



**THE SINGARENI COLLIERIES COMPANY LIMITED**  
**(A Government Company)**  
**Environment Department**  
**KOTHAGUDEM AREA**

**Ref.No: KGM/ENV/406/ 118**

**Date: 23.05.2025**

To  
The Regional Officer,  
Sub – office, MoEF &CC, GoI  
3<sup>rd</sup> Floor, Aranya Bhavan,  
Saifabad,  
**HYDERABAD - 500004.**  
Telangana(State).

Sub: Half Yearly Environmental Monitoring report (Oct'2024 to Mar'2025) of Kistaram  
Opencast Coal Mining Project (Coal Mine Project).of SCCL – Reg.

Ref: 1.MoEF&CC, GoI Lr. No. J-11015/212/2014-IA.II (M) Dt. 12<sup>th</sup> June 2019.

2. TS-SEAC- EC24B0101TG5932362N, Dt.23.10.2024.

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With reference to the subject and environmental clearance letters cited above,  
please find enclosed the soft copies of the status of implementation of environmental  
conditions vis-à-vis project progress of Kistaram Opencast Coal Mining Project for the  
half yearly period ending on 31<sup>st</sup> Mar' 2025.

Yours faithfully

General Manager  
Kothagudem Area  
The S.C.Co.Ltd  
Venkateshkhami - (P.O)  
Bhadradi Kothagudem - (Dist)  
Telangana(state)  
Pin - 507 103.

**General Manager**  
**The S.C.Co.Ltd.,**  
**KOTHAGUDEM AREA**

Encl: Half yearly compliance report of Kistaram Opencast Coal Mining Project.

CC: EE, TSPCB, RO, Kothagudem.  
GM (Env.),Corp.  
PO, Kistaram Opencast Coal Mining Project.

Venkateshkhami Post-607 103  
Bhadradi Kothagudem Dist. T.S

# **HALF-YEARLY MONITORING REPORT**

(In compliance with EIA notification 2006 under Environment (Protection) Act )

FOR

## **Kistaram Opencast Coal Mining Project** **(KOTHAGUDEM AREA)**

**(For the period 1<sup>st</sup> Oct' 2024 –31<sup>st</sup> Mar' 2025)**



**THE SINGARENI COLLIERIES COMPANY LIMITED**  
**(A GOVERNMENT COMPANY)**

**KOTHAGUDEM AREA**

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**THE SINGARENI COLLIERIES COMPANY LIMITED**  
**(A Govt. Company)**  
**Kothagudem Area**  
**PART – I**

**A. SALIENT FEATURES OF THE PROJECT:**

1.	Name of the Project	: Kistaram Opencast Coal Mining Project
2.	Organization	: Singareni Collieries Company Limited
3.	Coalfield	: Godavari Valley Coal Field
4.	Type of Mine	: Opencast Coal Mining Project
5.	Technology	: Shovel Dumper Combination
6.	Environmental Clearance	
	A. MoEF&CC Letter No & date	: 11015/212/2014-IA-II (M), Dt.12th June, 2019.
	B. TS-SEAC EC Identification No & Date	: EC24B0101TG5932362N, Dt.23.10.2024.
	C. File No.	: SIA/TG/CMIN/485737/2024
	D. Sanctioned Capacity	: 2.80 MTPA
	E. Mining Lease Area.	: 435.68 Ha.
	F. Date of Public Hearing	: 19.11.2015
7.	Location of the Project	
	A. Village	: Kistaram village
	B. Tehasil / Mandal	: Sathupalli
	C. District	: Khammam
	D. State	: Telangana.
	E. Latitude	: N 17 <sup>0</sup> 13'14" to 17 <sup>0</sup> 13'57"
	F. Longitude	: E 80 <sup>0</sup> 46'55" to E 80 <sup>0</sup> 47'28".
	G. Topo Sheet	: Sol Topo Sheet No 65C/16
	H. Nearest railway station	: Bhadrachalam Road (65 Km)
	I. Nearest Airport	: Gannavaram - Vijayawada (105 Kms)
	J. Nearest town	: Sathupalli
8.	Address for Correspondence	
	A. Name	: M.V.Narasimha Rao
	B. Designation	: Project Officer
	C. Address	: S.C.Co. Ltd, Post: Sathupalli, Dist: Khammam, Telangana-State.
	D. PIN Code	: 507 303
	E. E-mail ID	: po_ktroc@scclmines.com
	F. Telephone No.	: 08761 – 282734, +9194911 44827
	G. Fax No.	: 08761 - 282736
9.	Life of the Project	
	A. Date of Opening	: 18.10.2019
	B. Total Life of the project as per EMP	: 12 Years
10.	Seams	
	A. No. of Seams Present	: 4 No's with thickness ranging from 0.29-8.72 m.
11.	Depth	

