reservoir are at longitude 78 0 15' 13' East and latitude is 15 0 36 '26" North and that of lower reservoir are 78 0 15 1 30" E and 15 0 37' 26" N. The full reservoir level and gross storage capacity of Upper reservoir are EL +463.00 m and 1.37 TMC, respectively whereas full reservoir level and gross storage capacity of Lower reservoir are EL +340,00 m and 1,42 TMC, respectively. The scheme envisages construction of Rock fill embankments of average height of around 12 m to 14 m with maximum of 33 m height in lower reservoir and 35 m in upper reservoir for very short reach; 45 m high RCC Intake structure; 6 Nos. of 760 m long and 7.0 m diameter inclined circular steel lined Penstock/ Pressure Shaft five for each unit of 200 MW and one bifurcated into two penstocks to feed two units of 100 MW; a surface Power house having an installa tion of 7 Nos. reversible Francis turbine - 5 each of 200 MW capacity and 2 each of 100 MW capacity; operating under a rated head of 119.27 m in generating mode and 125.77 m in pumping mode; 70 m wide concrete lined Tailrace channel with FSD of 6.00 m and 1300 m long connecting Tail race channel to the lower reservoir. PP submitted that for the development of Standalone Pumped Storage component of Pinnapuram IREP

land would be acquired for construction of project components, reservoir area, muck dumping, quarry ing, construction camps and colony, etc, based on the final project layout, land requirement has been finalized as 713.65 ha. Online application for diversion of 365.66 ha of forestland has been submitted vide proposal No. FP/AP/HYD/35371/2018 dated 28.08.2018. The Ministry of Environment, Forest 8 Climate change had issued in-principle approval for diversion of 365.66 Ha forestland for construction of pumped storage project in Kurnool Forest Division, Kurnool District of Andhra Pradesh in favour o M/S Greenko Energies Pvt. Limited on 23.04.2020.PP submitted that there is no National Park/ Wildlife Sanctuary within 10 km radius of the project area. Rollapadu Wildlife Sanctuary is about 1 1,50 Km from the Lower Reservoir area of the Pinnapuram IRE Project. Total cost of the 4 project is about Rs. 5468.03

Project benefits: Pinnapuram IREP has been conceived as integrated project with solar, wind and pumped storage components that can supply Schedulable Power on Demand (SPOD) which is Dispatchable & Schedulable Renewable Energy. The Project would facilitate employment creation for 2,350 people during construction (2,000) and operation (350).

The proposal was earlier considered in the 20 th EAC meeting on 27.1 1.2018. After detailed deliberations and considering all the facts of the project as presented by the PP including the Public Consultation, EAC has recommended the proposal for grant of Environmental Clearance. Accordingly the Ministry of Environment, Forest and Climate Change hereby accords Environmental Clearance for the above project as per the provisions of Environmental Impact Assessment Notification, 2006 and its subsequent amendments, subject to compliance of the Standard Environmental Conditions as enumer ated in the Annexure I and following additional conditions a

Approval from Competent Authority for allocation of 1.2 TMC of water on a non-consumptive basis from the Gorakallu Reservoir shall be obtained. The Environmental Management Plan (EMP) shall be strictly adhered to as submitted in the EIA/EMP

reports 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.

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 01 st May- 2018 Activities proposed by the Project Proponent under CER includes provision to following focus area viz. education (200.00 lakhs) Health care (Rs.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), Environment 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.

The clearance is valid for period of 10 years from the date of issue of this letter for commissioning of the project. After 5 years of the commissioning of the project, a study shall be undertaken regarding impact of the project on the environment and downstream ecology. The study shall be undertaken by an independent agency, decided in consultation with the Ministry.

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 plastics may be discouraged.

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.

VIII. Necessary permission to be obtained for quarrying construction materials for the project as per the ETA Notification, 2006 and subsequent amendments thereof.

IX. Preference to be given to the local villagers as per the requirements and suitability, in the job/ other opportunities in the project, etc.

Measures to be taken to develop skills of the local villager.) particularly with respect to the trades relats-

ded to construction works such as electrician, welder, fitter, etc. XI. All required permissions if any should be taken for the proposed Muck Dumping areas. Adequate pro-

tection measures should be taken up to avoid any spillage of muck to the adjoining agricultural fields. 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.

XIII. Preference to be given to the local villagers as per the requirements and suitability, in the job/ other XIV. Measures to be taken to develop skills of the local villagers particularly with respect to the trades relat-

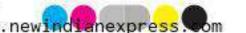
ed to construction works such as electrician, welder, fitter, etc. XV. Approval of Central Electricity Authority may be obtained for 1200 MW Pumped Storage Project.

XVI. Any other clearances from any other organizations/departments as applicable to the project shall be

This has approval of the Competent Authority.

Yours faithfully, (Dr A. Kerketta) Director-IA.I





ation improves," said K Nagaraju.





A majority of single-

getting only five per

cent occupancy even

star hotels are

after the ease of

establishments

pilgrimage

local hotels' assn

restrictions. These

opened to almost

no bookings as the

Sasidhar, a member of

3 రోజుల ఫసికందును వదిలేసిన

#### ವಿವಾಪಾತ ಬಲವನ್ನ ರಣಂ

305 Supplies to 1 , 22006 : 2020

కోవెలకుంటు మండలంలోని భీమునిపాడు గ్రామానికి చెందిన ఓ వివాహిత జలవ న్మరణానికి పాల్పడింది. ఎస్ఐ చంద్రకోఖర్రొరెడ్డి అందించిన సమాచారం మేరకు. గ్రామానికి రెందిన జోగి భాంతికుమారి(27) అనే మహిళను ఆమె భర్త మహేష్, బావ హరి. కొన్ని రోజులుగా మానసికంగా, కారీరకంగా వేధిస్తుండటంతో. జీవితం పై విరక్తి చెంది ఆదివారం రాత్రి జ్రేమ్ సంహారక గుళికలు మింగి ఆపస్వారక స్టితికి చేరుకుంది. చికిత్స నిమిత్తం ఆమెను నంద్వాల ప్రభుత్వానుపులికి తరలించా కోలుకోలేక మృతి చెందింది. తన కుమార్తె మృతికి భర్త, బావ, మరో ఐదుగురు కారణమని మృతురాలి తల్లి లలితమ్మ కోవిలకుంట్ల పోలీస్స్టేషన్లలో ఫిర్మారు చేసిం ది. ఈ మేరకు కేసు నమోదు లేసి దర్యాప్తు లేస్తున్నట్లు ఎస్ఐ తెలిపారు

#### అవమాన భారంతో..

తుగలి: ఆవమాన భారంతో ఓ మహిళ అత్మహత్యకు పాల్పడిం రి. ఎల్లమ్మగుట్ట తండాకు చెం దిన రమాచత్లక్ష్మేబాయి (85) తన కూతురు కవితను అదే తం దాకు కెందిన దేవేంద్రనా యక్ష్ణ ఇచ్చి రెండ్మేక్ల లైతం వివాహం దేసింది. ఆదవారం **පැමි** සංණූ ඛන්ණ ඒඛ సమయంలో అల్లడు లక్ష్మీ బాయి దేయిలాగి బలాత్కరించ అ**శ్ర హత్య చేసుకున్న లక్ష్మీ బాయి** 



బోయాడు. ఆమె చ్రతిఘటించడంతో బయటకు పరుగులు తీశాడు. జరిగిన ఘట నను ఆవమానంగా భావించి లక్ష్మీబాయి ఇంట్లోనే చీరతో ఉరేసుకుని ఆత్మహత్య రేసుకుంది. భర్త కృష్ణానాయక్ ఫిర్యాదు మేరకు కేసు నమోదు రేసుకుని దర్యాప్త దేన్నన్నట్లు జొన్నగర్ పోలీసులు తెలిపారు.

#### పేదలకమే శాపమై.

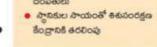
## పేగుబంధం భారమై..

అత్మకూరు: నవమాసాలు మోస్ పండంటే మగ బిడ్డకు జన్మనిప్పింది ఆమె. పీగు బంధాన్ని మాని సంబరపడాల్సిన ఆ దంపతుల్లో ఏద తెలియని అందోళన్ బతుకు దెరువు కోసం ఊరుకానీ ఊరికొర్పాం. చనిదేస్తే కానీ పూటగడవదు. ఇలాంటి పరిస్థితుల్తో పిల్లలను ఎలా పోషించుకోవాలని మదన పడారు. ప్రత్యామ్నాయం కనిపిందకపోవడంతో చివరకు పీగు బంధాన్నే వదులుకున్నారు. ఈ సంఘటన అత్మకూరు పట్టణంలో చోటు చేసుకుంది

ఒడిగా రాష్ట్రం నుంచి మౌనిక, రమేష్ దంప బతుకుదెదుపు కోసం అత్మకూరుకు ಶಂಭಾ వలన వర్సారు. డైనేజీ నిర్మాట పనులకు విక్తూ జీవనం సాగిస్తున్నారు. మౌనక ఈ సెల 28 వ తేదీన ఆత్మకూరు ప్రభుత్వ వైద్యశాలలో మగవి రైకు జన్మనిచ్చింది. 3 రోజుల తర్వాత అనుపుత్రి నుంచి డిళ్ళార్డ్ అయి సాయిబాబానగర్లోని ఇం బికి చేరుకున్నారు. ఆప్పటికే ఈ దంపతులకు ఇద్దరు మగపేల్లలు ఉన్నారు. ప్రస్తుత కుటుంబ ఆక్టిక పరిస్థితుల్లో మూరో సంతానాన్ని పోషిందే మార్గం కనిపించలేదు. దీంతో సోమవారం కరి శ్రీలక్ష్మీనరసింహస్వామి దేవా వేన గ్రామం లయం సమీపంలో విడ్డను వదిలి వెళ్లారు. ఆటు

ఇందిరా పర్యావరణ్ భవన్ 3వ అంతస్త్ర, వాయు వింగ్, జోరోబాగ్ రోడ్డున్యూ ఢిల్లీ-3,

వేద: 14 **జూ**ల్లె, 2020





ఇసీడీఎస్ సీడీపీకి లావణ్యకు పసికందును అప్పగిస్తున్న అత్మకూరు ఎస్ఐ వాగేంద్రప్రసాద్, పోసంగార్థ్ అమీర్

ససీకందు ఏదుపులు విని అత్యకారు ఎస్ఐ జద్దరు మగసిల్లలు ఉన్నారని, ఈ పిల్లవాడిని నాగేంద్ర బ్రసాపీకు సమాచారం అందజేశారు. తాము పోషించుకోలేమని రెప్పారు. రేసేందేమ పోలీసులు హంజాహంటిన అక్కడికి చేరుకుని అ పనీకందును అత్మకూరు ప్రభుత్వ వైద్యశాలకు తీమనెళ్లి వైద్యమందించారు. తర్వాత ఆరా తీస్ పనీకందు తల్లిదందులను పిలిపించి విదారం

వైపు వెక్తున్న ఎలేఐసీ ఉద్యోగి అంజనేయులు రారు. తమది పేద కుటుంబమని, ఇప్పటికే రేక శివవను అత్మకూరు ఇనీడేఎస్ సీడేపీఓ రావణ్య సాయంతో కర్నూలు శిశునంరక్షణా కేం ద్రానికి తరలించారు.

నెం. జె-12011/12/2018-1ఎ-1 (అర్) భారత ప్రభుత్వం

పర్యావరణం, అడవులు & వాతావరణ మార్చు మంత్రిత్వ శాఖ (ఐఎ.1 డివిజన్)

M/s. ಗ್ರೆಸಿಕ್ಎನರ್ಜಿ (ಬ್ರವೆಟ್ ಕಮಿವಿಜಿ, షాట్ నెం.1071, రోడ్మనెంబరు.44, జూర్లీ హర్స్, హైదరాబాద్ - 500033

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విషయం:పర్మావరణ అనుమతికి సంబంధించి మిస్పర్స్ గ్లీనోకో ఎనర్జీస్ డ్రివేట్ విమివిడ్ ద్వారా భురిపాదించబడిన పిన్నావరం బందిగ్గేవిడ్ ఆర్ఎఎస్స్ - స్టోరేజ్ స్టాజెక్ట్ (1200 మెగావాట్ల), సంద్యాల తపోసిల్, కర్నూలు ఉల్ల, అండ్రసైవేల్

డైన తెలిపిన విషయాగికి సంబంధించిన మీ ఆన్వేన్ డ్రవిపోదన చంబరు IAAP/RIV/85218/2018 మరియు మీ రెటర్ సంజరు IREP/MoEF&CC/ EC/201811 13 శేది: 13.11.2018కు జద్ నిర్లేశం

2 పైన నెలసిన ప్రజిపాదన లనర్ బ్యాల్ ఉ ప్రాట్ ఎంట్లిక్ ప్రాజెక్ట్ కోనెక్ట్ కోసం ఎక్కేవర్డ్ అబ్రింల్కమదీ (EAC)నే 27.11.2018న జరగిన పారి 20న సమావేతంలో పరిశ్రీసించిందింది. ప్రాజెక్ట్ ప్రాజెక్ట్ మమీ వ్యాల్లు మరియు వరిశీలనలను సమావేత కార్యమరంలు (Minutes)లో చూదవచ్చును. అని ఈ మంత్రిత్య కాల పెట్పొల్లలో లభిస్తాయి.
3. ప్రాస్టరం (REP) సౌక, మాయు మరియు మధ్య గ్రార్ట్ కాలహోసెంట్స్లతో సమీకృత ప్రాజెక్ట్గా రూపొందించబడింది. దశ-1లో

వ్యావరం గజిక్కా కారం, చాయు మరుయు ఎవ్వు శ్వరిణ కాలకానుల్పుకో ముక్కుక ప్రాణక్షగా రూపాలనించిందినంది. దెల\*16\* అభివృద్ధి చేయువే 1000 మెగావాట్ల సౌర. 550 మెగావాట్ల చాయు & 1200 మెగావాట్ల స్వేంద్విలోన్ పలప్ట్ క్వోరేజీ సామక్సారాలో అం.భ. ప్రభుత్వం ఈ ప్రాణెక్టేను అసాదంబింది. మిన్నావరం BREP యొక్క ఇన్ని మూరు కాలకోసిపట్లి ఒకలాడే ఒకలి ఇవి సమీపంలో వృత్సాయి. మరుయు అందు నలన అన్ని మూరు కాలపోసెంట్స్ నుంబి విద్యుత్ కామన్ షట్టింగ్ స్టేషన్లోకి సమీకృతం చేయుందుతుంది. మరుయు జాతీయ గ్రెస్ట్ లోకి తరుపరి నరివరా చేసేందుకు ఓత్వకల్లు వద్ద PGCIUCTU. సద్యోషన్కేక కుంపులు మండు కాంటు క్రాంకాం తయిన సంధార రెంటులు పర్వాణ్లు పల్ల PRODUCTO ఎద్యానుకు కుంపులుకుంది. భ్రతిపారిన స్పెండ్ ఎలోన్ పంప్ల్ గ్లోరేజ్ ప్రాంత్ (1200 కొంగాల్లు) కున్నావురు బండిగ్రీనిడ్ రెక్కువంలో ఎన్న ప్రాతిక్షే (IREP) లో లగం, స్పెండ్ఎలోన్ పంప్ల్ గ్లోరేజ్ కాంపోసెంటేకు మ్యావీరు ఇనుమున అనుముని కోరుడుంది. భరిపారిన ప్రాశిక్షే అంభిపునేశ రాష్టుంలోని కచ్చాలు జిల్ల పాల్వు మండుంలోని పిర్వావరం గ్రామం సమీపాన ఉంది. 4. పిర్వావరం అంకుమే 1000మోగాడాల్ల ప్రాశిక్షే కూడా విదారణ నిజంధగులు కటిషించి) పర్మావరంలు అదవులు మరియు వాతావరం

మార్చు మంత్రిత్వ కాట(MoEF&CC) భారత ప్రభుత్వందే లెటర్ నెం J-12011/12/2018-IA I(R). తేరు: 17.05.2018 ద్వారా ఇప్పబడింది.. తరుపరి స్వాపన పొమర్వల భువేశల, భూమి మెజ వాలిలో మార్చునకు మ్యాషికల IREP ప్రాజెక్ట్ యుక్క స్వించిఎలోన్ సంస్థ్ స్వోటీజ తాందోనింటే (1900 మగావాట్ల) కోసం TOR కు సవరణ రెలర్ నెం.ఎ-12011/12/2018-IA i (R) కేర్: 28,08,2018 బ్రహిళల ఈ మంత్రిత్వ శాఖనే ఇప్పబడింది. నుండల వరిసత్ ఇప్పర్ మైమరీ స్వార్ సమీపాన, పిన్నావరం పాల్యం మండలం, కర్నూలు జిల్ల, అంధ్రప్రదేశ్లలో 02.11.2018న బహిరంగ విరారణ అరుపలింది. ఇంపె నివేదిక మంత్రిత్వ కాలకు 13.11.2018న దాలలు చేయలదేనది.