# Kistaram Opencast Coal Mining Project HYMR Report From Oct' 2024– Mar'2025

	A. Maximum Depth	170 meters					
	B. Present working depth	110 meters					
12.	Reserves						
	A. Total Geological Reserves	: 24.05 MT					
	B. Total Extractable Reserves	: 21.61 MT					
	C. Reserves already extracted	: 10.774 MT					
	D. Balance Reserves	: 10.836 MT					
	E. Coal production during last 6 months	1.505 MT					
13.	Over Burden						
	A. Total OB	: 129.58 M.Cum.					
	B. OB extracted since inception	: 76.378 M.Cum.(Inc.Top Soil)					
	C. OB removed in last 6 months	: 9.927 M.Cum.(Inc.Top Soil)					
	D. Stripping Ratio	: 6.00 Cum/tonne					
14.	Top Soil						
	A. Total Topsoil	: 4.50 MB.Cum.					
	B. Top soil extracted since inception	: 1.537 MB.Cum.					
	C. Top soil preserved for future use	: 1.154 MB.Cum.					
15.	Land Requirement						
	A. Total Requirement	: 435.68 Ha.					
	B. Forest land Involved	: 285.44 Ha.					
	C. Non-forestland	: 150.24 Ha.					
16.	Activity wise Land Requirement	As per EMP			Present Status		
		F.L	N.F.L	Total	F.L	N.F.L	Total
	A. Quarry Area(including drains, bund, safety zone around the quarry etc)	: 200.72	27.30	228.02	151.898	-	177.720
	B. External OB Dumps(including drains, toe wall etc., around the dumps)	71.71	95.03	166.74	7.90	--	8.33
	i) Topsoil dump	:			24.95	65.30	128.97
	ii) Hard OB dump	:					
	C. Service Buildings, CHP & Sub-Stn	: 13.01	-	13.01	13.01	-	13.01
	D. Road Diversion & Township	: -	-	-	-	-	-
	E. Safety Zone	: -	27.91	27.91	-	-	-
	F. Total	: 285.44	150.24	435.68	197.758	65.30	328.030
17.	Statutory Clearances						
	A. Mining Plan & Mine Closure Plan Approval	: No. 13016/1/2012-CA-II, Dt.21.03.2014.					
	B. Ground Water Clearance	: TSGWD/KMM/WALTA/NOC/MINE/0003, Dt.23.08.2023					
	C. Consent for Establishment	: Order No.11/TSPCB/CFE/RO-KGM/HO/2023, Dt.04.08.2023.					
	D. Consent for Operation	: Order No.2023 4625272 Dt.16.08.2023 Valid up to 31.05.2028.					
	E. Forest Clearance from MoEF&CC	: No.8-55/2014-FC, dt.12.04.209 (285.44 Ha.)					
	F. Mining Lease (GO MS Nos.)	: 28, dt.20/05/2019 for a period of 10 years.					
18.	R & R Involved	: Yes (Jagannathapuram Village)					



**Kistaram Opencast Coal Mining Project HYMR Report From Oct' 2024– Mar'2025**

**STATUS OF IMPLEMENTATION OF MoEF&CC ENVIRONMENTAL CLEARANCE**

**CONDITIONS FOR THE PERIOD ENDING 31<sup>st</sup> Mar' 2025.**

**Environment Clearance of TS-SEAC vide Lr.No. EC24B0101TG5932362N, Dt.23.10.2024.**

3. The State Level Environment Impact Assessment Authority (SEIAA) of Telangana State in its meeting held on 12th Sep, 2024 has accords Environmental Clearance to the Expansion of **Kistaram Opencast Coal Mining Project from 2.40 MTPA to 2.80 MTPA** within the same project area of **435.68 ha by M/s The Singareni Collieries Company Limited located near Kistaram Village** under the provisions of the Environment Impact Assessment Notification, 2006 and subsequent amendments issued under Environment (Protection) Act, 1986 subject implementation of the specific and general conditions:-

**1. Standard EC conditions for (Mining of Minerals):**

**1. Statutory compliance:-**

<b>Cond. No.</b>	<b>Condition</b>	<b>Compliance</b>
<b>1.1.</b>	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.	<b>Complied</b> MoEF&CC granted EC to Kistaram OCP on 12 <sup>th</sup> June 2019 and the mining operations were commenced on 18 <sup>th</sup> October, 2019. Total Forest land involved in the project is 285.44 ha, for which MoEF&CC granted final/Stage-II approval vide letter No. F.No.8-55-/2014/-FC, dt. 12 <sup>th</sup> April, 2019. A copy of Forest Clearance & FC GO is enclosed as <a href="#">Annexure-5 &amp; 5A.</a>
<b>1.2.</b>	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	<b>Not Applicable.</b> Nearest wild life sanctuary, i.e. Kinnerasani Wild Life Sanctuary is 70 km distance away from project.
<b>1.3.</b>	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan/Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report (in case of the presence of schedule-I species in the study area).	<b>Partially Complied</b> A site-specific Wildlife Conservation & Mitigation Plan for Schedule-I species (Indian peafowl, Indian monitoring Lizard and Indian python) was prepared in consultation with state forest department for an amount of Rs. 2.43 crores which was approved by the Principal Chief Conservator of Forest (HoFF) and Chief Wild life Warden (FAC), TS. vide Ltr No. PrI CCF (HoFF), TS, Hyderabad, Rc.No. 54546/2009/FCA-1/TS, Dt:23.11.2018. For implementation, SCCL deposited the funds in favor of State Forest Department Vide Lr.No. CRP/EST/F-112/2018/989 Dt.06.12.2018. Copy of payment receipt is enclosed as <a href="#">Annexure-6.</a> The state forest department (TS) was requested to provide the supporting documents of Wild life conservation plan implementation status which is <a href="#">Annexure-4A.</a>
<b>1.4.</b>	The project proponent shall obtain Consent to Establish/Operate under	<b>Complied</b> Obtained Consent to Establish from



# Kistaram Opencast Coal Mining Project HYMR Report From Oct' 2024– Mar'2025

Cond. No.	Condition	Compliance
	the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/Committee prior to start/commencement of mining operations/production.	Telangana State pollution Control Board vide Order No.12/TSPCB/CFE/RO-KGM/HO/2024, Dt.25.Nov, 2024. Copy of CFE is enclosed as <a href="#">Annexure-1</a> . Obtained Consent to Operate from Telangana State pollution Control Board Vide Order No. 20245598276 Dt.28 Dec, 2024 which is valid up to 31 <sup>st</sup> May, 2029. CFO copy is enclosed as <a href="#">Annexure-6A</a> .
1.5.	The project proponent shall obtain the necessary permission from the Central Ground Water Authority.	<b>Complied</b> Obtained Ground Water Clearance from TSGWA, Kmm vide NOC. No.TSGWD/KMM/WALTA/NOC/MINE/003 Valid from 23.08.2023 to 22.08.2025.GWC copy is enclosed as <a href="#">Annexure-2</a> .
1.6.	Solid/hazardous waste generated in the mines needs to addressed in accordance to the Solid Waste Management Rules, 2016/Hazardous & Other Waste Management Rules, 2016.	<b>Complied</b> i. Solid/ hazardous waste generated in the mines are being disposed in accordance to the Solid Waste Management Rules, 2016/Hazardous & Other Waste Management Rules, 2016. ii. Hazardous wastes like used oil with barrels, waste oil with barrels, used transformer oil with barrels, scrapped batteries, iron scrap, copper cables, scrapped cap lamp accumulators, empty oil and grease drums will be handled and disposed off in accordance with the procedure laid down in HWM Rules, 2016. Used oil, spent oil, batteries and copper cables shall be disposed off to the recyclers having valid registration from CPCB/TSPCB for recycling or recovery, whereas the empty oil and grease barrels will be detoxified prior to their disposal to outside agencies. Details of hazardous and other wastes of area stores & Workshops of Kothagudem for the period of 2024-25 are enclosed as <a href="#">Annexures-7</a> .
1.7.	Permission of power supply to be taken from the concerned authority for meeting power demand of the project site.	<b>Complied</b> Permission of power supply was obtained from TSNPDCL for the load of 5000KVA SI.No.1352, Dt.14.02.2022.
1.8.	The maximum production or peak production at any given time shall not exceed the limit as prescribed in the EC.	Agreed to comply
1.9.	<b>This order is valid for a period of 30 years OR Life of the mine, whichever is earlier. It was reported that the life of mine is</b>	Noted


## Kistaram Opencast Coal Mining Project HYMR Report From Oct' 2024– Mar'2025

Cond. No.	Condition	Compliance
	<b>balance for 6 years.</b>	
1.10	All the conditions stipulated in previous Environment Clearance conditions should be strictly complied within certain timeline	Will be complied




### 2. Air quality monitoring and preservation:-

Cond. No.	Condition	Compliance
2.1.	Continuous ambient air quality monitoring stations as prescribed in the statue be established in the core zone as well as in the buffer zone for monitoring of pollutants, namely PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> and NO <sub>x</sub> . Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets in consultation with the State Pollution Control Board. Online ambient air quality monitoring stations may also be installed in addition to the regular monitoring stations as per the requirement and/or in consultation with the SPCB. The new CAAQMS should be installed with expansion.	<p><b>Complied</b></p> <p>Continuous Ambient Air Quality Monitoring Stations was established in the core zone as well as in the buffer zone for monitoring of pollutants, namely PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub> and NO<sub>x</sub>.</p> <p>The CAAQMS data on ambient air quality are being submitted along with half yearly reports to the ministry and its regional office of MoEF&amp;CC. Last 6 months data of core zone and buffer zone values are enclosed as <a href="#">Annexure-7A</a> &amp; <a href="#">Annexure-7B</a>.</p> <p>Location of the stations was decided in consultation with the State Pollution Control Board by considering meteorological data, topographical features and environmentally and ecologically sensitive targets.</p> <p>In addition to the regular monitoring stations, online ambient air quality monitoring station (CAAQMS) was established at the core zone (project area) on 10.11.2020 and its display system is provided at mine office with the consent of PCB authorities. And is also connected to TSPCB server and real time data is available on TSPCB website.</p> <p>Monitoring of heavy metals such as Hg, As, Ni, Cd, Cr, etc are being carried out once in six months and the results and data being submitted along with half yearly reports to the ministry and its regional office of MoEF&amp;CC.</p>
	 <p>CAAQMS at Project</p>	 <p>Display Unit</p>