EIA నివేదికలో స్టాజెక్ట్ స్టాఫోనెంట్(PP) డాలల చేయలదింది మరియు అంద్రప్రదేశ్ రాష్ట్రంలోని కర్నాలు నుంచి సమారు 81 కి.మీ. దూరంలో ఉన్న పాల్యం మండలంలోని పిక్కాషనం గ్రామం సమీపాన రెండు కొత్త రిజక్సాయన్ల కల్పనను ప్రాశెక్టే జమాస్తోందని 20న నిమావేశంలో ఇవిసికి తెలుపబడింది. అందులో మ్యాప్తనం అస్టర్ కిజక్సాయర్ నింపేందుకు ప్రస్తుతం ఉన్న గోరకల్లు రిజక్సాయర్ నుంచి తీసుకొనందే 1.20 TMCలు ఇవయోగించి నీటి వుకు పరియోగంతో ప్రమేయం కలిగి ఉంది. ప్రతిపాదిత పిన్నాపురం అప్పర్ రిజర్నాయర్ భౌగోళిక సమస్యమాలు. అాంగిజ్యూడ్ 78: 1813" మరియు అాటిజ్యూడ్ 15: 38' 38" ఉత్తరం మరియు లోయర్ రిజర్నాయర్ 78: 15: 30" తూర్పు మరియు 15: 37' 28" ఉత్తరం, అప్పర్ రిజర్నాయర్ యొక్క 26" ఇత్తరు మరియు లోయర్ రిజర్యాయర్ 78" 15" 30" ఉంట్లు మరియు 15" 37" 26" ఇత్తరు, అప్తర్ రిజర్యాయర్ యొక్క ప్రాల్ రిజర్యాయర్ స్టాయి మరియు 13" TMC లోయర్ రిజర్యాయర్ యొక్క ప్రాల్ రిజర్యాయర్ స్టాయి మరియు 13" TMC లోయర్ రిజర్యాయర్ యొక్క ప్రాల్ రిజర్యాయర్ స్టాయి మరియు 13" TMC లోయర్ రిజర్యాయర్ స్టాయి 14" TMC ఈ పథకంలో లోయర్ రిజర్యాయర్లో గరిపుంగా 33మ్. ఎక్కట్లో సమారుగా 12 మీ. నుంచి 14 మీ. సగలున ఎక్క గం మరియు ఇన్నర్ రిజర్యాయర్లో ఇది తక్కువ గులాదికి 33 మీ. 46మీ. ఎత్తుగల అన్నికి కి. జర్జిక్ బ్లక్స్ నల కాకేసిల్ ఎంబ్యాంకోవింది. సౌకర్యం సిల్ క్లర్డ్ పెన్ స్టార్ట్ 70 మీ సార్ట్ పైన్ 20"మానాల్లు గట్టుంగి నుంచి మరియు 7.0 మీ. రయామీటర్ నిష్టుల్లుకే సర్వ్యాంక్ స్ట్రీల్ స్టర్ట్ పెన్ ప్రేట్ 20"మానాల్లు గట్టుంగిని మరియు మరియు 100 మానాల్లు గెల రుడు యూరిక్లుకు పేడ్ వేయబటకు పేందు మన్ స్టార్ట్ లోకి ఒకలిగా విభితందినది. ఒక్కౌక్కల్ 300 మెగానాల్లు సామర్థం గల 5 మరియు ఒక్కౌక్కర్ 100 మెగానాల్లు సామర్థం గల 0వల్లుతో ప్రార్క్ 18" 25" మరియు మరియు 12" నెల్లం గల 12" నెల్లం స్ట్రీల్ 10" మెగానాల్లు సామర్థం గల 12" నెల్లం స్ట్రీల్ 10" మెగానాల్లు సామర్థం గల 5 మరియు ఒక్కౌక్కర్ 100 మెగానాల్లు సామర్థం గల 12" నెల్లం స్ట్రీల్ స్ట్రిక్ ప్రేట్ స్ట్రిక్ స్ట్రిక్ స్ట్రిక్ ప్రాల్లం గల 5 మరియు మరియం చిందిని ఇంట్ ప్రాల్లం గల 12" నెల్లం నేట్ క్లింక్ స్ట్రిక్ స్ట్రిక్స్ క్లింక్ స్ట్రిక్స్ ప్రాల్లం గల 12" నెల్లం స్ట్రిక్ ప్రాల్లం గల 5 మరియు మరియం 10 ఎక్కుట్ నిక్కర్ట్ క్లార్లం క్లుక్ క్లార్లం క్లార్లం స్ట్రిక్స్ ప్రాల్లం క్లార్ట్ క్లార్ట్ క్లార్టుల్లం క్లార్టుంగి క్లార్టుల్లు క్లార్ట్ క్లార్ట్ క్లార్ట్ క్లార్ట్ కట్టింకుండి క్లార్టుల్లు క్లార్ట్ క్లార్ట్ల్ క్లార్ట్ క్లార్ట్

మీ. రేలిని హెట్ క్రింద ఆవరేటింగ్, లోయర్ రిజర్మాయరికు బైట్ కోకు ధానల్ కలోపిందుకు 1900 మరియు 6.00మీ. పొడుప్రగల FSD# 70 మీ. వెరల్పు గల కాంక్రేట్ టైస్ట్ టెలుల్ లోకి ధానల్ స్విమ సర్వేస్ మన్ హౌష్ గిర్మాణం ఊహించిందుతోంది. మ్యూషిరం BREP కి స్వాంక్ఎలోన్ పంస్ట్ స్వోరీజ్ కాంపోనెంటే అధివృద్ధి కోసం PP దరఖాస్త్ర లేయుందింది. ప్రాతిక్ష్ కాంపోనెంట్స్ రిజర్వాయర్ ఏరియా మన్ చంపింగ్, క్యారీయింగ్, క్యాంపులు మరియు కాంచీ నిర్మాణం మొదలైన వాటి నిర్మాణానికి టామి సనరించవలని వింది. ఉది ప్రాశిశ్ర లేదిల్ పై ఆదారపడి భూమి ఆవశ్వరత 713.65 హెట్టామ్లగా ఖరారు చేయబడింది. ప్రతిపాదన

నందరు FPIAP/HYD/35371/2018 తేదీ: 28.08.2018 భవారం 365.66 హెక్టార్ల అటవీ భామి మక్కింపునకు అనేసైన్ దరథాపు రాఖలు చేయలనింది. Mile గ్రస్తికో ఎరక్టిక్ గ్రైవేట్ కుమెటిక్ పేరున అండ్రుపైదేశ్ రాష్ట్రంలోని కర్నూలు ఉన్న కర్నూల ఫారెస్ట్ లివిజన్లో, సంస్థ్ స్టోరేజ ప్రారెక్ట్ నిర్మాణానికి 368.66 హెక్టార్లు అంది భూమి మర్చించినరు సర్మావరం, అదవులు ఉ చాతావరం మార్చు మంత్రిత్వ శాఖ సాత్ర ప్రాయంగా 23.04.2020న అమోదం తెలియజేసింది. ప్రారెక్ట్ ఏరియా 10కి.మీ. పరింలో నేషనల్ పార్క్ / పన్నపాడ అభమారంఖు లేనని పి.పి. దాఖలు చేయుందింది. పిన్నాషనం BPEP ప్రాతిక్ష యొక్క లోయర్ రజర్వాయర్ విరియా నుంచి సుమారంగా 11.60 కి.మీల దూరంలో రోళ్ళపాడు వర్యప్రాడ్ అంక్సువరీ ఉంది. ప్రాతిక్షు మొక్తం

ప్రాకెక్ట్ ప్రయోజనాయా - పిన్నాప్రనం IREP సౌక, నాయు మరియు సంస్థ స్టోరీటి కాంపోనించ్చతో సమీకృథ ప్రాజెక్ట్గా రూపాంటించే ఇదీంది. ఇది పెన్నూబజరే పవర్ ఆస్ దేమాంద్ (SPOD) ను సధఫరా చేయులకు ఇది దీర్బాస్ట్రజులో చేయగల ఈ పెన్నూబ చేయగల రిమ్మనుబలే ఎవర్డ్. ఈ ప్రాజెక్ట్ సిర్మాణ కాలంలో (3000) మందికి, నిర్మనాణ కాలంలో (350) మందికి మీత్రం 2350 మందర్ ఉపాది కల్పిస్తుంది

ණ යුම්මන්ත් කරණන්තරේ 27.11.20185 සර්බන් 202 EAC බණනීණේ ක්රම්මරන්තර්රේ. බාලුර්රරේගම් එකා වඩ ඒක පතුතා විශ්යාර්ය වරුගත දුම්මලින් බාගොද්රෙන් වේද පතුගෙන් වර්ම්වරට මෙලේ , බවුර්රවුර බරුවේවරක මෙලේ වෙලුර්රය වේදර්ම කියලෙන් මිතිර EAC . වැළිරුත් විශර් ප දුපත්ර වෙලුර්ය భుగాన మరించి భుకలన 2006 నిలంధనలు మరియు జాని తరువరి సవరణల భూరం Annexure-! లో పేర్యాల్ల విధంగా ప్రామాణిక పర్యావరణ విలంధనలు మరుడు దగుడ అదనపు విజంధనలకు లోజడి, పై ప్రాకెక్ట్ కోసం .పర్యావరణ, అదవులు, మరియు వాతావరణ మార్చు మంత్రిత్వ శాఖ పర్యావరణ అనుమతిని మంజారు చేసింది.

గోరకల్లు రిజర్సాయర్ నుంచి వినియోగించని ప్రాతిపరికలై 1.2 TMCo నీటి కేటాయింపు కోసం సమర్థ ప్రాథికారి నుంచి ఆమోదం DOM:

EIA / EMP సమీకంలో రాఖలు చేసిన విధంగా ఎన్కరానిమెంటల్ మేనేజ్మేపల్ స్టాన్(EMP) ఖర్చికంగా పాటించాల్ మరియు EMP అమలు కోసం అరైలర్ ఏర్పాటు రూ.11839.65 లక్షల మొత్తాన్ని పూర్తిగా వినియోగించుకోవాలి మరియు మరే ఇతర అవసరాగికి మర్పించరాడు ధరస్వాయి మార్పు కారణంగా లేజా ప్రాకెక్ట్ వ్యయం సవరించిన సందర్భంలో ఇఎంపి వ్యయానికి దామాషా ప్రధారం అవ్**దీల్** చేయాల్.

మంత్రిత్వ శాఖ కార్యాలయం విమారాండం కేటి.01 మీ-2018 భకారం భకిపారిక కార్యకలాపాల కోసం కార్సోటేటీ ఎర్చికాన్మమంటలే సర్వార్టివరిటీ (CER) శ్రీంద దూ.27.35 కోట్ల పెట్టుండిని ఖర్చితంగా విరయోగించారి. CER శ్రంద ప్రాథెక్ట భవానిందినే భతిపాదించిన కార్మకలాపాలలో దిగువ తెలిపిన రంగాలకు అంటే విద్యకు (దూ.200.00 లక్షలు) ఆరోగ్య సంరక్షణకు (హ. 650.00 లక్షలు) మౌళిక పడుపాయాల అభివృద్ధికి (హ. 425.00 లక్షలు) నైస్త్యూ అభివృద్ధి మరియు మెరుగుపరిచిన ఉద్యోగ అవకాశాలకు, శిశ్రణకు (హ. 1100.00 లక్షలు) కామన్ జులరెస్ట్ యాక్షివిలీ (హ. 150.00లక్షలు) పర్యావరణ పరిశ్వణ మరియు సంరక్షణ జమాహనకు (మ. 18.00లక్షణ) జ్రీవంకు (మ. 120.00 లక్షణ) ప్రవసాయం మరియు వతసంవర్ధిక కాఖకు (మ. 78.00 లక్షణ) రెయిన్ వాలర్ హారిస్టింగోకు మ. 100.00 లక్షణ) ఎర్మాట్లు చేయబడినది. CER కార్మకుసాపాలకు ప్రాజెక్ట చలన ప్రభావానికి గురి అయ్యే గ్రామాలకు మౌలిక సమహియాల పడిష్ఠకడు ప్రాధాన్యక బవ్వాకి.

బ్రారంభించరానికి ఈ లెలర్ జారీ తేద: నుండి 10 సంవత్సరాల కారానికి అనుమతి చెల్లుకాటులో ఉంటుంది.

డ్డాజెక్ట్ బ్రారంభించికానికి ఈ రిజర్ జారి తేరు మంది 10 సంవత్యాలం జాలానికి అనుమతి చెడ్డుకాటులో ఉంటుంది. ప్రాజెక్ట్ బ్రారంభించిన న సంవత్యరాల తర్వాత, వర్మానరణం మరియు హెనిప్పేమ్ ఉదావరణంపై ప్రాజెక్ట్ పుధావానికి సులంధించి అర్వదువం చేపట్టాటి. మంత్రిత్వ జాఖతో సంఘటంటి నిర్ణయించిన స్వతంత ఎజెప్పి ద్వారా అర్వనునం చేపట్టుబడాటి. తత్తత్తి అంటన ఘనిస్వర్గాలు ముఖ్యంగా ప్రస్టిక్ పుర్గాలు ముధ్వానిని ద్వాంక్ ఫిల్ మెటీరియల్లో పారమునారు. దానిని సైంటీట్ అర్థోలోనే తట్టిమేసి, ర్వీజీట్ చేయాలి. ప్రాస్టిక్స్ మనియోగాన్ని ప్రోత్సపొంచికూడను. ప్రాజెక్ట్ కోసం సేకరించిన దూమి భమ్మతం ఉన్న మార్గదర్శక మాత్రాల ప్రకారం తగిన విధంగా నష్టపరిహారం జ్యూట్ రూపేవరణ షనరావాసం, పునకాభివృద్ధి చట్టం 3013లో సముచిత నష్టపరివారం మరియు పారదర్శకతకు చాక్కు నిలంధనల ప్రకారం ప్రైవేట్ sir-D: Tisthocrib.

EIA ప్రవజన 2006 మరియు ఆ తరుకాత దానిలో చేసిన సవరణల ప్రకారం ప్రాశిక్ష్ కోసం క్వారీయింగ్ నిర్మాణం మెలీరియల్స్ కోసం అననరమైన అనుమతి పొందాలి.

ప్రాజెక్టరో ఉన్నోసంగుకర అవకాతాలలో అవశ్వకతను, తగి షన్మకారి ప్రకారం స్వీరిక గ్రామస్వలకు ప్రాధాన్మక ఇప్పునును. స్వీరిక గ్రామీజులు ముఖ్యంగా ఎలక్షేషయన్, వెల్లర్, ఫిల్టర్ మొదదైనటువంది పర్మాణ పనులకు సంబంధించిన భోవ్లకు సంబంధిక వైషణ్య అభివృద్ధికి చర్యలు చేవట్నారి.

భరిపారిక మకే దుమిగ్ ఏరియాల కోసం అమనమైన ఇన్ని అనుమతులు తీసుకోవాలి. అనుకాని వున్న వ్యవసాయ పారాలలో

మకే వెరుజ్యకుండా నివారించడానికి తగిన రక్షణ చర్వలు తీసుకోవాలి. XXI. CER కార్వకులసాల క్రింద తాగునీటి సరఫరా, నిర్వహణ, జరోగ్య సురక్షణ సరుపాయాల కల్పన మొరలైనటువంటి మౌలక సరుపాయాలను ప్రాజెక్ట్ భుభావిక గ్రామాలలో వలేష్ట వెరచేందుకు రక్షణ తీసుకోవాలి. XXII. స్టాజెక్ట్లలో ఉద్యోగం/ జనర అమాతాలలో అవశ్వవతలు, తినిషన్మదాని భుతారం స్వాదక గ్రామవులకు ప్రాథాన్మత ఇవ్వాతి. XXIV. స్టారిక గ్రాముణులకు ముఖ్యంగా ఎల్మకేసమున్గా, విల్లన్, ఫిట్టర్ మొదలైన నిర్మాణ మనులకు సంబంధిందిన ట్రోట్లకు సంబంధిత

ANY స్వారం (గాముణులకు ముఖ్యంగా ఎలజైకుమనగా, వ్యారం, ఫిబ్బర్ మొదలైన సర్వాణ వనులకు సంబంధి ప్రవేశాల్లు అదివృద్ధికి చర్యబడేపట్లాని XV 1200 మెగావాట్ల ఎంస్ట్ స్టోరిజీ ప్రాజెక్ట్ కోసం పెంట్రట్ ఎలజైక్టివీటీ అకారిటీ జమోదం పొండాని. XVI. ప్రాజెక్టికు వద్దించే విధంగా ఏదేని జకర సంస్థలు/ శాఖల నుంచి ఎదేని జకర అనుమకులు పొండాని. సమర్థ ప్రారాకరి ఆమోదంతో జది జార్ చేయబడింది.

ಭವಕಿಯುಡು (GPs a).858(g). ಕರ್ಕರ ಟ.1

## Greenko Energies Private Limited



Dated: 04.08.2020

Ref:	IREP-Pinnapuram/SPO	CB/FC/200904
	P = 1 = 111/ 31 1	CD/ CC/ ZUUMIM

To,	0, /		Dated: 04.00.2020
¥	Environmental Engineer  A.P Pollution Control Board  Regional Office, 1st Floor,  Shanker Shopping Complex,  Krishna Nagar Main Gate, Kurnool	2	The Joint Chief Environmental Engineer, APPCB, Zonal Office, Kurnool.
3	The District Revenue Officer & Additional District Magistrate, Kurnool District.		The General Manager, District Industries Center, Kurnool, Kurnool District.
5	The Executive Officer, Gram Panchayath Office, Pinnapuram (V), Panyam (M), Kurnool Dt.	6	The Executive Officer, Gram Panchayath Office, Brahmanapalle (V), Orvakal (M), Kurnool.
7	The Chief Executive Officer, Zilla Parishad, Kurnool.	8	The Tahsildar Office, Panyam (M), Kurnool District.

Sub: Pinnapuram Integrated RESP-Storage Project (1200 MW) in Kurnool District, Andhra Pradesh being implemented by M/s Greenko Energies Pvt. Ltd.- Display of Environmental Clearance (EC) - reg.

Ref: MoEF&CC letter No. J12011/12/2018.IA.I, Dated 14.07.2020.

Dear Sir,

We would also like to bring your kind notice that, the Ministry of Environment, Forest & Climate Change (MoEF & CC) had granted Environmental Clearance (EC) for construction of pumped storage project in Kurnool Forest Division, Kurnool District of Andhra Pradesh in favor of M/s Greenko Energies Pvt. Ltd (GEPL) vide letter dated 14.07.2020.

As per the condition stipulated at ii of IX-Miscellaneous, Environmental Clearance shall be displayed at your office for information of the Public. Hence, the copy of Environmental Clearance issued to GEPL is herewith attached for display in your office notice board for a period of 30 days for information of the general public.

Thanking You, Yours faithfully

For M/s Greenko Energies Private Limited

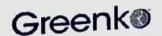
**Authorised Signatory** 

Encl: As above

Fon: kar

Registered Office: Plot No. 1071, Road No. 44, jubilee Hills, Hyderabad - 500033, Telanga

### Greenko Energies Private Limited (CIN: U40109TG2000FTC034990)



Dated: 04.08.2020

#### Ref: IRED-Dinnanus

ner:	IKEP-Pinnapuram/SPCB/EC/200804		
To,		The Joint Chief Environmental	
1	Environmental Engineer A.P Pollution Control Board Regional Office, 1st Floor, Shanker Shopping Complex, Krishna Nagar Main Gate, Kurnool	12	Engineer, APPCB, Zonal Office, Kurnool.
3	The District Revenue Officer & Additional District Magistrate, Kurnool District.	4	The General Manager, District Industries Center, Kurnool, Kurnool District.
5	The Executive Officer, Gram Panchayath Office, Pinnapuram (V), Panyam (M), Kurnool Dt.	6	The Executive Officer, Gram Panchayath Office, Brahmanapalle (V), Orvakal (M), Kurnool.
7	The Chief Executive Officer, Zilla Parishad, Kurnool.	8	The Tahsildar Office, Panyam (M), Kurnool District.

Sub: Pinnapuram Integrated RESP-Storage Project (1200 MW) in Kurnool District, Andhra Pradesh being implemented by M/s Greenko Energies Pvt. Ltd.- Display of Environmental Clearance (EC) - reg.

Ref: MoEF&CC letter No. J12011/12/2018.IA.I, Dated 14.07.2020.

Dear Sir,

We would also like to bring your kind notice that, the Ministry of Environment, Forest & Climate Change (MoEF & CC) had granted Environmental Clearance (EC) for construction of pumped storage project in Kurnool Forest Division, Kurnool District of Andhra Pradesh in favor of M/s Greenko Energies Pvt. Ltd (GEPL) vide letter dated 14.07.2020.

As per the condition stipulated at ii of IX-Miscellaneous, Environmental Clearance shall be displayed at your office for information of the Public. Hence, the copy of Environmental Clearance issued to GEPL is herewith attached for display in your office notice board for a period of 30 days for information of the general public.

Thanking You, Yours faithfully

For M/s Greenko Energies Private Limited

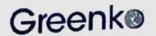
**Authorised Signatory** 

Encl: As above

For the By

#### Greenko Energies Private Limited

(CIN: U40109TG2000FTC034990)



Dated: 04.08.2020

Ref: IREP-Pinnapuram/SPCB/EC/200804

To,	, , , , , , , , , , , , , , , , , , , ,		
1	Environmental Engineer  A.P Pollution Control Board  Regional Office, 1 <sup>st</sup> Floor,  Shanker Shopping Complex,  Krishna Nagar Main Gate, Kurnool	2	The Joint Chief Environmental Engineer, APPCB, Zonal Office, Kurnool.
.3/	The District Revenue Officer & Additional District Magistrate, Kurnool District.	4	The General Manager, District Industries Center, Kurnool, Kurnool District.
5	The Executive Officer, Gram Panchayath Office, Pinnapuram (V), Panyam (M), Kurnool Dt.	6	The Executive Officer, Gram Panchayath Office, Brahmanapalle (V), Orvakal (M), Kurnool.
7	The Chief Executive Officer, Zilla Parishad Kurnool	8	The Tahsildar Office, Panyam (M), Kurnool District.