## Kistaram Opencast Coal Mining Project HYMR Report From Oct' 2024– Mar'2025

Cond. No.	Condition	Compliance
2.2.	The Ambient Air Quality monitoring in the core zone shall be carried out to ensure the Coal Industry Standards notified vide GSR 742 (E) dated 25th September, 2000 and as amended from time to time by the Central Pollution Control Board. Data on ambient air quality and heavy metals such as Hg, As, Ni, Cd, Cr and other monitoring data shall be regularly reported to the Ministry/Regional Office and to the CPCB/SPCB.	<p><b>Complied</b></p> <p>Ambient air quality monitoring in the core zone as well as in the buffer zone is being carried out through external agency M/s. Environment Protection Training and Research Institute (EPTRI), Hyderabad, which is a CPCB, recognized and NABL accredited laboratory. A Regional Laboratory has been established by EPTRI at Kothagudem for analysis of critical parameters in the field.</p> <p>The CAAQMS data on ambient air quality are being submitted along with half yearly reports to the ministry and its regional office of MoEF&amp;CC. Last 6 months data of core zone and buffer zone values are enclosed as <a href="#">Annexure-7A</a> &amp; <a href="#">Annexure-7B</a>.</p> <p>Monitoring data of heavy metals for the period of Oct, 2024 to Mar, 2025 pertaining to Kistaram OCP enclosed as <a href="#">Annexure-8</a> and Ambient air quality monitoring data is enclosed as <a href="#">Annexure-9</a>.</p> 
2.3.	Transportation of coal, to the extent, if permitted by road, shall be carried out by covered trucks/conveyors. Effective control measures such as regular water/mist sprinkling/rain gun/Fog cannon etc shall be carried out in critical areas prone to air pollution (with higher values of PM10/PM2.5) such as haul road, loading/unloading and transfer points. Fugitive dust emissions from all sources shall be controlled regularly. It shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central/State Pollution Control Board.	<p><b>Agreed to Comply</b></p> <p>Transport of coal from face to coal yard/surface is being carried out by trucks.</p> <p>Coal from surface to JVR OC CHP located at a distance of around 5 km (around 2 km on the public road) is transported through covered trucks. From JVR OC CHP to customers through rail mode.</p> <p>Mitigating measures are being taken to control dust and other fugitive emissions all along the haul roads, approach roads, loading points etc by providing sufficient water sprinklers of Two 28 KL. One 12kl and five 16KL capacity for dust suppression on haul roads, approach roads, loading and unloading points etc.</p>

# Kistaram Opencast Coal Mining Project HYMR Report From Oct' 2024– Mar'2025

Cond. No.	Condition	Compliance
		<p>It is being ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central/State Pollution Control Board.</p> <p>Ambient air quality monitoring data is enclosed as <a href="#">Annexure-9</a>.</p>
	 <p><b>Concave Shape arrangement to wash Lorry Tyres</b></p>	
	 <p>Tarpaulin covered trucks up to Siding</p>	 <p>Rapid loading at Siding at adjacent mine</p>
2.4.	<p>The transportation of coal shall be carried out as per the provisions and route envisaged in the approved Mining Plan or environment monitoring plan. Transportation of the coal through the existing road passing through any village shall be avoided. In case, it is proposed to construct a 'bypass' road, it should be so constructed so that the impact of sound, dust and accidents could be appropriately mitigated.</p>	<p><b>Complied</b></p> <p>The transportation of coal is being carried out as per the provisions and route envisaged in the approved Mining Plan or environment monitoring plan.</p> <p>Coal Transport is not being carried out through any village.</p>
2.5.	<p>PP to install solar lights along the road used for transportation of coal to avoid the accidents at night and also seek its maintenance.</p>	<p>Total 240 Nos. of 1 KW Solar Lights and 19 Nos. of 5.0 HP Solar Pump sets were installed in the surrounding villages of JVR OC Mine.i.e. Kistaram, Rejarla, Sathupally, Ayyagaripeta and Kommugudem.</p>
2.6.	<p>Vehicular emissions shall be kept under control and regularly monitored. All the vehicles engaged in mining and allied activities shall operate only after obtaining 'PUC' certificate from the authorized pollution testing centres.</p>	<p><b>Complied</b></p> <p>The periodic planned preventive maintenance &amp; engine tuning of HEMM and other transport vehicles is being done at regular intervals as per schedules submitted by OEM to keep the vehicular</p>


# Kistaram Opencast Coal Mining Project HYMR Report From Oct' 2024– Mar'2025

Cond. No.	Condition	Compliance
		<p>emissions under control.</p> <p>Vehicular emissions of departmental HEMM, being operated by diesel are being monitored at every six months interval through EPTRI, Hyderabad, which is a CPCB, recognized and NABL accredited laboratory.</p>  <p>19 Nov 2024 8:48:52 am Ayyaganipeta, Telangana 507303, India Altitude: 104.7m Speed: 0.0km/h Kistaram OC, sathupalli, Area Index number: 568</p> <p>Vehicular emissions of departmental HEMM, engaged in mining activities 'are enclosed as <a href="#">Annexure-10</a>.</p> <p>'PUC' certificates for OB contractual vehicles and Coal transport vehicles are being obtained by respective contractual agencies from the authorized pollution testing centers.</p> <p>Specimen copies of PUC certificates obtained are enclosed as <a href="#">Annexure-11</a>.</p>
2.7.	Coal stock pile/crusher/feeder and breaker material transfer points shall invariably be provided with dust suppression system. Belt-conveyors shall be fully covered to avoid air borne dust. Side cladding all along the conveyor gantry should be made to avoid air borne dust. Drills shall be wet operated or fitted with dust extractors.	<p><b>Complied</b></p> <p>Coal stock yard, crushers and feeder breakers are provided with water/mist spray arrangements.</p> <p>Belt-conveyors are fully covered to avoid air borne dust. Side cladding all along the conveyor gantry was made to avoid air borne dust. Drills are wet operated.</p>
2.8.	Coal handling plant shall be operated with effective control measures w.r.t. various environmental parameters. Environmental friendly sustainable technology should be implemented for mitigating such parameters.	<p><b>Complied</b></p> <p>Pit head Coal handling plant is being operated with effective Mist/Water spray arrangements, provided at transfer, loading and unloading points, along belt conveyor.</p> <p>Fog canons are provided at CHP. Belt-conveyors are fully covered to avoid air borne dust. Side cladding is made all along the conveyor gantry to avoid air borne dust.</p>
2.9.	Adequate measures on EMP should be analyzed on annual basis to assess the trend of air pollution data from continuous monitoring station	<p><b>Complied</b></p> <p>Continuous Air quality monitoring data is being uploaded to the State/Central Pollution Control Board websites.</p>

## Kistaram Opencast Coal Mining Project HYMR Report From Oct' 2024– Mar'2025

Cond. No.	Condition	Compliance
	and quarterly report shall be generated and submitted with 6 monthly compliance reports to RO, MoEF&CC.	A quarterly reports are being submitted along with Half –Yearly compliance reports to RO MoEF& CC.
2.10.	Effective safeguard measures for prevention of dust generation and subsequent suppression like regular water sprinkling shall be carried out in areas prone to air pollution. The Fugitive dust emission from all sources shall be regularly controlled by installation of required equipment's. It should be ensured that air pollution level confirm to the standards prescribed by the MOEFCC/CPCB.	<b>Complied</b> All Major approach roads are black topped and properly maintained.
2.11.	Adequate number of Fog canon (mist sprayer) shall be installed to reduce the impact of air pollution at dust generating sources with time bound action plan.	<b>Complied</b> <b>Complied</b> 5 Fog canons were established in project to reduce the impact of air pollution to nearby villages, along the haul road, transportation route, CHP.
2.12.	PP should Install Wind breaker/shield arrangement along the railway siding for reducing the dust propagation in upwind direction.	<b>Complied</b> Wind breaker/shield arrangement with compound wall of length 150mx7.50m height was provided all along the railway Siding for reducing the dust propagation in upwind direction.
2.13.	Post environmental closure third party monitoring by reputed institute in air quality, water, land & soil etc shall be carried out and analysed with EMP measures at regular interval. A suitable recommendation in this regard, shall be furnished to IRO, MoEF&CC for compliance. The data used for analysis shall be obtained from continuous AQMS, site specific water regime. Also third party shall analyses the implementation of river diversion, meeting to the requirement of project report.	<b>Complied</b> Third party monitoring of air quality is carried out by CSIR-NEERI, Hyderabad and the monitored results are well within the standards. The report was also submitted to Regional Officer, MoEF&CC, Hyderabad vide Ltr No.ENV/KGM/VK7/552/124, Dt.21.06.2024.



## Kistaram Opencast Coal Mining Project HYMR Report From Oct' 2024– Mar'2025

Cond. No.	Condition	Compliance
2.14.	Comparison of average monthly temperature of pre and post mine operation after obtaining EC shall be elaborated for post three years and a record to be maintain at regular interval.	<p><b>Complied</b></p> <p>Micro-meteorological station was installed at the project office. The summary of the monitoring from Oct' 2024 to Mar' 2025 is as follows:</p>  <p>27 Jan 2025 16:43:28 17°12'38.6"N 80°48'44.65"E JVR Ocp - I&amp;II</p> <p>However, Temperature was decreased from 45.9 °C to 45.2 °C for the period from May 2017 to March 2025.</p> <p>The Comparison table was enclosed as <a href="#">Appendix-30</a></p>

### 3. Water quality monitoring and preservation.

Cond. No.	Condition	Compliance
3.1.	The effluent discharge (mine waste water, workshop effluent) shall be monitored in terms of the parameters notified under the Water Act, 1974 Coal Industry Standards vide GSR 742 (E) dated 25th September, 2000 and as amended from time to time by the Central Pollution Control Board	<p>The effluent discharge (mine waste water, workshop effluent) are being monitored in terms of the parameters notified under the Water Act, 1974 Coal Industry Standards vide GSR 742 (E) dated 25th September, 2000 and as amended from time to time by the Central Pollution Control Board.</p> <p>The monitoring data is being submitted to the Ministry along with half yearly reports.</p>
3.2.	The monitoring data shall be uploaded on the company's website and displayed at the project site at a suitable location. The circular No.J-20012/1/2006-IA.11 (M) dated 27th May, 2009 issued by Ministry of Environment, Forest and Climate Change shall also be referred in this regard for its compliance.	<p>The monitoring data is being uploaded on the company's website and displayed at company's website URL: <a href="https://scclmines.com/env/docs/ECS/110112.pdf">https://scclmines.com/env/docs/ECS/110112.pdf</a></p> <p>The circular No.J-20012/1/2006-IA.11 (M) dated 27th May, 2009 issued by MoEF&amp;CC in this regard is being complied.</p>