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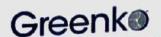
**Authorised Signatory** 

Encl: As above

Colf of the colf



No 1071, Road No 44, Juhiloc Hills, Hyderabad - 500033, Telangana, Ph: +91(40)40301000, Fax: +91(40) 2354 0287



Dated: 04.08.2020

#### Ref: IREP-Pinnapuram/SPCB/EC/200804

Го,			
1	Environmental Engineer A.P Pollution Control Board Regional Office, 1st Floor, Shanker Shopping Complex, Krishna Nagar Main Gate, Kurnool	2	The Joint Chief Environmental Engineer, APPCB, Zonal Office, Kurnool.
3	The District Revenue Officer & Additional District Magistrate, Kurnool District.	9	The General Manager, District Industries Center, Kurnool, Kurnool District.
5	The Executive Officer, Gram Panchayath Office, Pinnapuram (V), Panyam (M), Kurnool Dt.	1000	The Executive Officer, Gram Panchayath Office, Brahmanapalle (V), Orvakal (M), Kurnool.
7	The Chief Executive Officer, Zilla Parishad, Kurnool.	8	The Tahsildar Office, Panyam (M), Kurnool District.

Sub: Pinnapuram Integrated RESP-Storage Project (1200 MW) in Kurnool District, Andhra Pradesh being implemented by M/s Greenko Energies Pvt. Ltd.- Display of Environmental Clearance (EC) - reg.

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For M/s Greenko Energies Private Limited

**Authorised Signatory** 

Encl: As above

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Dated: 04.08.2020

Ref: IREP-Pinnapuram/SPCR/FC/200804

To,	mapuram/SPCB/EC/200804		
1	Environmental Engineer A.P Pollution Control Board Regional Office, 1 <sup>st</sup> Floor, Shanker Shopping Complex, Krishna Nagar Main Gate, Kurnool	2	The Joint Chief Environmental Engineer, APPCB, Zonal Office, Kurnool.
3	The District Revenue Officer & Additional District Magistrate, Kurnool District.	4	The General Manager, District Industries Center, Kurnool, Kurnool District.
3	The Executive Officer, Gram Panchayath Office, Pinnapuram (V), Panyam (M), Kurnool Dt.	6	The Executive Officer, Gram Panchayath Office, Brahmanapalle (V), Orvakal (M), Kurnool.
7	The Chief Executive Officer, Zilla Parishad, Kurnool,	8	The Tahsildar Office, Panyam (M),

Sub: Pinnapuram Integrated RESP-Storage Project (1200 MW) in Kurnool District, Andhra Pradesh being implemented by M/s Greenko Energies Pvt. Ltd.- Display of Environmental Clearance (EC) - reg.

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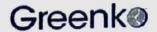
**Authorised Signatory** 

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Sals of the same more and a succession of the same of

#### Greenko Energies Private Limited (CIN: U40109TG2000FTC034990)



The Tahsildar Office, Panyam (M),

**Kurnool District.** 

Ref: IREP-Pinnapuram/SPCB/EC/200804			Dated: 04.08.2020
1	Environmental Engineer  A.P Pollution Control Board  Regional Office, 1 <sup>st</sup> Floor,  Shanker Shopping Complex,  Krishna Nagar Main Gate, Kurnool	2	The Joint Chief Environmental Engineer, APPCB, Zonal Office, Kurnool.
3	The District Revenue Officer & Additional District Magistrate, Kurnool District.	4	The General Manager, District Industries Center, Kurnool, Kurnool District.
5	The Executive Officer, Gram Panchayath Office, Pinnapuram (V), Panyam (M), Kurnool Dt.	6	The Executive Officer, Gram Panchayath Office, Brahmanapalle (V), Orvakal (M), Kurnool.
-			

Sub: Pinnapuram Integrated RESP-Storage Project (1200 MW) in Kurnool District, Andhra Pradesh being implemented by M/s Greenko Energies Pvt. Ltd.- Display of Environmental Clearance (EC) - reg.

Zilla

Ref: MoEF&CC letter No. J12011/12/2018.IA.I, Dated 14.07.2020.

Officer,

Chief Executive

Parishad, Kurnool.

Dear Sir.

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For M/s Greenko Energies Private Limited

**Authorised Signatory** 

For': le. By

Encl: As above

V. Manda J Panchayat Secretary Bramhanapalli (VI.), Orvekel (M), Karpool (D),

#### **Greenko Energies Private Limited** (CIN: U40109TG2000FTC034990)



#### Ref: IREP-Pinnapuram/SPC8/EC/200804

Dated: 04.08.2020

1	Environmental Engineer  A.P Pollution Control Board  Regional Office, 1 <sup>st</sup> Floor,  Shanker Shopping Complex,	2	The Joint Chief Environmental Engineer, APPCB, Zonal Office, Kurnool.
3	Krishna Nagar Main Gate, Kurnool The District Revenue Officer & Additional District Magistrate, Kurnool District.	4	The General Manager, District Industries Center, Kurnool, Kurnool District.
5	The Executive Officer, Gram Panchayath Office, Pinnapuram (V), Panyam (M), Kurnool Dt.	6	The Executive Officer, Gram Panchayath Office, Brahmanapalle (V), Orvakal (M), Kurnool.
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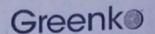
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**Authorised Signatory** 

9 446 2020 For: le. Bus





Ref:	IREP-Pinnapuram/SPCB	/FC	/200804
7	The state of the s	/	200004

Dated: 04.08.2020

1	Environmental Engineer A.P Pollution Control Board Regional Office, 1st Floor, Shanker Shopping Complex, Krishna Nagar Main Gate, Kurnool	2	The Joint Chief Environmental Engineer, APPCB, Zonal Office, Kurnool.
3	The District Revenue Officer & Additional District Magistrate, Kurnool District.	4	The General Manager, District Industries Center, Kurnool, Kurnool District.
5	The Executive Officer, Gram Panchayath Office, Pinnapuram (V), Panyam (M), Kurnool Dt.		The Executive Officer, Gram Panchayath Office, Brahmanapalle (V), Orvakal (M), Kurnool.
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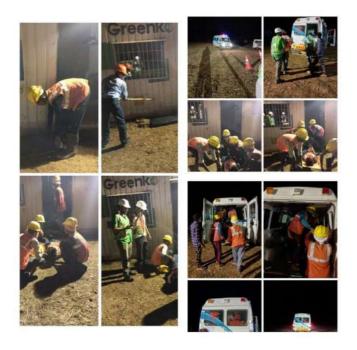
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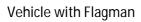
#### **ANNEXURE: PHOTOS OF SITE ACTIVITIES AND MONITORING ACTIVITIES**





MOCK DRILL







Tree Replantation along roadside

## ANNEXURE: PHOTOS OF SITE ACTIVITIES AND MONITORING ACTIVITIES AIR MONITORING INSTALLATION AND MONITORING









## ANNEXURE: PHOTOS OF SITE ACTIVITIES AND MONITORING ACTIVITIES NOISE MONITORING









## ANNEXURE: PHOTOS OF SITE ACTIVITIES AND MONITORING ACTIVITIES WATER SAMPLING COLLECTION

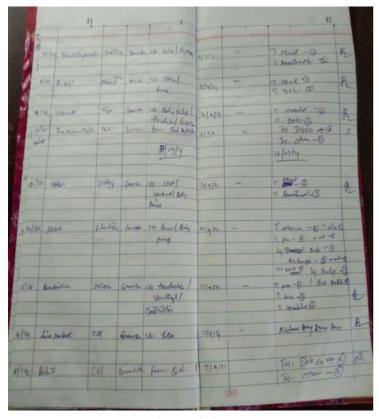








#### ANNEXURE: PHOTOS OF SITE ACTIVITIES AND MONITORING ACTIVITIES

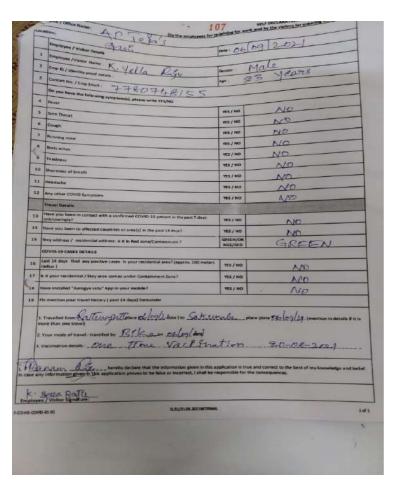


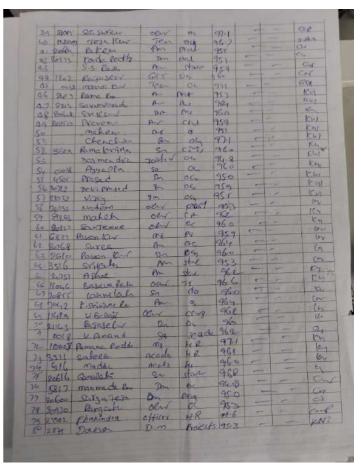
GREEPING INTEGRATED MANAGEMENT SYSTEMPEROGOGIA MEDICAL EXAMINATION

R. H. L. COLOR CO. 200 Jan. 1 Sec. 1 Se

MEDICAL REGISTER

MEDICAL REPORT





SELF DICLARATION FORM

TEMPERATURE MONITORING RECORD

Accredited by NABL vide certificate number TC-5064 MoEF & CC, NABET-QCI, ISO 9001 : 2015 & OHSAS 45001 : 2018

#### TEST REPORT

ANNEXURE - 9

Issued to:		Issued Date	20.11.2021		
M/s. Greenko Energies Private Limited.		Our Ref No	TC506421000020188F		
Plot No. 1366, Road No.	45, Jubilee Hills,	Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060		
Hyderabad – 500 033, To Site: <b>Greenko AP01 IR</b> Pinnapuram Village, Ku Andhra Pradesh-518 112	EP Private Limited. rnool district,	Your Ref Date	05.10.2021		
Sample collection date	08.11.2021 to 09.11.2021	Sample Description	Ambient Air		
Sample Registration date 12.11.2021		Sample(s) condition of testing Found Ok			
Monitoring Location	Project Site	Arputa madalaka maalaka e	THE REPORT OF THE PROPERTY OF		
Ambient Temperature °C	26 (Average)	Weather Condition	Clear AND MICHAEL MESON II		
Wind Direction	NW	Flow Rate of Gases	0.20 Walliam Res Sharm Are Wishmill		
Monitoring conducted by \	ISON LABS	THE REPORT OF THE PARTY OF THE	ASSESSMENT OF THE PROPERTY OF		

#### TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
1,	Particulate Matter (PM 10)	μg/m³	65	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM <sub>2.5</sub> )	μg/m³	34	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	10.0	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	24.6	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

Page 1 of 1

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

Checked by

Sr. Chemist

Authorized Signatory

VL/QM/7.8/TR

Accredited by NABL vide certificate number TC-5064 MoEF & CC, NABET-QCI, ISO 9001 : 2015 & OHSAS 45001 : 2018

## TEST REPORT

Issued to:		Issued Date	20.11.2021
ISSUEU IO.	Private Limited.	Our Ref No	TC506421000020184F
M/s. Greenko Energies Private Limited. Plot No. 1366, Road No. 45, Jubilee Hills, Hyderabad – 500 033, Telangana. Site: Greenko AP01 IREP Private Limited. Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060
		Your Ref Date	05.10.2021
Sample collection date	08.11.2021 to 09.11.2021	Sample Description	Ambient Air
Sample Registration date 12.11.2021		Sample(s) condition of testing	Found Ok
Monitoring Location	Pinnapuram Village	AT ABLANCOLLINES ARCHITECT	RIBOSTARS VISCALGRUS MOSTALDRIS MESSALI
Ambient Temperature °C	26 (Average)	Weather Condition	Clear
Wind Direction	NW THE RESERVE AND A VIEW	Flow Rate of Gases	0.20
Monitoring conducted by	VISON LABS	ATTAIN THE THAT THE THE AREA	ORGANIS AND STRUMBERS PERSONS AND COMMISSION OF THE PERSONS AND THE PERSONS AN

## TEST RESULTS

Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
Particulate Matter (PM 10)	μg/m³	30	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
The state of the s	μg/m³	16	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
CONTRACTOR STATE FOR THE CALL	μg/m³	5.0	<80	Improved West and Geake method (IS: 5182 P II - 2017)
Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	13.2	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)
	Particulate Matter (PM 10)  Particulate Matter (PM 2.5)  Sulphur Dioxide (SO2)	Parameters  Particulate Matter (PM $_{10}$ ) $\mu g/m^3$ Particulate Matter (PM $_{2.5}$ ) $\mu g/m^3$ Sulphur Dioxide (SO $_2$ ) , $\mu g/m^3$	Parameters     Test Results       Particulate Matter (PM $_{10}$ )     μg/m³     30       Particulate Matter (PM $_{2.5}$ )     μg/m³     16       Sulphur Dioxide (SO <sub>2</sub> )     μg/m³     5.0	Parameters     Test Results     Standards       Particulate Matter (PM $_{10}$ )     μg/m³     30     <100

Page 1 of

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

OR SOUTH	BUILDWINE ON THE VIEW PROPERTY OF	Determining
19 w24	0007	Quality
Checked by	Sr. Chemist	Authorized Signatory

Accredited by NABL vide certificate number TC-5064 MoEF & CC, NABET-QCI, ISO 9001: 2015 & OHSAS 45001: 2018

# TEST REPORT

· · · · · · · · · · · · · · · · · · ·	THE VIEW AND SHOULD BE	Issued Date	20.11.2021	
Issued to:	Duivate Limited	Our Ref No	TC506421000020183F	
M/s. Greenko Energies Private Limited. Plot No. 1366, Road No. 45, Jubilee Hills,		Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060	
Hyderabad – 500 033, Te Site: Greenko AP01 IR1 Pinnapuram Village, Kui Andhra Pradesh-518 112	elangana. EP Private Limited. rnool district,	Your Ref Date	05.10.2021	
Sample collection date	08.11.2021 to 09.11.2021	Sample Description	Ambient Air	
Sample Registration date 12.11.2021		Sample(s) condition of testing	Found Ok	
Monitoring Location	Brahmanpalle Bus Stand	SHILAND SEPTIMENTS MISSINFAINS	VISUALIANS VISCOLLAND MUNICIPAL STATE	
Ambient Temperature °C	26 (Average)	Weather Condition	Clear Character Character Character	
Wind Direction	NW COMPANY OF THE PROPERTY OF	Flow Rate of Gases	0.20	
Monitoring conducted by	VISON LABS	THE STATE OF THE S	The state of the s	

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
Tasina an	Particulate Matter (PM 10)	μg/m³	52	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	26	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	8.2	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	24.3	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)
		ACCESS OF STREET			Page 1 of

Page 1 of 1

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

Quality Authorized Signatory Sr. Chemist Checked by

Accredited by NABL vide certificate number TC-5064 MoEF & CC, NABET-QCI, ISO 9001 : 2015 & OHSAS 45001 : 2018

## TEST REPORT

Issued to:	NE TRAINING SERVICE CON	Issued Date	20.11.2021	
	Private Limited.	Our Ref No	TC506421000020185F	
M/s. Greenko Energies Private Limited. Plot No. 1366, Road No. 45, Jubilee Hills,		Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060	
Hyderabad – 500 033, To Site: <b>Greenko AP01 IR</b> Pinnapuram Village, Kur Andhra Pradesh-518 112	elangana. EP Private Limited. rnool district,	Your Ref Date	05.10.2021	
Sample collection date	08.11.2021 to 09.11.2021	Sample Description	Ambient Air	
Sample Registration date 12.11.2021		Sample(s) condition of testing	Found Ok	
Monitoring Location	Kalva Village	SCLARE WEST LAND AND THE SERVICE	HERDELARS VERSIGARS SHOUT LAND WE HELD LESS OF ASSESSMENT SHOW THE WORLD WINDOWS	
Ambient Temperature °C	26 (Average)	Weather Condition	Clear Clear	
Wind Direction	NW - I MALES - I SOUL MALE - MALE	Flow Rate of Gases	0.20	
Monitoring conducted by	VISON LABS	WELDER OF THE THE WELLINGS	to surprise struck Large visualization execut to	

## TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
*/556 or	Particulate Matter (PM 10)	μg/m³	40	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m <sup>3</sup>	21	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	6.3	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> ) ,	μg/m³	16.2	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

Page 1 of

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

Checked by

Checked by

Sr. Chemist

Authorized Signatory

Occupants

Accredited by NABL vide certificate number TC-5064 MoEF & CC, NABET-QCI, ISO 9001: 2015 & OHSAS 45001: 2018

Issued to:		Issued Date	20.11.2021	
M/s. Greenko Energies Private Limited.		Our Ref No	TC506421000020186F	
Plot No. 1366 Road No.	Plot No. 1366, Road No. 45, Jubilee Hills,		GAP01/IREP/W.O./H.O/2021-22/060	
Hyderabad – 500 033, Te Site: <b>Greenko AP01 IR</b> l Pinnapuram Village, Kun Andhra Pradesh-518 112	elangana. EP Private Limited. mool district,	Your Ref Date	05.10.2021	
Sample collection date	08.11.2021 to 09.11.2021	Sample Description	Ambient Air	
Sample Registration date 12.11.2021		Sample(s) condition of testing	Found Ok	
Monitoring Location	Kommucheruvu Anjeneya Sw	vamy Temple	MISSINDARY VISITATIONS WEST LARS VISITA	
Ambient Temperature °C	26 (Average)	Weather Condition	Clear	
Wind Direction	NW MANUAL	Flow Rate of Gases 0.20		
Monitoring conducted by	VISON LABS	THE RESERVE OF THE PARTY OF THE	AND PARTY REPORTED THE PARTY AND PROPERTY VISION	

# TEST RESULTS

Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
Particulate Matter (PM 10)	μg/m³	28	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
Particulate Matter (PM <sub>2.5</sub> )	μg/m³	12	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	4.8	<80	Improved West and Geake method (IS: 5182 P II - 2017)
Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	12.0	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)
	Particulate Matter (PM 10)  Particulate Matter (PM 2.5)  Sulphur Dioxide (SO <sub>2</sub> )	Parameters  Particulate Matter (PM 10) μg/m³  Particulate Matter (PM 2.5) μg/m³  Sulphur Dioxide (SO2) μg/m³	Parameters       Test Results         Particulate Matter (PM $_{10}$ )       μg/m³       28         Particulate Matter (PM $_{2.5}$ )       μg/m³       12         Sulphur Dioxide (SO $_2$ )       μg/m³       4.8	Parameters     Test Results     Standards       Particulate Matter (PM $_{10}$ )     μg/m³     28     <100

Page 1 of 1

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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Checked by	Sr. Chemist	Authorized Signatory

Accredited by NABL vide certificate number TC-5064 MoEF & CC, NABET-QCI, ISO 9001 : 2015 & OHSAS 45001 : 2018