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Cond. No.	Condition	Compliance
3.3.	Regular monitoring of ground water level and quality shall be carried out in and around the mine lease area by establishing a network of existing wells and constructing new piezometers during the mining operations. The monitoring of ground water levels shall be carried out four times a year i.e. pre-monsoon, monsoon, post-monsoon and winter. The ground water quality shall be monitored once a year, and the data thus collected shall be sent regularly to MOEFCC/RO.	<p><b>Complied</b></p> <p>Ground water levels is being monitored four times in a year (seasonally, i.e. winter, Pre-monsoon, monsoon and post-monsoon) in and around the mine lease area by establishing a network of 23 piezometers.</p> <p>Ground water quality is being monitored four times a year in pre-monsoon (May), monsoon (August), post-monsoon (November) and winter (January) seasons. Monitoring data of ground water level and ground water quality is being submitted to the MoEF&amp;CC once in six months along with half-yearly monitoring reports.</p> <p>Ground water level monitoring data from the year 2022 to 2025(Piezometric Data) &amp; Phreatic wells Data from 2020-2025(up to monsoon season) is enclosed as <a href="#">Annexure-13&amp;13A.</a></p> <p>Ground water quality monitoring data for the period of Oct, 2024 to March, 2025 is enclosed as <a href="#">Annexure-14.</a></p>  <p>16 Dec 2024 15:27:28 17°13'3.733"N 80°46'43.292"E Kistaram Village</p>
3.4.	Monitoring of water quality upstream and downstream of river including ponds, lakes, tanks shall be carried out once in six months and record of monitoring data shall be maintained and submitted to the Ministry of Environment, Forest and Climate Change/Regional Office.	<p><b>Complied</b></p> <p>Surface water monitoring of water bodies are being carried out once in three months and record of monitoring data is being maintained and submitted to MoEF&amp;CC once in six months. Surface water quality monitoring data for the period of Oct, 2024 to Mar, 2025 is enclosed as <a href="#">Annexure-15.</a></p>  <p>16 Dec 2024 15:35:12 17°12'35.058"N 80°46'56.375"E Kistaram Village</p>






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Cond. No.	Condition	Compliance
3.5.	Ground water, excluding mine water, shall not be used for mining operations. Rainwater harvesting shall be implemented for conservation and augmentation of ground water resources.	<p><b>Complied</b></p> <p>Only mine seepage water pumped out is being utilized for mining operations. The excess treated mine discharge water after meeting the stipulated norms is being discharged into nearby tank for irrigation and ground water recharge purposes. Two No's of Rainwater harvesting structures were constructed in Kistaram OCP.</p> <p>For conservation and augmentation of ground water resources it is proposed to construct 100 No. of rain water harvesting structures in surrounding villages of the project within next three years. Out of which 63 No. of Rainwater harvesting structures were constructed in the project surrounding villages (Sathupalli:40, Rejarla:15, Kistaram:8).</p>
		
3.6.	Catch and/or garland drains and siltation ponds in adequate numbers and appropriate size shall be constructed around the mine working, coal heaps & OB dumps to prevent run off of Water and flow of sediments directly into the river and water bodies. Further, dump material shall be properly consolidated/ compacted and accumulation of water over dumps shall be avoided by providing adequate channels for flow of silt into the drains. The drains/ ponds so constructed shall be regularly desilted particularly before onset of monsoon and maintained properly. Sump capacity should provide adequate retention period to allow proper settling of silt material. The water so collected in the sump shall be utilised for dust suppression and green belt development and other industrial use. Dimension of the retaining wall constructed, if any, at the toe of the OB dumps within the mine to check run-off and siltation should be based on the rainfall data.	<p><b>Complied</b></p> <p>Catch and/or garland drains of 4600 meters length is made around the quarry and 4300 meters length is made around the external dump.</p> <p>Two numbers of siltation ponds of size 30mX20mX3m and 15mX10mX2m were constructed around the mine workings, coal yard &amp; OB dumps to prevent run off of Water and flow of sediments directly into the nearby tanks and water bodies.</p> <p>Further, dump material is being properly consolidated/compacted and accumulation of water over dumps is avoided by providing adequate channels for flow of silt into the drains.</p> <p>Sump capacity is sufficient to provide adequate retention period to allow proper settling of silt material. The water so collected in the sump is being utilized for dust suppression and green belt development and other industrial use.</p> <p>Toe wall of 1450 m is constructed, at the toe of the finished OB dumps within the mine to check run-off and siltation based</p>

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Cond. No.	Condition	Compliance
	The plantation of native species to be made between toe of the dump and adjacent field/habitation/water bodies.	<p>on the rainfall data.</p> <p>Plantation of native species is being done between toe of the dump and adjacent field/habitation/water bodies.</p> <p>Species planted:  <i>Hardwickia binata</i>, <i>Dendrocalamus strictus</i>,  <i>Ficus religiosa</i>, <i>Pterocarpus santalinus</i>,  <i>Azadirachta indica</i>, <i>Limonia acidissima</i>,  <i>Ficus bengalensis</i>, <i>Aegle marmelos</i>,  <i>Mitragyna parvifolia</i>, <i>Dalbergia latifolia</i>,  <i>Pterocarpus marsupium</i>, <i>Syzygium cumini</i>,  <i>Albizia procera</i>, <i>Terminalia bellarica</i>,  <i>Pongamia pinnata</i>, <i>Madhuka indica</i>,  <i>Tamarindus indica</i>, <i>Pithecelobium dulce</i>,  <i>Sterculia urens</i>, <i>Dalbergia sissoo</i>, <i>Bombax ceiba</i>, <i>Albizia lebbek</i>.</p>
		
		
3.7.	Adequate groundwater recharge measures shall be taken up for augmentation of ground water. The project authorities shall meet water requirement of nearby village(s) after due treatment conforming to the specific requirement (standards).	<p><b>Complied</b></p> <p>For the purpose of augmentation of groundwater recharge measures, it is proposed to construct 100 No. of rain water harvesting pits in surrounding five villages, out of which 63 No. of Rainwater harvesting structures were constructed at Rejarla(15), Sathupalli (40) and Kistaram (8). For the purpose of drinking water, 13 No. of R.O. Plants provided in the surrounding villages and the works are under progress.</p>
		

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Cond. No.	Condition	Compliance
		
3.8.	Industrial waste water generated from CHP, workshop and other waste water, shall be properly collected and treated so as to conform to the standards prescribed under the Water Act 1974 and Environment (Protection) Act, 1986 and the Rules made there under, and as amended from time to time. Adequate ETP/STP needs to be provided.	<p><b>Complied</b></p> <p>To collect Industrial waste water generated from CHP and workshop a common 52 kl ETP is provided within the mine.</p> <p>1.5 MLD capacity STP is already constructed at Rudrampur Colony, Kothagudem. In addition STP of 200 KLD capacity is constructed in the recently established SCCL colony at Ayyagaripeta of Sathupalli town.</p> <p>Water quality of mine discharge is being monitored at regular intervals before discharging into natural water course and results are in prescribed standards.</p>
		 Latitude: 17.224132 Longitude: 80.815347 Elevation: 169.23 ± 11.49 m Accuracy: 7.65 m Time: 23-01-2024 18:09:22 Note: STP at Ayyagaripeta-SCCL
	 Latitude: 17.219519 Longitude: 80.795319 Elevation: 176.07 ± 7.65 m Accuracy: 5.23 m Time: 21-02-2023 15:58:57 Note: Kistaram OCP ETP	
3.9.	The water pumped out from the mine, after siltation, shall be utilized for industrial purpose viz. watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly.	<p><b>Complied</b></p> <p>The seepage water pumped out of the project after siltation is being utilized for dust suppression, plantation, and fire fighting etc.</p> <p>The drains are being regularly desilted particularly after monsoon and maintained properly.</p>
3.10.	The surface drainage plan including surface water conservation plan for	<p><b>Complied</b></p> <p>The surface drainage plan including surface</p>

## Kistaram Opencast Coal Mining Project HYMR Report From Oct' 2024– Mar'2025

Cond. No.	Condition	Compliance
	the area of influence affected by the said mining operations, considering the presence of river/rivulet/pond/lake etc, shall be prepared and implemented by the project proponent. The surface drainage plan and/or any diversion of natural water courses shall be as per the approved Mining Plan/EIA/EMP report and with due approval of the concerned State/Gol Authority. The construction of embankment to prevent any danger against inrush of surface water into the mine should be as per the approved Mining Plan and as per the permission of DGMS or any other authority as prescribed by the law.	water conservation plan for the area of influence affected by the said mining operations, considering the presence of water bodies in the area has been prepared and being implemented. There are no diversions of natural water courses involved for the project. Therefore, there is no proposal of construction of embankment.
3.11.	The project proponent shall take all precautionary measures to ensure riverine/riparian ecosystem in and around the coal mine up to a distance of 5 km. A riverine/riparian ecosystem conservation and management plan should be prepared and implemented in consultation with the irrigation/water resource department in the state government.	<b>Not applicable.</b> There are no rivers in and around the mine.
3.12.	Quality of polluted water generated from the operations which include COD and acid mine drainage and metal contamination shall be monitored along with TDS, DO, TSS. The monitored data shall be uploaded on the website of the company as well as displayed at the site in public domain.	<b>Complied</b> The quality of water generated from the operations which include COD and acid mine drainage and metal contamination along with TDS, DO, TSS is being monitored through an external agency viz., Environment Protection Training and Research Institute (EPTRI), Hyderabad, a CPCB recognized and NABL accredited state laboratory.
3.13.	Domestic water shall be providing to the residents/villages which are coming under the zone of influence of the project due to ground water extraction and mining operation by installing adequate number of RO plants with proper supply line and Taps within 2 years.	<b>Complied</b> Domestic water is being supplied to the residents/villages by providing 13 Nos. of RO Plants
3.14.	No obsolete technologies for sewage treatment shall be implemented. Construction of Sewage Treatment Plant with latest technology should be completed within 2 years and treated water shall be reused for plantation. CTE and CTO of STP shall be obtained as per the norms.	<b>Complied</b> One STP with latest technology of capacity 200 KLD was constructed at PVNR Centenary Colony which is in operation. CFE & CFO obtained to Kistaram Opencast Coal Mining Project for 2.80MTPA.