## TEST REPORT

The second of th	Issued Date	20.11.2021	
Issued to:  M/s, Greenko Energies Private Limited.  Plot No. 1366, Road No. 45, Jubilee Hills,		TC506421000020187F	
		GAP01/IREP/W.O./H.O/2021-22/060	
langana. EP Private Limited. nool district,	Your Ref Date	05.10.2021	
08.11.2021 to 09.11.2021	Sample Description	Ambient Air	
Sample Registration date 12.11.2021		Found Ok	
Between Somayajulapalli and	Kalvabugga Village	MEANLAGE WISHEALS VISORIAGE VISITIES	
The same of the sa	Weather Condition	Clear White Charles Vision Language Vision L	
NW	Flow Rate of Gases	0.20 DESIGNATION OF STATE OF S	
ISON LABS	TO LANGE THE DELLAR STREET AND LANGE TO THE SECOND	ABLIEF TREE AND AND ASSESSMENT TO A STANCE	
	45, Jubilee Hills, langana. EP Private Limited. nool district,  08.11.2021 to 09.11.2021  12.11.2021  Between Somayajulapalli and 26 (Average)  NW	Private Limited.  45, Jubilee Hills, langana.  Private Limited. nool district,  08.11.2021 to 09.11.2021  Sample Description  12.11.2021  Between Somayajulapalli and Kalvabugga Village  26 (Average)  NW  Sur Ref No Your Ref No Your Ref Date  Your Ref Date  Your Ref Date  Your Ref Date	

## TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
l.	Particulate Matter (PM 10)	μg/m³	48	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	25	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	7.6	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	19.5	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

Page 1 of 1

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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Sr. Chemist	Authorized Signatory
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# TEST REPORT

Issued to:		Issued Date	20.11.2021	
M/s. Greenko Energies	Private Limited.	Our Ref No	TC506421000020201F	
Plot No. 1366, Road No.	45, Jubilee Hills,	Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060	
Hyderabad – 500 033, Telangana. Site: Greenko AP01 IREP Private Limited. Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Your Ref Date	05.10.2021	
Sample collection date	11.11.2021 to 12.11.2021	Sample Description	Ambient Air	
Sample Registration date 12.11.2021		Sample(s) condition of testing	Found Ok	
Monitoring Location	Project Site	trade awarther properties.	WALLEARS CHECKLARY WISHWIARE CUSORIL	
Ambient Temperature °C	26 (Average)	Weather Condition	Clear	
Wind Direction NW		Flow Rate of Gases	0.20	
Monitoring conducted by \	ISON LABS	THAR VERBLARS HE WAS	PROBLEMS CHARLES CHARLES CHARLES CHARLES	

## TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
1.	Particulate Matter (PM 10)	μg/m³	52	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	27	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	9.2	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	21.8	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

Page 1 of 1

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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# TEST REPORT

		I. In	20 11 2021	
Issued to:		Issued Date	20.11.2021	
M/s. Greenko Energies	Private Limited.	Our Ref No	TC506421000020197F	
Plot No. 1366, Road No.	45, Jubilee Hills,	Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060	
Hyderabad – 500 033, Telangana. Site: Greenko AP01 IREP Private Limited. Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Your Ref Date	05.10.2021	
Sample collection date	11.11.2021 to 12.11.2021	Sample Description	Ambient Air	
Sample Registration date	12.11.2021	Sample(s) condition of testing	Found Ok	
Monitoring Location	Pinnapuram Village	SHILARS - VISCOUNT SHEET DATE	VISCHARS VERNITARS VISCHARS VISCHARS	
Ambient Temperature °C	26 (Average)	Weather Condition	Clear Clear	
Wind Direction	NW ASSESSMENT MANAGEMENT AND	Flow Rate of Gases	0.20	
Monitoring conducted by	VISON LABS	SELECT TELESCOPE AND ADDRESS OF THE SELECTION OF THE SELE	MIROSELAPS NEDBETTER ADVISORADE VALUETA	

### TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
VIRGINIZA L.	Particulate Matter (PM 10)	μg/m³	34	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	18	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	5.3	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	14.5	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

Page 1 of 1

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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Sr Chemist

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Issued to:	Flore tracking a make the form	Issued Date	20.11.2021	
M/s. Greenko Energies	Private Limited.	Our Ref No	TC506421000020196F	
Plot No. 1366 Road No.	45. Jubilee Hills,	Your Ref No	GAP01/IREP/W.O./H.O/2021-	
Plot No. 1366, Road No. 45, Jubilee Hills, Hyderabad – 500 033, Telangana. Site: Greenko AP01 IREP Private Limited. Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Your Ref Date	05.10.2021	
Sample collection date	11.11.2021 to 12.11.2021	Sample Description	Ambient Air	
Sample Registration date 12.11.2021		Sample(s) condition of testing	Found Ok	
Monitoring Location	Brahmanpalle Bus Stand	PRINTS VISCOURAGE PRESENTANCE W	TECHNICATION AND TECHNICALS VISOR	
Ambient Temperature °C	26 (Average)	Weather Condition	Clear	
Wind Direction	NW COMMENTS OF THE PROPERTY OF THE PARTY OF	Flow Rate of Gases	0.20 VIII NESS VISIS VISIS	
Monitoring conducted by \	ISON LABS	TO HIS THE MESSAGE - VACABLE - V	ASSAULAND OF STREET STREET AND DIGO	

## TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
sustant en	Particulate Matter (PM 10)	μg/m³	46	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	23	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	7.5	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	22.0	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)
THE STATE OF THE S		WILLIAM STATE			Page L of

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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Sr. Chemist

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Issued to:		Issued Date	20.11.2021	
M/s. Greenko Energies	Private Limited.	Our Ref No	TC506421000020198F	
Plot No. 1366, Road No.	45, Jubilee Hills,	Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060	
Hyderabad – 500 033, Telangana. Site: Greenko AP01 IREP Private Limited. Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Your Ref Date	05.10.2021	
Sample collection date	11.11.2021 to 12.11.2021	Sample Description	Ambient Air	
Sample Registration date 12.11.2021		Sample(s) condition of testing	Found Ok	
Monitoring Location	Kalva Village	THE REPLECT OF METALINES	MARIARE MARIE OF THE ARCHES TO AND A	
Ambient Temperature °C	26 (Average)	Weather Condition	Clear Charles Charles ARS CHILARL	
Wind Direction	NW	Flow Rate of Gases	0.20	
Monitoring conducted by \	ISON LABS	AND THE THE PROPERTY AND	ORGANICATE AND RELEASED AND LABOR MARKET	

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
1.	Particulate Matter (PM 10)	μg/m³	35	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	18	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	6.0	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	15.6	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

Page 1 of 1

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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### TEST REPORT

Issued to:	The second of the second of the second	Issued Date	20.11.2021	
M/s. Greenko Energies	Private Limited.	Our Ref No	TC506421000020199F	
Plot No. 1366, Road No.	45, Jubilee Hills,	Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060	
Hyderabad – 500 033, Telangana. Site: Greenko AP01 IREP Private Limited. Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Your Ref Date	05.10.2021	
Sample collection date	11.11.2021 to 12.11.2021	Sample Description	Ambient Air	
Sample Registration date 12.11.2021		Sample(s) condition of testing	Found Ok	
Monitoring Location	Kommucheruvu Anjeneya Sw	amy Temple	PROBLEMS VISIONATES MESTICALS VISIONAL	
Ambient Temperature °C	26 (Average)	Weather Condition	Clear Charles Charles Charles	
Wind Direction	NW AND ASSESSMENT OF STREET	Flow Rate of Gases	0.20 VISONTARS MISONHARS VISORI	
Monitoring conducted by	VISON LABS	THERE WELL D'A MILE LAND	BEDITALLA MICHAELERS SERVEDADAS MISCHEL	

## TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
visite in	Particulate Matter (PM 10)	μg/m³	34	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	17	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	5.4	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	13.1	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

Page 1 of

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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Sr. Chemist

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# TEST REPORT

Issued to:	A MIL MINNESON STRUMBER AND A	Issued Date	20.11.2021	
M/s. Greenko Energies	Private Limited.	Our Ref No	TC506421000020200F	
Plot No. 1366, Road No.	45, Jubilee Hills,	Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060	
Hyderabad – 500 033, Telangana. Site: Greenko AP01 IREP Private Limited. Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Your Ref Date	05.10.2021	
Sample collection date	11.11.2021 to 12.11.2021	Sample Description	Ambient Air	
Sample Registration date	12.11.2021	Sample(s) condition of testing	Found Ok	
Monitoring Location	Between Somayajulapalli and	Kalvabugga Village	ASON LARS GROWLARS VISCELLARS VISCELLARS VISCELLARS	
Ambient Temperature °C	26 (Average)	Weather Condition	Clear ASSESSMENT RESERVED	
Wind Direction NW		Flow Rate of Gases	0.20	
Monitoring conducted by V	ISON LABS	TALAN VISSIENARS VISTALIANS	MACHINE WISCONDAND MESH CARS, PROTEIN	

## TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
1.	Particulate Matter (PM 10)	μg/m³	56	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	27	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	8.2	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	20.9	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

Page 1 of 1

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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Accredited by NABL vide certificate number TC-5064 MoEF & CC, NABET-QCI, ISO 9001: 2015 & OHSAS 45001: 2018

## TEST REPORT

The state of the s	Issued Date	08.12.2021	
Private Limited.	Our Ref No	TC506421000021684F	
45, Jubilee Hills,	Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060	
Hyderabad – 500 033, Telangana. Site: Greenko AP01 IREP Private Limited. Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		05.10.2021	
29.11.2021 to 30.11.2021	Sample Description	Ambient Air	
01.12.2021	Sample(s) condition of testing	Found Ok	
Project Site	pysa osciilas inevites i	Remitas Allingians Statistans destrict	
24 (Average)	Weather Condition	Clear Clear	
Ambient Temperature °C 24 (Average)  Wind Direction NW		0.20	
ISON LABS	THE AND THE SECRETARISH THE PROPERTY OF THE	HOLINEARS PERMITS SUSCEEDING VISITE	
	langana. CP Private Limited. nool district,  29.11.2021 to 30.11.2021  01.12.2021  Project Site 24 (Average) NW	Private Limited.  45, Jubilee Hills, langana.  Private Limited. nool district,  29.11.2021 to 30.11.2021  Our Ref No Your Ref No Your Ref Date  Your Ref Date  Sample Description  Sample(s) condition of testing  Project Site  24 (Average)  NW  Flow Rate of Gases	

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
VIGIT.	Particulate Matter (PM 10)	μg/m³	60	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	30	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	8.6	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	20.3	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

Page 1 of 1

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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Accredited by NABL vide certificate number TC-5064 MoEF & CC, NABET-QCI, ISO 9001 : 2015 & OHSAS 45001 : 2018

# TEST REPORT

Issued to:		Issued Date	08.12.2021	
M/s. Greenko Energies	Private Limited.	Our Ref No	TC506421000021680F	
Plot No. 1366, Road No.	45, Jubilee Hills,	Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060	
Hyderabad – 500 033, Te Site: <b>Greenko AP01 IR</b> Pinnapuram Village, Kui Andhra Pradesh-518 112	EP Private Limited. rnool district,	Your Ref Date	05.10.2021	
Sample collection date	29.11.2021 to 30.11.2021	Sample Description	Ambient Air	
Sample Registration date	01.12.2021	Sample(s) condition of testing	Found Ok	
Monitoring Location	Pinnapuram Village	Course Submittees of officers	Court Courts William Transport Transport Transport	
Ambient Temperature °C	24 (Average)	Weather Condition	Clear Commence Second Ans Control	
Wind Direction	NW modulinus assertation visus	Flow Rate of Gases	0.20 WALLES STRONG AND MISSING	
Monitoring conducted by \	VISON LABS	THUS DECEMBED TO BE LAND	THE THE TEST STATE SECTION OF THE SE	

## TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
ne I	Particulate Matter (PM 10)	μg/m³	26	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM <sub>2.5</sub> )	μg/m³	14	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	4.8	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	11.0	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

Page 1 of 1

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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Checked by	Sr. Chemist	Authorized Signatory



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## TEST REPORT

Issued to:		Issued Date	08.12.2021	
M/s. Greenko Energies	Private Limited.	Our Ref No	TC506421000021679F	
Plot No. 1366, Road No.	. 45, Jubilee Hills,	Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060	
Hyderabad – 500 033, Telangana. Site: Greenko AP01 IREP Private Limited. Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Your Ref Date	05.10.2021	
Sample collection date	29.11.2021 to 30.11.2021	Sample Description	Ambient Air	
Sample Registration date	01.12.2021	Sample(s) condition of testing	Found Ok	
Monitoring Location	Brahmanpalle Bus Stand	MINER MICHELIAN AUTOMANA	NEW TABLE STREET, SPECIFICATION OF STREET	
Ambient Temperature °C	24 (Average)	Weather Condition	Clear Clear Clear Clear Clear Clear	
Wind Direction NW		Flow Rate of Gases	0.20	
Monitoring conducted by V	VISON LABS		PROPERTY AND PROPERTY AND ASSOCIATION ASSOCIATIONI ASSOCIATION ASSOCIATION ASSOCIATION ASSOCIATION ASSOCIATION ASS	
TO BE A STATE OF THE PARTY OF T	107.7.31	Flow Rate of Gases	0.20	

### TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
1.	Particulate Matter (PM 10)	μg/m³	36	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM <sub>2.5</sub> )	μg/m³	19	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	5.8	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	17.3	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

Page 1 of 1

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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Sr. Chemist

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### TEST REPORT

Issued to:	بالبادر كبيارار ببالد كرد براطار سيه م	Issued Date	08.12.2021	
M/s. Greenko Energies	Private Limited.	Our Ref No	TC506421000021681F	
Plot No. 1366, Road No.		Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060	
Hyderabad – 500 033, Telangana. Site: Greenko AP01 IREP Private Limited. Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Your Ref Date	05.10.2021	
Sample collection date	29.11.2021 to 30.11.2021	Sample Description	Ambient Air	
Sample Registration date	01.12.2021	Sample(s) condition of testing	Found Ok	
Monitoring Location	Kalva Village	ATTACK MIKOMENNE OFFICE AND A	TOTAL AGE ASSESSMENT OF THE PROPERTY OF THE SECOND	
Ambient Temperature °C	24 (Average)	Weather Condition	Clear Charles Charles MSONE	
Wind Direction NW		Flow Rate of Gases	0.20 VISINI SILSE PEDINI ARS SHELN L	
Monitoring conducted by V	VISON LABS	TULANS - MEETI LAGE MEETINGS A	ASSESSMENT OF THE PROPERTY OF THE PARTY OF T	

## TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
718/1 N 100	Particulate Matter (PM 10)	μg/m³	32	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	nes 17 ms	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	5.8	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	14.2	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

Page 1 of 1

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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Accredited by NABL vide certificate number TC-5064 MoEF & CC, NABET-QCI, ISO 9001: 2015 & OHSAS 45001: 2018

## TEST REPORT

Issued to:		Issued Date	08.12.2021	
M/s. Greenko Energies	Private Limited.	Our Ref No	TC506421000021682F	
Plot No. 1366, Road No.		Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060	
Hyderabad – 500 033, Telangana. Site: Greenko AP01 IREP Private Limited. Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Your Ref Date	05.10.2021	
Sample collection date	29.11.2021 to 30.11.2021	Sample Description	Ambient Air	
Sample Registration date	01.12.2021	Sample(s) condition of testing	Found Ok	
Monitoring Location	Kommucheruvu Anjeneya Sw	vamy Temple	MUNICIPE AUGUSTANIA MESANTANS MESANTA	
Ambient Temperature °C	24 (Average)	Weather Condition	Clear Clear Contract Manual Asset Maconto	
Wind Direction NW		Flow Rate of Gases	0.20 WESTERS VISCHIAUS (HEIM L	
Monitoring conducted by \	VISON LABS	NUCLAS MISCH LINES MEDICARIS A	AND MATTER AND	

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
1.	Particulate Matter (PM 10)	μg/m³	22	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	10	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	4.3	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	11.2	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

Page 1 of 1

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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Sr. Chemist

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### TEST REPORT

Issued to:		Issued Date	08.12.2021	
M/s. Greenko Energies	Private Limited.	Our Ref No	TC506421000021683F	
Plot No. 1366, Road No.	. 45, Jubilee Hills,	Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060	
Hyderabad – 500 033, To		Test (1201) total mentionalis	DOLL TO THE STATE OF SHARE THE PARTY OF THE	
Site: Greenko AP01 IR		Your Ref Date	05.10.2021	
Pinnapuram Village, Ku		Tour Ker Date	03.10.2021	
Andhra Pradesh-518 112		draft - system and amountable to	TOTAL AND ALL OF THE PROPERTY OF THE PROPERTY.	
Sample collection date	29.11.2021 to 30.11.2021	Sample Description	Ambient Air	
Sample Registration date	01.12.2021	Sample(s) condition of testing	Found Ok	
Monitoring Location	Kalvabugga Village	HEALT MOUNTARY ANSORIZED A	ACCURAGE MEDICINAD MEDICINAD MESTALIA	
Ambient Temperature °C	24 (Average)	Weather Condition	Clear	
Wind Direction NW		Flow Rate of Gases	0.20	
Monitoring conducted by \	ISON LABS	TO LABOR VICTORIA PER A PERMANDA DE LA COMPANIO DEL COMPANIO DEL COMPANIO DE LA COMPANIO DEL COMPANIO DE LA COMPANIO DEL COMPANIO DE LA COMPANIO DEL COMPANIO DEL COMPANIO DEL COMPANIO DE LA COMPANIO DE LA COMPANIO DEL COMPANION DEL CO	AND ASSESSMENT AND ADDRESS AND AND ADDRESS	

## TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
visiting	Particulate Matter (PM 10)	μg/m³	54	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	27	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	6.3	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4. 4. Vision La	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	18.2	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

Page 1 of 1

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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## TEST REPORT

Issued to:		Issued Date	08.12.2021	
M/s. Greenko Energies	Private Limited.	Our Ref No	TC506421000021685F	
Plot No. 1366, Road No.	45, Jubilee Hills,	Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060	
Hyderabad – 500 033, Telangana. Site: <b>Greenko AP01 IREP Private Limited.</b> Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Your Ref Date	05.10.2021	
Sample collection date	02.12.2021 to 03.12.2021	Sample Description	Ambient Air	
Sample Registration date 04.12.2021		Sample(s) condition of testing	Found Ok	
Monitoring Location	Project Site	BLOGS OFFICE LARD VOICE AND A	A COLUMN TOWNS AND ASSESSMENT OF THE PARTY O	
Ambient Temperature °C	24 (Average)	Weather Condition	Clear Clear Company Company Ass. Mascant	
Wind Direction NW		Flow Rate of Gases	0.20	
Monitoring conducted by \	/ISON LABS	CONTRACTOR AND	ASSESSED TROUBLES ASSESSED OF AUTOMA	
Appropriate the second				

## TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
1.	Particulate Matter (PM 10)	μg/m³	52	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	26	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	8.2	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	19.4	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

Page 1 of 1

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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## TEST REPORT

Issued to:		Issued Date	08.12.2021	
M/s. Greenko Energies	Private Limited.	Our Ref No	TC506421000021689F	
Plot No. 1366, Road No.	45, Jubilee Hills,	Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060	
Hyderabad – 500 033, Telangana. Site: Greenko AP01 IREP Private Limited. Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Your Ref Date	05.10.2021	
Sample collection date	02.12.2021 to 03.12.2021	Sample Description	Ambient Air	
Sample Registration date 04.12.2021		Sample(s) condition of testing	Found Ok	
Monitoring Location	Pinnapuram Village	NEW AND RELATED THE METALS, A	MINISTER OF MINISTERS AND AND AND ADDRESS ASSESSED.	
Ambient Temperature °C	24 (Average)	Weather Condition	Clear Manual Asome Asome Asome	
Wind Direction NW		Flow Rate of Gases 0.20		
Monitoring conducted by V	ISON LABS	MEASURE OF MARKET WE'CH CARS	REMAINS VISUALITY OF STREET	

## TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
1.	Particulate Matter (PM 10)	μg/m³	31	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	16	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	5.0	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	12.4	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

Page 1 of 1

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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## TEST REPORT

Issued to:		Issued Date	08.12.2021	
M/s. Greenko Energies	Private Limited.	Our Ref No	TC506421000021690F	
Plot No. 1366, Road No.	45, Jubilee Hills,	Your Ref No	GAP01/IREP/W.O./H.O/2021-	
Hyderabad – 500 033, Telangana. Site: Greenko AP01 IREP Private Limited. Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Your Ref Date	05.10.2021	
Sample collection date	02.12.2021 to 03.12.2021	Sample Description	Ambient Air	
Sample Registration date	04.12.2021	Sample(s) condition of testing	Found Ok	
Monitoring Location	Brahmanpalle Bus Stand	MINES WEED HERE ARROYS AND ME	ETHERES OLDSHIPPED MEDILIANS MEDILIANS	
Ambient Temperature °C	24 (Average)	Weather Condition	Clear Comment August VISTAM LARS VISTAM LARS	
Wind Direction	NW STATE LARGE SECTION LARGE VIEW	Flow Rate of Gases	0.20 VEHILLER MISDRICHES VISIONIA	
Monitoring conducted by V	VISON LABS	ALLANS VERMILERS MEDICERALS VI	SOME AND ACCURACY TO SOME AND	

### TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
1.	Particulate Matter (PM 10)	μg/m³	40	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	21	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	6.3	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	19.2	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

Page 1 of 1

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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Sr. Chemist

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## TEST REPORT

Issued to:		Issued Date	08.12.2021	
M/s. Greenko Energies	Private Limited.	Our Ref No	TC506421000021688F	
Plot No. 1366, Road No.		Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060	
Hyderabad – 500 033, Telangana. Site: Greenko AP01 IREP Private Limited. Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Your Ref Date	05.10.2021	
Sample collection date	02.12.2021 to 03.12.2021	Sample Description	Ambient Air	
Sample Registration date	04.12.2021	Sample(s) condition of testing	Found Ok	
Monitoring Location	Kalva Village	N DONG THEORETICAL VESTORIZES. T	The file of the control of the contr	
Ambient Temperature °C	24 (Average)	Weather Condition	Clear Charles Machiness McCon L	
Wind Direction NW		Flow Rate of Gases 0.20		
Monitoring conducted by \	ISON LABS	THE MEAN LINES VIA DEVINE A	ASSESSMENT STATES AND ASSESSMENT AND VISIONS	

### TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	*Analysis Method
1.	Particulate Matter (PM 10)	μg/m³	43	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	22	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	6.8	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	16.2	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

Page 1 of 1

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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## TEST REPORT

Issued to:		Issued Date	08.12.2021	
M/s. Greenko Energies	Private Limited.	Our Ref No	TC506421000021687F	
Plot No. 1366, Road No.	. 45, Jubilee Hills,	Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060	
Hyderabad – 500 033, Telangana. Site: Greenko AP01 IREP Private Limited. Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Your Ref Date	05.10.2021	
Sample collection date	02.12.2021 to 03.12.2021	Sample Description	Ambient Air	
Sample Registration date	Sample Registration date 04.12.2021		Found Ok	
Monitoring Location	Kommucheruvu Anjeneya Sw	vamy Temple	MACHICAGO TESCHELARS TESCHELARS VISCHILL	
Ambient Temperature °C	24 (Average)	Weather Condition	Clear Company Company Company	
Wind Direction NW		Flow Rate of Gases 0.20		
Monitoring conducted by \	VISON LABS	NULLAND MELET DANS VERSION AND A	HEADY DATE: SECURE LINE VISION AND VISION D	

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
1.	Particulate Matter (PM 10)	μg/m³	38	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	20	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	5.0	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	14.2	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

Page 1 of I

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

Checked by

Sr. Chemist



Accredited by NABL vide certificate number TC-5064 MoEF & CC, NABET-QCI, ISO 9001 : 2015 & OHSAS 45001 : 2018

## TEST REPORT

Issued to:		Issued Date	08.12.2021	
M/s. Greenko Energies	Private Limited.	Our Ref No	TC506421000021686F	
Plot No. 1366, Road No.		Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060	
Hyderabad – 500 033, Telangana. Site: Greenko AP01 IREP Private Limited. Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Your Ref Date	05.10.2021	
Sample collection date	02.12.2021 to 03.12.2021	Sample Description	Ambient Air	
Sample Registration date	Sample Registration date 04.12.2021		Found Ok	
Monitoring Location	Kalvabugga Village	DUST'S THE VEHICLE WHO INTO STATES IN	MICHARD WISCHERSON VISIONAL AND STRUCTURE	
Ambient Temperature °C	24 (Average)	Weather Condition	Clear Charles Chicago Charles Chicago Charles	
Wind Direction	NW NEW THE STATE OF THE STATE O	Flow Rate of Gases 0.20		
Monitoring conducted by \	VISON LABS	NI LANG MISCHELZER MININESES M	PERMANUS VISCHILIANS SESSEE ARE VISCHED	
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## TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
1,	Particulate Matter (PM 10)	μg/m³	50	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	25	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	5.8	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	17.3	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

Page 1 of 1

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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Sr. Chemist

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Accredited by NABL vide certificate number TC-5064 MoEF & CC, NABET-QCI, ISO 9001 : 2015 & OHSAS 45001 : 2018

# TEST REPORT

Issued to:	THE RESIDENCE TO SERVICE THE	Issued Date	14.12.2021	
M/s. Greenko Energies	Private Limited.	Our Ref No	TC506421000022862F	
Plot No. 1366, Road No.	45, Jubilee Hills,	Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060	
Hyderabad – 500 033, Telangana. Site: Greenko AP01 IREP Private Limited. Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Your Ref Date	05.10.2021	
Sample collection date	06.12.2021 to 07.12.2021	Sample Description	Ambient Air	
Sample Registration date 08.12.2021		Sample(s) condition of testing	Found Ok	
Monitoring Location	Project Site	CENTAL MORIO SEL LINGRIO PENGLEN	ASTONIAAS, UNGSVIJASE VISCUITAAS, MISORFU	
Ambient Temperature °C	26 (Average)	Weather Condition	Clear Clear	
Wind Direction	NW	Flow Rate of Gases 0.20		
Monitoring conducted by \	ISON LABS	NULARE MECHICAGS AREQUIAMS	THE WILLIAMS WELFALL WILLIAMS TO THE	
THE RESERVE THE PARTY OF THE PA	The Life of the Control of the Contr			

### TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
via Tacha	Particulate Matter (PM 10)	μg/m³	70	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	36	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	10.4	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	26.8	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

Page 1 of 1

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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Accredited by NABL vide certificate number TC-5064 MoEF & CC, NABET-QCI, ISO 9001: 2015 & OHSAS 45001: 2018

## TEST REPORT

Issued to:	THE RESERVE OF THE PARTY OF THE PARTY.	Issued Date	14.12.2021	
M/s. Greenko Energies	Private Limited.	Our Ref No	TC506421000022858F	
Plot No. 1366, Road No.	45, Jubilee Hills,	Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060	
Hyderabad – 500 033, Telangana. Site: Greenko AP01 IREP Private Limited. Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Your Ref Date	05.10.2021	
Sample collection date	06.12.2021 to 07.12.2021	Sample Description	Ambient Air	
Sample Registration date 08.12.2021		Sample(s) condition of testing	Found Ok	
Monitoring Location	Pinnapuram Village	MILABS MECHETAUS VISIDALINES	ABOUTAGE UPS WITHOUT VERY MARKET IN	
Ambient Temperature °C	26 (Average)	Weather Condition	Clear	
Wind Direction	NW	Flow Rate of Gases 0.20		
Monitoring conducted by \	ISON LABS	TOTAL MATCHINARY MESON LARS TO	ASSESSMENT AND ADDRESS AND ADD	

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
vial.	Particulate Matter (PM 10)	μg/m³	45	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	22	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	5.6	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	15.4	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

Page I of I

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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### TEST REPORT

Issued to:		Issued Date	14.12.2021	
M/s. Greenko Energies	Private Limited.	Our Ref No	TC506421000022857F	
Plot No. 1366, Road No.		Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060	
Hyderabad – 500 033, Telangana. Site: Greenko AP01 IREP Private Limited. Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Your Ref Date	05.10.2021	
Sample collection date	06.12.2021 to 07.12.2021	Sample Description	Ambient Air	
Sample Registration date 08.12.2021		Sample(s) condition of testing	Found Ok	
Monitoring Location	Brahmanpalle Bus Stand	THARE MISON LARS MEON TARKS IN	BOSTAIS SECRETARE MEGALORS MECHAN	
Ambient Temperature °C	26 (Average)	Weather Condition	Clear DEMANDE MUNICIPALITY METALLINE	
Wind Direction	NW	Flow Rate of Gases 0.20		
Monitoring conducted by \	ISON LABS	THANK WHOMARK WEORANDS A	ASSAULAND SAUGEN SAUGE VISIALITATES AND ARRIVA	

### TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
1.	Particulate Matter (PM 10)	μg/m³	43	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM <sub>2.5</sub> )	μg/m³	21	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	7.2	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	20.1	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

Page 1 of 1

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

Checked by Sr. Chemist

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### TEST REPORT

Issued to:		Issued Date	14.12.2021
	n		
M/s. Greenko Energies		Our Ref No	TC506421000022859F
Plot No. 1366, Road No.	45, Jubilee Hills,	Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060
Hyderabad – 500 033, Telangana. Site: Greenko AP01 IREP Private Limited. Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Your Ref Date	05.10.2021
Sample collection date	06.12.2021 to 07.12.2021	Sample Description	Ambient Air
Sample Registration date	08.12.2021	Sample(s) condition of testing	Found Ok
Monitoring Location	Kalva Village	HILING VENCHEARS VENCHENS Y	HEAVITARE SHECKELARS WIEDWILLER WISCHILL
Ambient Temperature °C	26 (Average)	Weather Condition	Clear Clear
Wind Direction	nd Direction NW		0.20 INCLUDES THE PROPERTY OF
Monitoring conducted by V	ISON LABS	MARKE DECKERS WEDNESDED	ASSESSMENT AND ADDRESS OF THE PROPERTY OF THE

### TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
VENT SOLK	Particulate Matter (PM 10)	μg/m³	52	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	25	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	7.2	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	19.0	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: \$182 P VI - 2017)

Page 1 of 1

NOTE: - I. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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# TEST REPORT

Issued to:		Issued Date	14.12.2021
M/s. Greenko Energies	Private Limited.	Our Ref No	TC506421000022860F
Plot No. 1366, Road No.	45, Jubilee Hills,	Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060
Hyderabad – 500 033, Telangana. Site: Greenko AP01 IREP Private Limited. Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Your Ref Date	05.10.2021
Sample collection date	06.12.2021 to 07.12.2021	Sample Description	Ambient Air
Sample Registration date 08.12.2021		Sample(s) condition of testing	Found Ok
Monitoring Location	Kommucheruvu Anjeneya Sw	amy Temple	NOW THE STREET STREET STREET STREET
Ambient Temperature °C	26 (Average)	Weather Condition	Clear Clear Company Strong Company
Wind Direction NW		Flow Rate of Gases	0.20
Monitoring conducted by \	ISON LABS	TOTAL SECTION AND VISIONALS	METRICALL PRODUCTOR SISTEMAN AND MICHICAL AND MICHICAL AND MICHIGAN AND MICHICAL AND MICHIGAN AN

### TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
1.	Particulate Matter (PM 10)	μg/m³	32	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	17	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	5.6	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	14.1	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

Page 1 of 1

NOTE: - I. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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# TEST REPORT

Issued to:		Issued Date	14.12.2021	
M/s. Greenko Energies	Private Limited.	Our Ref No	TC506421000022861F	
Plot No. 1366, Road No.		Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060	
Hyderabad – 500 033, Telangana. Site: <b>Greenko AP01 IREP Private Limited.</b> Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Your Ref Date	05.10.2021	
Sample collection date	06.12.2021 to 07.12.2021	Sample Description	Ambient Air	
Sample Registration date	Sample Registration date 08.12.2021		Found Ok	
Monitoring Location	Kalvabugga Village	Arms vergens, veryens (	REGIONALE VINORENCE SINONEASS MINORES	
Ambient Temperature °C	26 (Average)	Weather Condition	Clear	
Wind Direction	NW	Flow Rate of Gases 0.20		
Monitoring conducted by \	ISON LABS	or all mentions making me	RESIDENCE AND STREET STREET, STREET STREET,	

### TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
Artist III LA	Particulate Matter (PM 10)	μg/m³	60	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM <sub>2.5</sub> )	μg/m³	29	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	7.8	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	20.4	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

Page 1 of 1

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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## TEST REPORT

Issued to:		Issued Date	14.12.2021	
M/s. Greenko Energies	Private Limited.	Our Ref No	TC506421000022868F	
Plot No. 1366, Road No.	45, Jubilee Hills,	Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060	
Hyderabad – 500 033, Telangana. Site: <b>Greenko AP01 IREP Private Limited.</b> Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Your Ref Date	05.10.2021	
Sample collection date	09.12.2021 to 10.12.2021	Sample Description	Ambient Air	
Sample Registration date 11.12.2021		Sample(s) condition of testing	Found Ok	
Monitoring Location	Project Site	TENER VISCOLITORS VALUE AND	ASSOCIATE AND ADDRESS AND THE	
Ambient Temperature °C	26 (Average)	Weather Condition	Clear VIII MAN CHILDREN WISON IA	
Wind Direction	NW	Flow Rate of Gases 0.20		
Monitoring conducted by V	/ISON LABS	WEARS MANAGEMENT WHEN ARE	AND REVENUE AND PROPERTY OF THE PROPERTY AND	

### TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
1.	Particulate Matter (PM 10)	μg/m³	58	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	30	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	9.8	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	22.6	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

Page 1 of 1

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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## TEST REPORT

Issued to:	DESCRIPTION OF STREET	Issued Date	14.12.2021	
M/s. Greenko Energies	Private Limited.	Our Ref No	TC506421000022864F	
Plot No. 1366, Road No.	45, Jubilee Hills,	Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060	
Hyderabad – 500 033, Telangana. Site: <b>Greenko AP01 IREP Private Limited.</b> Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Your Ref Date	05.10.2021	
Sample collection date	09.12.2021 to 10.12.2021	Sample Description	Ambient Air	
Sample Registration date 11.12.2021		Sample(s) condition of testing	Found Ok	
Monitoring Location	Pinnapuram Village	Control of the state of the state of	WEIGHT ARE WISCHELLER VESCHIERE WISCHELLER	
Ambient Temperature °C	26 (Average)	Weather Condition	Clear Company Misorians Misoria	
Wind Direction	NW	Flow Rate of Gases 0.20		
Monitoring conducted by V	ISON LABS	HELMAN MISARCONES MISONA AND THE	AND THE STREET OF STREET ASSESSMENTS ASSESSED.	

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
VISITE I	Particulate Matter (PM 10)	μg/m³	39	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM <sub>2.5</sub> )	μg/m³	20	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	5.2	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	15.1	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

Page 1 of 1

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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## TEST REPORT

Issued to:	THE RESIDENCE IN CONTRACTOR ASSESSMENT	Issued Date	14.12.2021
M/s. Greenko Energies		Our Ref No	TC506421000022863F
Plot No. 1366, Road No.		Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060
Hyderabad – 500 033, Telangana. Site: <b>Greenko AP01 IREP Private Limited.</b> Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Your Ref Date	05.10.2021
Sample collection date	09.12.2021 to 10.12.2021	Sample Description	Ambient Air
Sample Registration date 11.12.2021		Sample(s) condition of testing	Found Ok
Monitoring Location	Brahmanpalle Bus Stand	B. VIIIOHIDUS AGGALANS I	THE PROPERTY OF THE PROPERTY O
Ambient Temperature °C	26 (Average)	Weather Condition	Clear - ASSERTIANS MISTALLANS MISTALLANS
Wind Direction	NW COMMENS DESIGNATION OF THE POPUL OF	Flow Rate of Gases 0.20	
Monitoring conducted by V	ISON LABS	Province and appearing A	AND THE TRANSPORT OF THE AND T

## TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Particulate Matter (PM 10)	μg/m³	50	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	26	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	7.8	<80	Improved West and Geake method (IS: 5182 P ·II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	21.6	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

Page 1 of 1

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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Issued to:		Issued Date	14.12.2021
M/s. Greenko Energies		Our Ref No	TC506421000022865F
Plot No. 1366, Road No.	45, Jubilee Hills,	Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060
Hyderabad – 500 033, Te Site: <b>Greenko AP01 IR</b> 1 Pinnapuram Village, Ku Andhra Pradesh-518 112	EP Private Limited. mool district,	Your Ref Date	05.10.2021
Sample collection date	09.12.2021 to 10.12.2021	Sample Description	Ambient Air
Sample Registration date 11.12.2021		Sample(s) condition of testing	Found Ok
Monitoring Location	Kalva Village	NUMBER RESOURCES TO THE LARGE	RECOGLAND ARROWS THE CONTRACTOR MESON FOR
Ambient Temperature °C	26 (Average)	Weather Condition	Clear CHARLES MECHANIST VISCHILA
Wind Direction	NW ASS. MASS. VISIONS ASS. ASS.	Flow Rate of Gases	0.20 PROPERTY AND LABOR STREET AND LABOR STREET
Monitoring conducted by V	ISON LABS	MEDITO MINITED STRUCKED STRUCK	THE TABLE OF THE SECOND CASES, STEELING

## TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
VISTOLIA VISTOLIA	Particulate Matter (PM 10)	μg/m³	45	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	22	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	7.1	<80	Improved West and Geake method (IS: 5182 P II - 2017)
VIII (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	16.3	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

Page I of I

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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### TEST REPORT

Issued to:		Issued Date	14.12.2021				
M/s. Greenko Energies	Private Limited.	Our Ref No	TC506421000022866F				
Plot No. 1366, Road No.	2	Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060				
Hyderabad – 500 033, Telangana. Site: <b>Greenko AP01 IREP Private Limited.</b> Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Your Ref Date	05.10.2021				
Sample collection date	nple collection date 09.12.2021 to 10.12.2021		Ambient Air				
Sample Registration date 11.12.2021		Sample(s) condition of testing	Found Ok				
Monitoring Location	oring Location Kommucheruvu Anjeneya Swamy Temple						
Ambient Temperature °C	26 (Average)	Weather Condition	Clear Compress Medicines MSOMEN				
Wind Direction NW		Flow Rate of Gases	0.20 MANUAL MANU				
Monitoring conducted by V	ISON LABS	BULLIUS VIEWNIABU MISSVALABA V	ASSAULTES VISCOLUSION VISCOLUS				

## TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
1.	Particulate Matter (PM 10)	μg/m³	42	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	22	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	7.0	<80	Improved West and Geake method (IS: 5182 P II - 2017)
VIII 4. 11	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	16.2	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

Page 1 of 1

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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## TEST REPORT

Issued to:	output of agrandary in the control is all the	Issued Date	14.12.2021 TC506421000022867F GAP01/IREP/W.O./H.O/2021-22/060			
M/s. Greenko Energies		Our Ref No				
Plot No. 1366, Road No		Your Ref No				
Hyderabad – 500 033, Telangana. Site: <b>Greenko AP01 IREP Private Limited.</b> Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Your Ref Date	05.10.2021			
Sample collection date	09.12.2021 to 10.12.2021	Sample Description	Ambient Air			
Sample Registration date 11.12.2021		Sample(s) condition of testing	Found Ok			
Monitoring Location	Kalvabugga Village					
Ambient Temperature °C	26 (Average)	Weather Condition	Clear			
Wind Direction	NW	Flow Rate of Gases	0.20			
Monitoring conducted by V	ISON LABS	PARAME MEDITINAS WERESTAMES	ASSESSED ASSESSED AND AND AND AND AND AND AND AND AND AN			
Monitoring conducted by V	ISON LABS	FILEDE WEDLIEDING WERTSLAUS S	PERSONAL STREET CADA STREET LANS OF			

### TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
100	Particulate Matter (PM 10)	μg/m³	53	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM <sub>2.5</sub> )	μg/m³	26	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	7.5	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	19.2	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

Page 1 of 1

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**Environmental Consultants & Analytical Services** Accredited by NABL vide certificate number TC-5064

MoEF & CC, NABET-QCI, ISO 9001: 2015 & OHSAS 45001: 2018

## TEST REPORT

Issued to:	Marin Street Street and Addition of the	Issued Date	21.12.2021 TC506421000030121F		
M/s. Greenko Energies		Our Ref No			
Plot No. 1366, Road No.		Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060		
Hyderabad – 500 033, Telangana. Site: Greenko AP01 IREP Private Limited. Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Your Ref Date	05.10.2021		
Sample collection date	13.12.2021 to 14.12.2021	Sample Description	Ambient Air		
Sample Registration date 15.12.2021		Sample(s) condition of testing	Found Ok		
Monitoring Location	Project Site WARLASS PASSELAND DECATAGE AGENTADE WISDWING WISDWIND DATE OF THE PROJECT OF THE PR				
Ambient Temperature °C	26 (Average)	Weather Condition	Clear Clear		
Wind Direction NW		Flow Rate of Gases	0.20 WERELASS MEDILIANS WHOLE		
Monitoring conducted by V	ISON LABS	NUMBER OF SECURIORS	INCHESIS WINGE LAND SPAINLAND MESSALE		

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
T.	Particulate Matter (PM 10)	μg/m³	60	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM <sub>2.5</sub> )	μg/m³	into vi 31 valse v	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	9.4	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	25.2	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: \$182 P VI - 2017)

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

Page 1 of 1

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#### TEST REPORT

Issued to:	-r bread makes ma	Issued Date	21.12.2021	
M/s. Greenko Energies		Our Ref No	TC506421000030117F	
Plot No. 1366, Road No.		Your Ref No	GAP0J/IREP/W.O./H.O/2021-22/060	
Hyderabad – 500 033, T Site: <b>Greenko AP01 IR</b> Pinnapuram Village, Ku Andhra Pradesh-518 112	EP Private Limited. rnool district,	Your Ref Date	05.10.2021	
Sample collection date	13.12.2021 to 14.12.2021	Sample Description	Ambient Air	
Sample Registration date 15.12.2021		Sample(s) condition of testing	Found Ok	
Monitoring Location	Pinnapuram Village	n nast socialistes, istocialistes—v	ESONI ARE MORE IN AND MORE LARE. VICINE EN	
Ambient Temperature °C	26 (Average)	Weather Condition	Clear	
Wind Direction	NW	Flow Rate of Gases	0.20	
Monitoring conducted by V	ISON LABS	NEWS OF STREET, STREET	namerane oracemente dascerrans veccuta	
			ACCURATE STATE OF THE PROPERTY	

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	'Analysis Method
ng 1.	Particulate Matter (PM 10)	μg/m³	52	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	26	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	6.8	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	17.2	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

Page 1 of 1

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Sr. Chemist



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## TEST REPORT

ivate Limited.	Our Ref No		
T 1 '1 TT'11	Our IXCI IVO	TC506421000030116F	
, Jubilee Hills,	Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060	
ngana.  Private Limited.  ol district,	Your Ref Date	05.10.2021	
3.12.2021 to 14.12.2021	Sample Description	Ambient Air	
Sample Registration date 15.12.2021		Found Ok	
rahmanpalle Bus Stand	DEGREE WOOD DAKE DISCONDENS OF	IDENTALS CONTRACTABLE SISSIFIANDS MINORES	
(Average)	Weather Condition	Clear	
Wind Direction NW		0.20 III PERIODE AND AND VISIONES	
ON LABS	ILLANS VISCHILLES SISSELAN IV	SCRELABS MISCH LARK MADE LARS ALADITO	
3	Private Limited. ol district, 3.12.2021 to 14.12.2021 5.12.2021 rahmanpalle Bus Stand 6 (Average)	Private Limited. Ol district,  Sample Description  Sample(s) condition of testing  rahmanpalle Bus Stand  (Average)  Weather Condition  Flow Rate of Gases	

#### TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
vu Lina	Particulate Matter (PM 10)	μg/m³	39	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM <sub>2.5</sub> )	μg/m³	20	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	6.8	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	17.5	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

Page 1 of 1

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## TEST REPORT

ATTENDED TO THE PERSON NAMED IN	Issued Date	21,12,2021	
Private Limited.	Our Ref No	TC506421000030118F	
	Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060	
elangana. EP Private Limited. rnool district,	Your Ref Date	05.10.2021	
13.12.2021 to 14.12.2021	Sample Description	Ambient Air	
Sample Registration date 15.12.2021		Found Ok	
Kalva Village	CLYRS MSQN L/BS -MSQN L/B) -8	SERVIARS MADELARS SUBJECT VISION DE	
26 (Average)	Weather Condition	Clear	
NW	Flow Rate of Gases	0.20	
ISON LABS	TERRS VISURILARS VISORILARS IN	BOOK DARGE WHILE CARRY WEART COURS - VINCEN OF	
	45, Jubilee Hills, elangana. EP Private Limited. rnool district, 13.12.2021 to 14.12.2021 15.12.2021 Kalva Village 26 (Average) NW	Private Limited.  45, Jubilee Hills, elangana.  EP Private Limited. Your Ref No  rnool district,  13.12.2021 to 14.12.2021 Sample Description  15.12.2021 Sample(s) condition of testing  Kalva Village  26 (Average) Weather Condition  NW Flow Rate of Gases	

#### TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
V311.	Particulate Matter (PM 10)	μg/m³	48	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	23	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	6.5	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4, L	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	18.6	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

Page 1 of 1

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Sr. Chemist

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Accredited by NABL vide certificate number TC-5064 MoEF & CC, NABET-QCI, ISO 9001 : 2015 & OHSAS 45001 : 2018

#### TEST REPORT

	Issued Date	21.12.2021	
Private Limited.	Our Ref No	TC506421000030119F	
45, Jubilee Hills,	Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060	
elangana. E <b>P Private Limited.</b> mool district,	Your Ref Date	05.10.2021	
13.12.2021 to 14.12.2021	Sample Description	Ambient Air	
Sample Registration date 15.12.2021		Found Ok	
Kommucheruvu Anjeneya Sw	amy Temple	BOWLARS MISSINTARS VISORIDARS MISORIDA	
26 (Average)	Weather Condition	Clear	
Wind Direction NW		0.20 VISIGNEAUS MISUSALASS VISIGNA	
ISON LABS	LEADE VISSIFICATE VISITIALIS V	ISON LARS WISON LAWS WEATHER ARSO WEATHER	
	45, Jubilee Hills, Elangana. EP Private Limited. nool district,  13.12.2021 to 14.12.2021  15.12.2021  Kommucheruvu Anjeneya Sw 26 (Average) NW	45, Jubilee Hills, Plangana.  EP Private Limited. Prour Ref No  Sample Description  Sample(s) condition of testing  Kommucheruvu Anjeneya Swamy Temple  Private Limited. Private Limited. Private Limited. Private Limited. Prour Ref No  Weather Date  Private Limited. Prour Ref No  Weather Date	

#### TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
ME PERM	Particulate Matter (PM 10)	μg/m³	36	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM <sub>2.5</sub> )	μg/m³	19	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	5.2	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	13.2	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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#### TEST REPORT

Issued to:		Issued Date	21.12.2021	
M/s. Greenko Energies		Our Ref No	TC506421000030120F	
Plot No. 1366, Road No		Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060	
Hyderabad – 500 033, Telangana. Site: Greenko AP01 IREP Private Limited. Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Your Ref Date	05.10.2021	
Sample collection date	13.12.2021 to 14.12.2021	Sample Description	Ambient Air	
Sample Registration date 15.12.2021		Sample(s) condition of testing	Found Ok	
Monitoring Location	Kalvabugga Village	LOGS VESCRILARS VISOR DAGS V	ISDNETWES- VISUNITARIS ARSDNETARIS MISCHIEV	
Ambient Temperature °C	26 (Average)	Weather Condition	Clear	
Wind Direction NW		Flow Rate of Gases	0.20	
Monitoring conducted by \	/ISON LABS	ELMIS MEDIVINIES VERNIAITS V	ISON DATES VISION DAIDS VICENTIAND WISINEY	

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
VISAT.	Particulate Matter (PM 10)	μg/m³	68	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM <sub>2.5</sub> )	μg/m³	30	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	8.2 ABS 48.2	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	22.6	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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## TEST REPORT

Our Ref No Your Ref No Your Ref Date	21.12.2021 TC506421000030127F GAP01/IREP/W.O./H.O/2021-22/060 05.10.2021	
THE WATER WINDS A	CONTRACT DESCRIPTION OF THE PROPERTY OF THE PR	
Your Ref Date	CONTRACT TRACTIONS - USCALIONS - MISCHIEL TO SUB-LANGE VISION LANGE VISION LA	
THE RESERVE OF THE SECTION OF THE SE	RESIDENCE AND	
Sample Description	Ambient Air	
Sample(s) condition of testing	Found Ok	
VISCOLARS VISCHLERS V	ISONIAGS, DISCOURSE MELBOLAGE DISCOUR	
Weather Condition	Clear	
Flow Rate of Gases	0.20 Marini mas and he Lares Arechia	
- RECENTABLE VISOR CATS V	BANKED WISHELDING HEERING HEERING	
	Sample(s) condition of testing  Weather Condition	

#### TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
1.	Particulate Matter (PM 10)	μg/m³	52	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	25	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	9.5	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4,	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	23.4	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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#### TEST REPORT

Issued to:		Issued Date	21.12.2021
M/s. Greenko Energies		Our Ref No	TC506421000030123F
Plot No. 1366, Road No.		Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060
Hyderabad – 500 033, T Site: <b>Greenko AP01 IR</b> Pinnapuram Village, Ku Andhra Pradesh-518 112	EP Private Limited.	Your Ref Date	05.10.2021
Sample collection date	16.12.2021 to 17.12.2021	Sample Description	Ambient Air
Sample Registration date	18.12.2021	Sample(s) condition of testing	Found Ok
Monitoring Location	Pinnapuram Village	DOMEST SHIPLING HARRY SYSTEMATORS OF	(SoigTARS) Autorytains, Appointmes, Appointmes
Ambient Temperature °C	26 (Average)	Weather Condition	Clear
Wind Direction	NW	Flow Rate of Gases	0.20
Monitoring conducted by V	ISON LARS	PLARS VISCILLARS FREDRICARS N	ENTRE OF WAR SHOWN IN THE PARTY OF THE PARTY

#### TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
V=1.	Particulate Matter (PM 10)	μg/m³	43	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	22	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	6.0	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	16.2	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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#### TEST REPORT

- AND AND THE PERSON NAMED IN COLUMN	Issued Date	21.12.2021	
ivate Limited.	Our Ref No	TC506421000030122F	
, Jubilee Hills,	Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060	
ngana.  Private Limited. ol district,	Your Ref Date	05.10.2021 TELEVISION OF THE PROPERTY OF THE P	
6.12.2021 to 17.12.2021	Sample Description	Ambient Air	
8.12.2021	Sample(s) condition of testing	Found Ok	
Brahmanpalle Bus Stand	NTERS VISCOLIAES VISCOLIAES V	BORCAME TORON LAMB TRESPELATE TREOWILL	
6 (Average)	Weather Condition	Clear	
W sought also pales pales which	Flow Rate of Gases	0.20 STANDARS MOONTARS MISOR D	
ON LABS	TEARS ASSERTANCE MEDICINES I	REPRESENTED AND INCOME. IN POSSILIARE ARBOTTE	
֡֡֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜	ngana. Private Limited. ol district, 6.12.2021 to 17.12.2021 8.12.2021 Brahmanpalle Bus Stand 6 (Average)	ivate Limited.  Jubilee Hills,  ngana.  Private Limited.  ol district,  6.12.2021 to 17.12.2021  Sample Description  Sample(s) condition of testing  Brahmanpalle Bus Stand  6 (Average)  Weather Condition  Flow Rate of Gases	

#### TEST RESULTS

S.No.	Parameters .	Units	Test Results	(NAAQS) Standards	Analysis Method
1.	Particulate Matter (PM 10)	μg/m³	46	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	22	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	7.1	<80	Improved West and Geake method (IS: 5182 P II - 2017)
915 (4), 14 915 (4), 14 916 (4), 14	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	18.5	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

Page 1 of 1

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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#### TEST REPORT

Issued to:		Issued Date	21.12.2021
M/s. Greenko Energies		Our Ref No	TC506421000030124F
Plot No. 1366, Road No.		Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060
Hyderabad – 500 033, T Site: <b>Greenko AP01 IR</b> Pinnapuram Village, Ku Andhra Pradesh-518 112	EP Private Limited.	Your Ref Date	05.10.2021
Sample collection date	16.12.2021 to 17.12.2021	Sample Description	Ambient Air
Sample Registration date	18.12.2021	Sample(s) condition of testing	Found Ok
Monitoring Location	Kalva Village	THURS VISCOLARS MISSIEM V	CONTAGE VINERALISES MEDITARIS SUSTRELL
Ambient Temperature °C	26 (Average)	Weather Condition	Clear
Wind Direction	NW	Flow Rate of Gases	0.20
Monitoring conducted by V	MOONLIADO	ALL STUDE OF THE PROPERTY OF THE PARTY OF TH	The first that the second seco

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
Auslina Auslina	Particulate Matter (PM 10)	μg/m³	40	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	20	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	6.5	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	17.2	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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## TEST REPORT

Issued to:		Issued Date	21.12.2021
M/s. Greenko Energies		Our Ref No	TC506421000030125F
Plot No. 1366, Road No.		Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060
Hyderabad – 500 033, T Site: <b>Greenko AP01 IR</b> Pinnapuram Village, Ku Andhra Pradesh-518 112	EP Private Limited. rnool district,	Your Ref Date	05.10.2021
Sample collection date	16.12.2021 to 17.12.2021	Sample Description	Ambient Air
Sample Registration date	18.12.2021	Sample(s) condition of testing	Found Ok
Monitoring Location	Kommucheruvu Anjeneya Sw	amy Temple	ROWLENS AND
Ambient Temperature °C	26 (Average)	Weather Condition	Clear Woode LAES ON SON LAES ON SON LAES
Wind Direction	NW AND RAISE CHARLES AND REPORT	Flow Rate of Gases	0.20 MEZALAGE VISOMIARS MESSELM
Monitoring conducted by V	ISON LABS	GLAND WESTERNE MINORENNES Y	CATALS VISUALISE STORM OF A SECTION OF

#### TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
VIDE STATE	Particulate Matter (PM <sub>10</sub> )	μg/m³	44	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	23	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	6.2	<80	Improved West and Geake method (IS: 5182 P II - 2017)
4.	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	14.5	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

Page 1 of 1

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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# TEST REPORT

Issued to:	THE VERTEX WAS ALTONOMICS OF THE PARTY AND T	Issued Date	21.12.2021
M/s. Greenko Energies		Our Ref No	TC506421000030126F
Plot No. 1366, Road No.		Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060
Hyderabad – 500 033, To Site: <b>Greenko AP01 IR</b> Pinnapuram Village, Ku Andhra Pradesh-518 112	EP Private Limited. rnool district,	Your Ref Date	05.10.2021
Sample collection date	16.12.2021 to 17.12.2021	Sample Description	Ambient Air
Sample Registration date	18.12.2021	Sample(s) condition of testing	Found Ok
Monitoring Location	Kalvabugga Village	S VISIATANIS VERALLARS I	SON TARREST ARROY LARSE ARROY LARSE ARROY LA
Ambient Temperature °C	26 (Average)	Weather Condition	Clear WHOM THE MEON LABS WHOM LA
Wind Direction	NW ISSUEDING MOTHELASS AMSONS LAN	Flow Rate of Gases	USC 0.20 MISTOR PARKS WISCHELMES WISCHELM
Monitoring conducted by V	ISON LABS	WINDS AND WELLESS WITH THE THE PARTY OF THE	THE TABLE THE APPENDIX AND A PROPERTY AND A PROPERT

#### TEST RESULTS

S.No.	Parameters	Units	Test Results	(NAAQS) Standards	Analysis Method
78-1.V	Particulate Matter (PM 10)	μg/m³	56	<100	Respirable Dust Sampler method (IS: 5182 P 23 - 2017)
2.	Particulate Matter (PM 2.5)	μg/m³	27	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	7.8	<80	Improved West and Geake method (IS: 5182 P+II - 2017)
viscanta	Oxides of Nitrogen (NO <sub>2</sub> )	μg/m³	20.5	<80	Jacob and Hochheiser modified (Na- Arsenite) method (IS: 5182 P VI - 2017)

Page 1 of

NOTE: - 1. Above tested results are well with the limits as per NAAQS (National Ambient Air Quality Standards)

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# TEST REPORT

Issued to:		Issued Date	20.11.2021
M/s. Greenko Energies		Our Ref No	TC506421000020208F
Plot No. 1366, Road No. 45, Jubilee Hills, Hyderabad – 500 033, Telangana. Site: <b>Greenko AP01 IREP Private Limited.</b> Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060
		Your Ref Date	05.10.2021
Sample Description	Surface Water Collec	eted at TRC Sump Water	A MACALLAGO ANDREAMA MISONIARIS ANDREAMA
Appearance of the Sample	Clear liquid	Sample condition of testing	Found Ok
Sample Collection Date	10.11.2021	Sample Quantity	1 ltr
Sample Registration Date	11.11.2021	Date of Analysis	12.11.2021
Sample Collection Time	12:10 pm	Analysis Completion date	19.11.2021
Sample collected by of VISO	ON LABS, Hyderabad	PA VISUALIANS VECKLARIA VISUALIANA	Which Dates Maked his Maked Alex Misco

#### TEST RESULTS

S.No.	Parameters	Units of Measurement	Test Method	Results	Limits as Per As per IS: 2296 Class C
Wat Pitel	pH @25°C	DS VINNEY APS	IS:3025 part 11 1983, RA-2012	8.20	6.5-8.5
/u 2.	Dissolved Oxygen	mg/L	IS 3025 Part 38 : 2009	4.8	>4.0
3.	Chemical Oxygen Demand	mg/L	IS 3025 Part 58: 2006	• 40	ES VEICH HASS VISO
4.	Biological Oxygen Demand (3 Days For 27°C)	mg/L	IS 3025 Part 44: 1993, RA - 2009	10	<3.0

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## TEST REPORT

Issued to:		Issued Date	20.11.2021
	M/s. Greenko Energies Private Limited.		TC506421000020211F
Plot No. 1366, Road No. 45, Jubilee Hills, Hyderabad – 500 033, Telangana. Site: Greenko AP01 IREP Private Limited.		Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060
Pinnapuram Village, Kur Andhra Pradesh-518 112.	nool district,	Your Ref Date	05.10.2021
Sample Description	Surface Water Collect	ted at Lower Reservoir Water	A MENTAL VIOLENCE VISCALARE VISC
Appearance of the Sample	Clear liquid	Sample condition of testing	Found Ok
Sample Collection Date	10.11.2021	Sample Quantity	1 ltr
Sample Registration Date	11.11.2021	Date of Analysis	12.11,2021
Sample Collection Time	02:20 pm	Analysis Completion date	19.11,2021
Sample collected by of VISC	ON LABS, Hyderabad	S-VASCID DARS - VISCHAARS - VISCHAAR	TO SOME LARS VISUALISES VISUALISES VISUALISES VISUALISES
Aller in things and the following the first of	THE THEORY OF THE STATE OF THE STATE OF	to the following the second state of the second	

# TEST RESULTS

S.No.	Parameters	Units of Measurement	Test Method	Results	Limits as Per As per IS: 2296 Class C
1.	pH @25°C	HO THE MAN AGE	IS:3025 part 11 1983, RA-2012	8.24	6.5-8.5
2.	Dissolved Oxygen	mg/L	IS 3025 Part 38 : 2009	4.6	>4.0
3.	Chemical Oxygen Demand	mg/L	IS 3025 Part 58: 2006	45	THE SECOND PAIRS VISUA
4,	Biological Oxygen Demand (3 Days For 27°C)	mg/L	IS 3025 Part 44: 1993, RA - 2009	10	<3.0

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Sr. Chemist

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Accredited by NABL vide certificate number TC-5064 MoEF & CC, NABET-QCI, ISO 9001: 2015 & OHSAS 45001: 2018

## TEST REPORT

Issued to:		Issued Date	20.11.2021
M/s. Greenko Energies Private Limited. Plot No. 1366, Road No. 45, Jubilee Hills, Hyderabad – 500 033, Telangana. Site: Greenko AP01 IREP Private Limited.		Our Ref No	TC506421000020209F
		Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060
Pinnapuram Village, Kura Andhra Pradesh-518 112.	nool district,	Your Ref Date	05.10.2021
Sample Description	Surface Water Collect	ed at Pinnapuram Pond Water	MSON CRIS. HISSELFETS. 2020MEMBS WEIGH
Appearance of the Sample	Clear liquid	Sample condition of testing	Found Ok
Sample Collection Date	10.11.2021	Sample Quantity	1 ltr
Sample Registration Date	11.11.2021	Date of Analysis	12.11.2021
Sample Collection Time	12:50 pm	Analysis Completion date	19.11.2021
Sample collected by of VISC	ON LABS, Hyderabad	Whole who who are a company	VECHARIE WILLIAMS TO DE LA VIENE
VISORE (CONTINUE OF STREET	PROPERTY MEANINGS	Ules had Alley experience of the second seco	

#### TEST RESULTS

S.No.	Parameters	Units of Measurement	Test Method	Results	Limits as Per As per IS: 2296 Class C
1.	рН @25 <sup>0</sup> С	PERC WATER LARGE	IS:3025 part 11 1983, RA-2012	8.40	6.5-8.5
2.	Dissolved Oxygen	mg/L	IS 3025 Part 38 : 2009	4.5	>4.0
3.	Chemical Oxygen Demand	mg/L	IS 3025 Part 58: 2006	80	THE PROPERTY AND THE PARTY OF T
4.	Biological Oxygen Demand (3 Days For 27°C)	mg/L	IS 3025 Part 44: 1993, RA - 2009	30	<3.0

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Sr. Chemist

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Accredited by NABL vide certificate number TC-5064 MoEF & CC, NABET-QCI, ISO 9001: 2015 & OHSAS 45001: 2018

## TEST REPORT

Issued Date	20.11.2021
Our Ref No	TC506421000020210F
Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060
Your Ref Date	05.10.2021
ected at Kommucheruvu PH & NH	Road * * * * * * * * * * * * * * * * * * *
Sample condition of testing	Found Ok
Sample Quantity	1 ltr
Date of Analysis	12.11.2021
Analysis Completion date	19.11.2021
AND JESOS FARST ANSCHOLAGE WESTERN	4 VARONIARI, PROGRESAS AUSTRIARIS VICTOR
	Your Ref No Your Ref Date  ected at Kommucheruvu PH & NH  Sample condition of testing Sample Quantity

#### TEST RESULTS

S.No.	Parameters	Units of Measurement	Test Method	Results	Limits as Per As per IS: 2296 Class C
1.12	pH @25°C	The West Course	IS:3025 part 11 1983, RA-2012	8.32	6.5-8.5
2.	Dissolved Oxygen	mg/L	IS 3025 Part 38 : 2009	5.0	>4.0
3.	Chemical Oxygen Demand	mg/L	IS 3025 Part 58: 2006	50	Pro- Teacher College Vision
4.	Biological Oxygen Demand (3 Days For 27°C)	mg/L	IS 3025 Part 44: 1993, RA - 2009	• 15	<3.0

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#### TEST REPORT

Our Ref No Your Ref No	TC506421000020212F GAP01/IREP/W.O./H.O/2021-22/060	
Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060	
Your Ref Date	05.10.2021	
at Gorakallu Reservoir Water	S Alleger Lyder Areanched Alexandrates Area	
Sample condition of testing	Found Ok	
Sample Quantity	1 ltr	
Date of Analysis	12.11.2021	
Applyois Completion data	19.11.2021	
Analysis Completion date		
	Sample Quantity	

## TEST RESULTS

S.No.	Parameters	Units of Measurement	Test Method	Results	Limits as Per As per IS: 2296 Class C
1.	pH @25°C	INC. MISTERNAMS	IS:3025 part 11 1983, RA-2012	8.00	6.5-8.5
2.	Dissolved Oxygen	mg/L	IS 3025 Part 38: 2009	5.3	>4.0
3.	Chemical Oxygen Demand	mg/L	IS 3025 Part 58: 2006	20	Co - FRANK HARES VINCON
4.	Biological Oxygen Demand (3 Days For 27°C)	mg/L	IS 3025 Part 44: 1993, RA - 2009	04	<3.0

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# **TEST REPORT**

Issued to:		Issued Date	20.11.2021
M/s. Greenko Energies		Our Ref No	TC506421000020207F
Plot No. 1366, Road No. 45, Jubilee Hills, Hyderabad – 500 033, Telangana. Site: <b>Greenko AP01 IREP Private Limited.</b> Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Your Ref. No.	GAP01/IREP/W.O./H.O/2021-22/060
		Date	05.10.2021
Sample description	Bore Well Water Collected at Near Gumitham Mallikarjuna Swamy Temple	Sample condition at time of registration	Found Ok
Appearance of the Sample	Clear Liquid	Mode of Packing	Pet bottle
Sample Collection Date	10.11.2021	Sample Quantity	1 ltrgs shawerare become and ensore
Sample Registration date	11.11.2021	Date of Analysis	12.11.2021
Sample Collection Time	12:30 pm	Analysis Completion	19.11.2021
Sample collected by VISO	NLABS	craftile feed, protein Aris	PICTO MAN TERROPOLISTS OF SELECT OR ONE

## TEST RESULTS

0.31	AND THE RESERVE OF THE PARTY OF	Parameters Units of Measurement Test Method Test Results	TOU LARS VEZOTUARS VISIONUARS PUBLISCE VISIONUARS VISIONUARS	Test	Drinking Water Limits As per IS: 10500; 2012	
S. No	Parameters		Results	Acceptable Limits	Permissible limits in absence of alternative Source	
I,	pH at 25°C	- Visto <del>V-</del> State III	IS:3025 part 11 1983, RA-2017	7.50	6.50 - 8.50	No relaxation
2.	Total Dissolved Solids	mg/L	IS: 3025 Part 16 1984, RA-2017	832	500 max	2000 max
3.	Total Suspended Solids	mg/L	IS 3025 Part 17 1984, RA-2017	<1.0	William Tyte v	SULLINGS VEOLET
4,	Total Hardness as CaCO <sub>3</sub>	mg/L	IS: 3025 Part 21 2009, RA-2014	450	200 max	600 max
5.	Alkalinity – Phenolphthalein	mg/L	IS: 3025 Part 23 1986, RA-2014	Nil	PERCHASTANCE V	POZITABA MISCARA POZITABA
6.	Alkalinity – Methyl Orange	mg/L	IS: 3025 Part 23 1986, RA-2014	320	200 max	600 max
7.	Chloride as Cl	mg/L	IS: 3025 Part 32 1988, RA-2014	250	250 max	1000 max
8.	Fluoride as F	mg/L	APHA 4500 F D 23 <sup>rd</sup> Edition	0.60	1.0 max	1.5 max

Page 1 of 1

Checked by

Sr. Chemist

Authorized Signatory



Accredited by NABL vide certificate number TC-5064 MoEF & CC, NABET-QCI, ISO 9001: 2015 & OHSAS 45001: 2018

# TEST REPORT

Issued to:		Issued Date	20.11.2021
M/s. Greenko Energies I		Our Ref No	TC506421000020206F
Plot No. 1366, Road No. 45, Jubilee Hills, Hyderabad – 500 033, Telangana.		Your Ref. No.	GAP01/IREP/W.O./H.O/2021-
Site: <b>Greenko AP01 IRE</b> Pinnapuram Village, Kurr Andhra Pradesh-518 112.	P Private Limited.	Date	05.10,2021
Sample description	Bore Well Water Collected at Gummitham Thanda Village	Sample condition at time of registration	Found Ok
Appearance of the Sample	Clear Liquid	Mode of Packing	Pet bottle
Sample Collection Date	10.11.2021	Sample Quantity	A ltransmit and amountant viscoutant
Sample Registration Date	11.11.2021	Date of Analysis	12.11.2021
Sample Collection Time	12:30 pm	Analysis Completion date	19.11.2021

#### TEST RESULTS

Spellidet Casta	PARKELINE CROWNER VOCALES	Units of	Test Method	Test	Drinking Water Limits As per IS: 10500; 2012	
S. No	Parameters	Measurement		Results	Acceptable Limits	Permissible limits in absence of alternative Source
1.	pH at 25°C	s versa-sall to	IS:3025 part 11 1983, RA-2017	7.60	6.50 - 8.50	No relaxation
2.	Total Dissolved Solids	mg/L	IS: 3025 Part 16 1984, RA-2017	962	500 max	2000 max
3.	Total Suspended Solids	mg/L	IS 3025 Part 17 1984, RA-2017	05	AUGUALISME VI	SONTURES AUSSINIAN
4.	Total Hardness as CaCO <sub>3</sub>	mg/L	IS: 3025 Part 21 2009, RA-2014	500	200 max	600 max
5.	Alkalinity - Phenolphthalein	mg/L	IS: 3025 Part 23 1986, RA-2014	Nil	VINOR LAME VI	SONLESS VIBORLING
6.	Alkalinity – Methyl Orange	mg/L	IS: 3025 Part 23 1986, RA-2014	350	200 max	600 max
7.	Chloride as Cl	mg/L	IS: 3025 Part 32 1988, RA-2014	235	250 max	1000 max
8.	Fluoride as F	mg/L	APHA 4500 F D 23 <sup>rd</sup> Edition	0.74	1,0 max	1.5 max

Page 1 of 1

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Sr. Chemist

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# **TEST REPORT**

Issued to:		Issued Date	20.11.2021
M/s. Greenko Energies F		Our Ref No	TC506421000020203F
Plot No. 1366, Road No. 4		Your Ref. No.	GAP01/IREP/W.O./H.O/2021-22/060
Hyderabad – 500 033, Telangana. Site: <b>Greenko AP01 IREP Private Limited.</b> Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Date	05.10.2021
Sample description	Bore Well Water Collected at Brahmannpalle Village	Sample condition at time of registration	Found Ok
Appearance of the Sample	Clear Liquid	Mode of Packing	Pet bottle
Sample Collection Date	10.11.2021	Sample Quantity	1.ltr viscollans viscollans viscollans
Sample Registration Date	11.11.2021	Date of Analysis	12.11.2021
Sample Collection Time	10:00 am	Analysis Completion date	19.11.2021 (480 7/80) HABS VISUHTABS

#### TEST RESULTS

DILL ALLS	THE REPORT OF THE PARTY OF THE	Units of	DITLARS MISORITARS MISORITARS	Test	Drinking Water Limits As per IS: 10500; 2012		
S. No	Parameters	Measurement	Test Method	Results	Acceptable Limits	Permissible limits in absence of alternative Source	
1.	pH at 25°C	in minimizer and	IS:3025 part 11 1983, RA-2017	7.12	6.50 - 8.50	No relaxation	
2.	Total Dissolved Solids	mg/L	IS: 3025 Part 16 1984, RA-2017	968	500 max	2000 max	
3.	Total Suspended Solids	mg/L	IS 3025 Part 17 1984, RA-2017	<1.0	MISTON GARS VI	TERTETALS TANDILL FAN	
4.	Total Hardness as CaCO <sub>3</sub>	mg/L	IS: 3025 Part 21 2009, RA-2014	470	200 max	600 max	
5.	Alkalinity – Phenolphthalein	mg/L	IS: 3025 Part 23 1986, RA-2014	Nil	mson Later of	CONTROL VISUALINE	
6.	Alkalinity – Methyl Orange	mg/L	IS: 3025 Part 23 1986, RA-2014	390	200 max	600 max	
7.	Chloride as Cl	mg/L	IS: 3025 Part 32 1988, RA-2014	335	250 max	1000 max	
8.	Fluoride as F	mg/L	APHA 4500 F D 23 <sup>rd</sup> Edition	0.86	1.0 max	1.5 max	

Page 1 of 1

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Sr. Chemist

- TOTAL PROPERTY AND ASSESSMENT

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# **TEST REPORT**

Issued to:	The second secon	Issued Date	20.11.2021
M/s. Greenko Energies I		Our Ref No	TC506421000020205F
Plot No. 1366, Road No. 4 Hyderabad – 500 033, Tel		Your Ref. No.	GAP01/IREP/W.O./H.O/2021-22/060
Site: Greenko AP01 IREP Private Limited. Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Date	05.10.2021
Sample description	Bore Well Water Collected at Kalva Village	Sample condition at time of registration	Found Ok
Appearance of the Sample	Clear Liquid	Mode of Packing	Pet bottle
Sample Collection Date	10.11.2021	Sample Quantity	Litr VICTORIANS VISCHELASS VISORIANS
Sample Registration Date	11.11.2021	Date of Analysis	12.11.2021
Sample Collection Time	11:30 am	Analysis Completion	19.11.2021

## TEST RESULTS

Opposite	A TOTAL STATE OF THE PARTY OF T	Units of	DELADS VEGITLABS VISCHTLABS	Test	Drinking Water Limits As per IS: 10500; 2012		
S. No	Parameters	Measurement	Test Method	Results	Acceptable Limits	Permissible limits in absence of alternative Source	
1.	pH at 25°C	n 1910-4 NE 19	IS:3025 part 11 1983, RA-2017	7.01	6.50 - 8.50	No relaxation	
2.	Total Dissolved Solids	mg/L	IS: 3025 Part 16 1984, RA-2017	1736	500 max	2000 max	
3.	Total Suspended Solids	mg/L	IS 3025 Part 17 1984, RA-2017	<1.0	0.001500	COLLEGE SESSION AUG	
4.	Total Hardness as CaCO <sub>3</sub>	mg/L	IS: 3025 Part 21 2009, RA-2014	800	200 max	600 max	
5.	Alkalinity – Phenolphthalein	mg/L	IS: 3025 Part 23 1986, RA-2014	Nil	MEXIMUM MISS V	SUBTARS ASSULTABLE	
6.	Alkalinity – Methyl Orange	mg/L	IS: 3025 Part 23 1986, RA-2014	400	200 max	600 max	
7.	Chloride as Cl	mg/L	IS: 3025 Part 32 1988, RA-2014	430	250 max	1000 max	
8.	Fluoride as F	mg/L	APHA 4500 F D 23 <sup>rd</sup> Edition	0.98	1.0 max	1.5 max	

Page 1 of 1

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Sr. Chemist

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# TEST REPORT

Issued to:		20.11.2021
	Our Ref No	TC506421000020204F
Plot No. 1366, Road No. 45, Jubilee Hills, Hyderabad – 500 033, Telangana. Site: <b>Greenko AP01 IREP Private Limited.</b> Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		GAP01/IREP/W.O./H.O/2021-22/060
		05.10.2021
Bore Well Water Collected at Kommucheruvu Anjaneya Swami Temple	Sample condition at time of registration	Found Ok
Clear Liquid	Mode of Packing	Pet bottle
10.11.2021	Sample Quantity	1 ltr vacue out viscou both mexicon
11.11.2021	Date of Analysis	12.11.2021
10:30 am	Analysis Completion	19.11.2021
/s. Greenko Energies Private Limited. ot No. 1366, Road No. 45, Jubilee Hills, yderabad – 500 033, Telangana. te: Greenko AP01 IREP Private Limited. nnapuram Village, Kurnool district, ndhra Pradesh-518 112.  Bore Well Water Collected at Kommucheruvu Anjaneya Swami Temple  opearance of the Sample Clear Liquid mple Collection Date  10.11.2021		A5, Jubilee Hills, langana.  P Private Limited.  Hool district,  Bore Well Water Collected at Kommucheruvu Anjaneya Swami Temple  Clear Liquid  10.11.2021  Clear Of Analysis  Date Sample condition at time of registration  Mode of Packing  Sample Quantity  Date of Analysis

## TEST RESULTS

(g), (d)	THE CAPTERIOR OF SECURITY AND SHOULD	Units of	THE REST MISCHILLES VISINGUES	Test	Drinking Water Limits As per 1S: 10500; 2012		
S. No	Parameters	Measurement	Test Method	Results	Acceptable Limits	Permissible limits in absence of alternative Source	
1.	pH at 25°C	IS THEO <del>TH</del> ARS VI	1S:3025 part 11 1983, RA-2017	7.06	6.50 - 8.50	No relaxation	
2.	Total Dissolved Solids	mg/L	IS: 3025 Part 16 1984, RA-2017	1082	500 max	2000 max	
3.	Total Suspended Solids	mg/L	IS 3025 Part 17 1984, RA-2017	<1.0	venta uza u	SOLITATES -STEED LAD	
4.	Total Hardness as CaCO <sub>3</sub>	mg/L	IS: 3025 Part 21 2009, RA-2014	490	200 max	600 max	
5.	Alkalinity – Phenolphthalein	mg/L	IS: 3025 Part 23 1986, RA-2014	Nil	VIEWLERS &	AGOLLARY TWOFILM	
6.	Alkalinity – Methyl Orange	mg/L	IS: 3025 Part 23 1986, RA-2014	450	200 max	600 max	
7.	Chloride as Cl	mg/L	IS: 3025 Part 32 1988, RA-2014	210	250 max	1000 max	
8.	Fluoride as F	mg/L	APHA 4500 F D 23rd Edition	0.80	1.0 max	1.5 max	

Page 1 of 1

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Sr. Chemist

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## TEST REPORT

Issued to:	Le are despitable heavistic n	Issued Date	20.11.2021
M/s. Greenko Energies Private Limited. Plot No. 1366, Road No. 45, Jubilee Hills, Hyderabad – 500 033, Telangana. Site: Greenko AP01 IREP Private Limited. Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Our Ref No	TC506421000020189F
		Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060
		Your Ref Date	05.10.2021
Date of Monitoring	08.11.2021-09.11.2021	Date of Registration	12.11.2021
Monitoring conducted b	by VISON LABS	rank paint the commence of the process	re report types meso, types suppressively made

Total Average Results Units: dB (A)

S.NO	Monitoring Time	Brahman palle Bus Stand	Kalva Village Near School	Pinnapuram Near School	Kommucheruvu Anjeneya Swami Temple	Kalvabugga Temple	Power House Project Site
ment.	06.00	49.2	45.7	43.6	42.6	54.5	43.9
2.	07.00	51.1	45.5	42.3	41.3	54.1	43.2
3.	08.00	55.9	42.8	45.4	44,4	51.1	41.8
4.	09.00	56.6	44.3	48.6	47.4	52.8	45.2
5.	10.00	52.2	47.3	46.5	45.4	56.4	43.3
6.	11.00	53.4	43.8	42.1	43.1	52.2	47.3
7.	12.00	50.7	43.2	45.2	45.1	50.8	41.9
8.	13.00	52.8	46.0	48.6	47.5	54.8	44.0
9.	14.00	53.7	47.0	49.5	48.3	56.1	46.4
10.	15.00	55.1	45.0	45.6	44.5	53.6	47.9
19011.00	16.00	53.7	45.9	44,4	43.4	54.7	48.5
12.	17.00	56.1	48.8	47.4	46.2	58.2	46.7
13.	18.00	55.5	47.6	49.4	48.2	56.5	43.8
14.	19.00	52.2	43.9	46.5	45.4	52.4	41.5
15.	20.00	50.7	42.3	44.4	43.3	50.4	42.7
16.	21.00	51.4	40.9	42.3	41.3	48.8	38.4
17.	22.00	48.4	38.2	39.6	37.7	45.3	36.4
18.	23.00	45.2	36.2	39.0	36.0	43.0	35.0
19.	24.00	43.4	35.3	36.8	33.9	42.0	33.8
20.	01.00	40.8	34.9	36.4	32.5	41.7	34.3
21.	02.00	39.6	35.8	36.7	34.8	42.7	35.8
22.	03.00	38.0	38.3	37.5	35.7	45.2	36.8
23.	04.00	40.9	41.9	39.9	36.0	49.8	38.1
24.	05.00	44.0	43.7	42.4	40.4	51.6	41.2

Summary of the results

Cotton of the	Leq day	Leq Night	CPCB Standards	
Category	dB(A)	dB(A)	Day Time	Night Time
Residential	53.5	43.7	55	45
Residential	45.4	39.2	55	45
Residential	46.3	39.0	55	45
Residential	45.3	36.5	55	45
Residential	54.2	46.7	55	45
Residential	44.9	37.1	55	45
	Residential Residential Residential Residential	Category         dB(A)           Residential         53.5           Residential         45.4           Residential         46.3           Residential         45.3           Residential         54.2	Category         dB(A)         dB(A)           Residential         53.5         43.7           Residential         45.4         39.2           Residential         46.3         39.0           Residential         45.3         36.5           Residential         54.2         46.7	Category         dB(A)         dB(A)         Day Time           Residential         53.5         43.7         55           Residential         45.4         39.2         55           Residential         46.3         39.0         55           Residential         45.3         36.5         55           Residential         54.2         46.7         55

VL/QM/7. 8/FR ared by

13000 P

Checked by

Authorized Signatory

H.No. 16-11-23/37/A, Flat No. 205, 2nd Floor, Opp. R.T.A. Office, Musarambagh, Malakpet, Hyderabad - 500 036.

Tel: 040-24544320, 24541338, Mob: 98491 10019 / 94408 41338, E-mail: Info@visonlabs.com, vison.labs@gmail.com

NOTE: This Report is subject to the terms and conditions mentioned overleaf.



Accredited by NABL vide certificate number TC-5064 MoEF & CC, NABET-QCI, ISO 9001 : 2015 & OHSAS 45001 : 2018

## TEST REPORT

Issued Date	20.11.2021
Our Ref No	TC506421000020202F
Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060
Your Ref Date	05.10.2021
Date of Registration	12.11.2021
obustina zapotana modera	tel elegations are pulsares amountains associ-
	Our Ref No Your Ref No Your Ref Date

Total Average Results Units: dB (A)

S.NO	Monitoring Time	Upper Reservary Project site	Brahmanpalle & Gani Solar Road	Brahmanpalle & Sakunala Road	Gorakallu Anganvadi School	Gummitham Thanda Village Anganvadi School	PH & NH Road
isuid.	06.00	41.1	45.3	42.9	41.7	40.6	43.2
2.	07.00	42.7	47.0	44.6	43.3	42.3	42.4
3.	08.00	46.7	44.2	45.4	44.1	40.0	41.1
4.	09.00	48.9	45.8	43.7	42.4	+ 41.3	44.5
5.	10.00	46.9	49.0	45.6	44.3	44.1	42.5
6.	11.00	44.5	45.3	43.1	41.9	40.8	46.5
7.	12.00	42.6	43.6	40.8	39.6	39.8	41.2
8.	13.00	46.0	46.5	43.9	42.6	42.9	43.2
9.	14.00	48.9	48.6	44.7	43.4	43.9	45.5
10.	15.00	46.0	45.5	45.7	44.4	41.9	47.0
11.	16.00	45.8	47.4	48.4	47.0	42.8	47.7
12.	17.00	47.7	50.4	46.5	45.2	45.5	45.9
13.	18.00	48.9	49.2	45.9	44.5	44.2	43.1
14.	19.00	46.8	45.4	44.5	43.2	41.0	40.7
15.	20.00	45.6	43.7	43.1	41.8	39.4	41.9
16.	21.00	43.5	42.2	40.6	39.4	36.1	37.7
17.	22.00	41.1	38.5	38.9	37.8	34.4	35.7
18.	23.00	38.2	36.5	37.9	36.8	33.6	34.3
19.	24.00	37.1	34.6	35.8	34.8	31.9	33.2
20.	01.00	35.6	32.2	33.5	32.6	32.6	33.8
21.	02.00	33.2	34.1	30.9	30.1	33.5	35.2
22.	03.00	35.1	35.5	34.0	33.0	34.3	36.1
23.	04.00	36.4	39.3	35.4	37.3	35.0	37.4
24.	05.00	39.0	42.1	38.7	40.6	* 37.5	40.5

Summary of the results

	Outilitie	mi j or the recuire			
Name of location	Category	Leq day	Leq Night	CPCB Standards	
rame of location	Category	dB(A)	dB(A)	Day Time	Night Time
Upper Reservary Project site	Residential	46.2	37.6	55	45
Brahmanpalle & Gani Solar Road	Residential	46.7	37.7	55	45
Brahmanpalle & Sakunala Road	Residential	44.7	43.3	55	45
Gorakallu Anganyadi School	Residential	43.3	36.5	55	45
Gummitham Thanda Village Anganvadi School	Residential	42.1	34.4	55	45
PH & NH Road	Residential	44.1	36.4	55	45

L Page 1 of 1

Determining

VL/QM/7. By Pared by

Checked by

Authorized Signatory

H.No. 16-11-23/37/A, Flat No. 205, 2nd Floor, Opp. R.T.A. Office, Musarambagh, Malakpet, Hyderabad 500 036.
Tel: 040-24544320, 24541338, Mob: 98491 10019 / 94408 41338, E-mail: Info@visonlabs.com, vison.labs@gmail.com
NOTE: This Report is subject to the terms and conditions mentioned overleaf.

# TEST REPORT

Issued to: Issued Date 20.11.2021 M/s. Greenko Energies Private Limited. Our Ref No TC506421000020192F Plot No. 1366, Road No. 45, Jubilee Hills, Hyderabad – 500 033, Telangana. Your Ref No GAP01/IREP/W.O./H.O/2021-22/060 Site: Greenko AP01 IREP Private Limited. Pinnapuram Village, Kurnool district, Your Ref Date 05.10.2021 Andhra Pradesh-518 112. Sample Particulars Soil Sample Collected at Power House Project Site Sample Collection Date 09.11.2021 Sample Registration Date 12.11.2021 Analysis Start Date 12.11.2021 Completion Date 19.11.2021 Sample collected by VISON LABS

#### TEST RESULTS

S. No.	Parameters	UNITS	TEST METHOD	Test Results	SOIL SPECIFICATIONS
1.	pH @25 °C (20 % Slurry)	LWIZ-WIS WI	IS 2720 Part-26 1987,RA-2011	7.20	6.50 - 8.50
2.	Conductivity @25 °C (20 % Slurry)	μS/cm	IS 14767:2000, RA-2010	80	YUSCIVLAGS TOTAL LAS
3.	Nitrogen as N	mg/kg	IS 14684:1999,RA-2008	240	VISITELAR VISORLAR  SOSCRELARS—VISORLAR
4.	Potassium as K	mg/kg	FAO Method (Page 77):2007	206	150-800
5.	Phosphorus as P	mg/kg	FAO Method (Page 75):2007	22	10 - 45

Page 1 of 1

(B)mg/S	Oce	Determining to
Checked by	Sr. Chemist	Authorized Signatory

# **TEST REPORT**

Issued to:	Issued Date	20.	11.2021		
M/s. Greenko Energies Pr Plot No. 1366, Road No. 45	Our Ref No	TC	506421000020193F		
Hyderabad – 500 033, Telar	Your Ref No	GA	P01/IREP/W.O./H.O/2021-22/060		
Site: <b>Greenko AP01 IREP</b> Pinnapuram Village, Kurnoo Andhra Pradesh-518 112.	Your Ref Date	05.	05.10.2021		
Sample Particulars	Sample Particulars Soil Sample Collected at 1			e - Voulland, Ventiland, Vintella	
Sample Collection Date	09.11.2021	Sample Registration	Date	12.11.2021	
Analysis Start Date	12.11,2021	Completion Date	OPER ROLL	19.11.2021	

# TEST RESULTS

S. No.	Parameters	UNITS	TEST METHOD	Test Results	SOIL SPECIFICATIONS
1.	pH @25 °C (20 % Slurry)	SULLINGS AL	IS 2720 Part-26 1987,RA-2011	7.98	6.50 - 8.50
2.	Conductivity @25 °C (20 % Slurry)	μS/cm	IS 14767:2000, RA-2010	142	TOTAL AND ASSESSED ON THE
3.	Nitrogen as N	mg/kg	IS 14684:1999,RA-2008	334	NEOR DARK MEGNEAR
4.	Potassium as K	mg/kg	FAO Method (Page 77):2007	315	150-800
5.	Phosphorus as P	mg/kg	FAO Method (Page 75):2007	42	10 - 45

Page 1 of 1

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Checked by	Sr. Chemist	Authorized Signatory

Accredited by NABL vide certificate number TC-5064 MoEF & CC, NABET-QCI, ISO 9001: 2015 & OHSAS 45001: 2018

# TEST REPORT

Issued to:	sued to: l/s. Greenko Energies Private Limited.			.11.2021
Plot No. 1366, Road No. 45	Our Ref No	TC	C506421000020194F	
Hyderabad – 500 033, Telangana. Site: Greenko AP01 IREP Private Limited. Pinnapuram Village, Kurnool district, Andhra Pradesh-518 112.		Your Ref No	GA	AP01/IREP/W.O./H.O/2021-22/060
		Your Ref Date	05.	.10.2021
Sample Particulars	Soil Sample Collecto	ed at Gummitham Thanda	VA 2.10 I	nt i e abiteto distartans ventatian
Sample Collection Date	09.11.2021	Sample Registration	Date	12.11.2021
Analysis Start Date	12,11,2021	Completion Date	organia (	19.11.2021
Sample collected by VISON L	ABS	ATABS VISION DRIVING VISION SALES	VISCOUT.	AC YOUNGARD MEGNERAL MISSING

# TEST RESULTS

S. No.	Parameters	UNITS	TEST METHOD	Test Results	SOIL SPECIFICATIONS
1.	pH @25 °C (20 % Slurry)	on or <del>es</del> et ur	IS 2720 Part-26 1987,RA-2011	8.34	6.50 - 8.50
2.	Conductivity @25 °C (20 % Slurry)	μS/cm	IS 14767:2000, RA-2010	110	USCULTAGE TO SOME AND
3.	Nitrogen as N	mg/kg	IS 14684:1999,RA-2008	310	O ROMANOS - VISIONI LAR UNICARA ARROTERADA LAR
4.	Potassium as K	mg/kg	FAO Method (Page 77):2007	280	150-800
5.	Phosphorus as P	mg/kg	FAO Method (Page 75):2007	32	10 - 45

Page 1 of 1

	CHINESE ASSERTEDS VINCIONES TISSUES	4150
(B)	Ques	C Determining &
Checked by	Sr. Chemist	Authorized Signatory

# TEST REPORT

Issued to: M/s. Greenko Energies Priv	eata I imitad	Issued Date	20.11.2021
Plot No. 1366, Road No. 45,		Our Ref No	TC506421000020190F
Hyderabad - 500 033, Telang	gana.	Your Ref No	GAP01/IREP/W.O./H.O/2021-22/060
Site: Greenko AP01 IREP I Pinnapuram Village, Kurnoo Andhra Pradesh-518 112.		Your Ref Date	05.10.2021
Sample Particulars	Soil Sample Collected	at Brahmanpalle	munings Agenthesis valoritass Muchilaby
Sample Collection Date	09.11.2021	Sample Registration I	Date 12.11.2021
Analysis Start Date	12.11.2021	Completion Date	19.11.2021
Sample collected by VISON LA	BS that wood late mood La	dis viscini ales viscini alla v	ISANTARS VERNILARS VERNILARS VISINIARS

# TEST RESULTS

S. No.	Parameters	UNITS	TEST METHOD	Test Results	SOIL SPECIFICATIONS
1.	pH @25 °C (20 % Slurry)	and the A	IS 2720 Part-26 1987,RA-2011	8.22	6.50 - 8.50
2.	Conductivity @25 °C (20 % Slurry)	μS/cm	IS 14767:2000, RA-2010	764	STREET, ALC: THE STREET, AND ADDRESS OF THE STREET, ADDRESS OF THE S
3.	Nitrogen as N	mg/kg	IS 14684:1999,RA-2008	520	TO OUTABS TO DESCRIPTION
4.	Potassium as K	mg/kg	FAO Method (Page 77):2007	475	150-800
5.	Phosphorus as P	mg/kg	FAO Method (Page 75):2007	* 86	10 - 45

Page 1 of 1

(3) rough	Olar	Q Determining
Checked by	Sr. Chemist	Authorized Signatory

# TEST REPORT

Issued to: Issued Date 20.11.2021 M/s. Greenko Energies Private Limited. Our Ref No TC506421000020195F Plot No. 1366, Road No. 45, Jubilee Hills, Hyderabad – 500 033, Telangana. Your Ref No GAP01/IREP/W.O./H.O/2021-22/060 Site: Greenko AP01 IREP Private Limited. Pinnapuram Village, Kurnool district, Your Ref Date 05.10.2021 Andhra Pradesh-518 112. Sample Particulars Soil Sample Collected at Kalva Village Sample Collection Date 09.11.2021 Sample Registration Date 12.11.2021 Analysis Start Date 12.11.2021 Completion Date 19.11.2021

## TEST RESULTS

S. No.	Parameters	UNITS	TEST METHOD	Test Results	SOIL SPECIFICATIONS
I.	pH @25 °C (20 % Slurry)	entr <del>es</del> e (i	IS 2720 Part-26 1987,RA-2011	8.10	6.50 - 8.50
2.	Conductivity @25 °C (20 % Slurry)	μS/cm	IS 14767:2000, RA-2010	412	VISUAL MISSELL MO
3.	Nitrogen as N	mg/kg	IS 14684:1999,RA-2008	460	STOPLASS MSOVILAD MEDILASS=RABORILAS
4.	Potassium as K	mg/kg	FAO Method (Page 77):2007	396	150-800
5.	Phosphorus as P	mg/kg	FAO Method (Page 75):2007	40	10 - 45

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Checked by

Sr. Chemist

Authorized Signatory

VL/QM/7.8/TR

Sample collected by VISON LABS

# TEST REPORT

Issued to:  M/s. Greenko Energies Private Limited.  Plot No. 1366, Road No. 45, Jubilee Hills,  Hyderabad – 500 033, Telangana.  Site: Greenko AP01 IREP Private Limited.  Pinnapuram Village, Kurnool district,  Andhra Pradesh-518 112.		Issued Date	Date 20.11.2021		
		Our Ref No	TC	506421000020191F	
		Your Ref No	ARREST AND THE REPORT OF THE PROPERTY OF THE P		
		Your Ref Date			
Sample Particulars	Soil Sample Collecte	ed at Kommucheruvu	vincira	ne vionano espetam vertifia	
Sample Collection Date	09.11.2021	Sample Registration	Date	12.11.2021   1274 Lores Miscola	
Analysis Start Date	12.11.2021	Completion Date	ugajhre	19.11.2021 PSIMILARS THEORY	
Sample collected by VISON LA	ABS	NICHT TO THE	Vincini i	ARS DISCOULABLE STRUMBLES MISSINGARE ARE DISCOULABLE ORIGINALITY AMERICANT ARE	

# TEST RESULTS

S. No.	Parameters	UNITS	TEST METHOD	Test Results	SOIL SPECIFICATIONS
1.	pH @25 °C (20 % Slurry)	eritat <del>al</del> a er	IS 2720 Part-26 1987,RA-2011	8.14	6.50 - 8.50
2.	Conductivity @25 °C (20 % Slurry)	μS/cm	IS 14767:2000, RA-2010	118	CASSON CHESS TO STATE OF THE
3.	Nitrogen as N	mg/kg	IS 14684:1999,RA-2008	302	TRESON LABOR MISSING DATE TRESON DATES THE BUSINESS DATE
4.	Potassium as K	mg/kg	FAO Method (Page 77):2007	286	150-800
5.	Phosphorus as P	mg/kg	FAO Method (Page 75):2007	25	10 - 45

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Checked by	Sr. Chemist	Authorized Signatory







# National Accreditation Board for Education and Training



# **Certificate of Accreditation**

# **Pioneer Enviro Laboratories and Consultants Private Limited**

2nd Floor, A-Z Elite, Plot No. 197, Kavuri Hills, Guttala Begumpet Village, Madhapur, Hyderabad-500081

The organization is accredited as **Category-A** under the QCI-NABET Scheme for Accreditation of EIA Consultant Organization, Version 3: for preparing EIA-EMP reports in the following Sectors –

S.	Contan Description	Sector (as per)		Cat
No	Sector Description	NABET	MoEFCC	Cat.
1	River Valley projects	3	1 (c)	Α
2	Thermal power plants	4	1 (d)	Α
3	Coal Washeries	6	2 (a)	Α
4	Mineral beneficiation	7	2 (b)	В
5	Metallurgical industries (ferrous & non-ferrous)	8	3 (a)	Α
6	Cement plants	9	3 (b)	Α
7	Asbestos milling and asbestos based products	12	4 (c)	Α
8	Distilleries	22	5 (g)	Α
9	Sugar Industry	25	5 (j)	В
10	Building and construction projects	38	8 (a)	В
11	Townships and Area development projects	39	8 (b)	В

Note: Names of approved EIA Coordinators and Functional A<mark>rea Experts a</mark>re mentioned in SAAC minutes dated Sep. 17, 2021 posted on QCI-NABET website

The Accreditation shall remain in force subject to continued compliance to the terms and conditions mentioned in QCI-NABET's letter of accreditation bearing no. QCI/NABET/ENV/ACO/22/2227 dated Feb. 01, 2022. The accreditation needs to be renewed before the expiry date by Pioneer Enviro Laboratories and Consultants Private Limited, Hyderabad following due process of assessment.

Saint.

Sr. Director, NABET Dated: Feb. 01, 2022

Certificate No. NABET/EIA/1922/SA 0148

Valid up to Sep. 21, 2022

For the updated List of Accredited EIA Consultant Organizations with approved Sectors please refer to QCI-NABET website.