**4. Noise and Vibration monitoring and prevention**

Cond. No.	Condition	Compliance
4.1	Adequate measures shall be taken for control of noise levels as per Noise Pollution Rules, 2016 in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with personal protective equipments (PPE) like ear plugs/muffs in conformity with the prescribed norms and guidelines in this regard. Adequate awareness programme for users to be conducted. Progress in usage of such accessories to be monitored.	<p><b>Agreed to Comply</b></p> <p>Adequate measures are being taken for control of noise levels as per Noise Pollution Rules, 2016 in the work environment.</p> <p>All the HEMM are provided with Sound Proof AC Cabins.</p> <p>Periodic planned preventive maintenance &amp; engine tuning of HEMM and other transport vehicles is being done.</p> <p>Workers being engaged in noisy environment like blasting and drilling operations, operation of HEMM, etc are being provided with personal protective equipments (PPE) like ear plugs/muffs.</p> <p>Adequate awareness programme for users are being conducted.</p> <p>Progress in usage of such accessories is being monitored during the inspections of officers and supervisors.</p> <p>Thick Green Belt has been developed around the project for noise attenuation Noise Monitoring data for the period of Oct, 2024 to Mar, 2025 is enclosed as <a href="#">Annexure-16</a>.</p>
4.2	Controlled blasting techniques shall be practiced in order to mitigate ground vibrations, fly rocks, noise and air blast etc., as per the guidelines prescribed by the DGMS.	<p><b>Agreed to Comply</b></p> <p>Controlled blasting with nonels is being carried out in order to mitigate ground vibrations, fly rock, noise and air blast.</p> <p>Regular monitoring is being carried out by recording the blast induced ground vibrations in terms of Peak Particle Velocity (PPV) and air over pressure in terms of Hz &amp; dB with the help of seismograph (Minimate) and the monitored results are well within permissible limits. <a href="#">Annexure-17</a></p>
4.3	The noise level survey shall be carried out as per the prescribed guidelines to assess noise exposure of the workmen at vulnerable points in the mine premises, and report in this regard shall be submitted to the Ministry/RO on six-monthly basis.	<p><b>Agreed to Comply</b></p> <p>Noise level survey is being carried out as a part of PPEM at the locations in the Core Zone &amp; Buffer zones of the project at PO Office, Cherukupalli and Kistaram Villages, Noise Monitoring data for the period of Oct, 2024 to Mar, 2025 is enclosed as <a href="#">Annexure-16</a>.</p> <p>The monitoring data is being submitted along with half yearly reports to the ministry/regional office of MoEF&amp;CC on</p>

## Kistaram Opencast Coal Mining Project HYMR Report From Oct' 2024– Mar'2025

Cond. No.	Condition	Compliance
		<p>six-monthly basis.</p> <p>In addition, noise level survey is being carried out as per the D.G.M.S. guidelines to assess noise exposure of the workmen at vulnerable points in the mine premises and records are being maintained.</p> <p>Noise level survey details at the mine are enclosed as <a href="#">Annexure-16A</a>.</p>

### 5. Mining Plan

Cond. No.	Condition	Compliance
5.1	Mining shall be carried out under strict adherence to provisions of the Mines Act 1952 and subordinate legislations made there-under as applicable.	<p><b>Agreed to Comply</b></p> <p>Mining operations are being carried out under strict adherence to provisions of the Mines Act 1952 and subordinate legislations made there-under as applicable.</p>
5.2	Mining shall be carried out as per the approved mining plan(including Mine Closure Plan) abiding by mining laws related to coal mining and the relevant circulars issued by Directorate General Mines Safety (DGMS).	<p><b>Agreed to Comply</b></p> <p>Mining Plan &amp; Mine Closure Plan of Kistaram Opencast Coal Mining Project (2.00 Mtpa) was approved by MoC vide Lr. No. 13016/1/2012-CA-II dated 21.03.2014 for 2.0 Mtpa.</p> <p>Mining operations are being carried out as per the approved mining plan(including Mine Closure Plan) abiding by mining laws related to coal mining and the relevant circulars issued by Directorate General Mines Safety (DGMS).</p> <p>Copy of MP approval is enclosed as <a href="#">Annexure-18</a>.</p>
5.3	No mining shall be carried out in forest land without obtaining Forestry Clearance as per Forest (Conservation) Act, 1980.	<p><b>Complied</b></p> <p>Mining operations are commenced after obtaining forest land clearance only.</p> <p>Forest clearance has been accorded by MoEF&amp;CC for diversion of 285.44 ha of forest land vide.F.No.8-55-/2014/-FC, dt. 12<sup>th</sup> April, 2019.</p> <p>FC is enclosed as <a href="#">Annexure-5 &amp; 5A</a>.</p>
5.4	Efforts should be made to reduce energy and fuel consumption by conservation, efficiency improvements and use of renewable energy.	<p><b>Complied</b></p> <p><u>1. Solar Power:</u> Total Solar Power Installed in the SCCL is approximately 234.5 Mega Watt (MW), out of which installed capacity in Kothagudem Region is approximately 47.50 MW.</p> <p><u>2. Fixing of Energy Meters:</u></p> <ul style="list-style-type: none"> <li>20000 No.s fixed in quarters of SCCL.</li> </ul>

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Cond. No.	Condition	Compliance
		<ul style="list-style-type: none"> <li>Target is to fix in all 46,000 No. of SCCL quarters</li> </ul> <p><u>3. Lighting:</u></p> <ul style="list-style-type: none"> <li>Incandescent lamps are banned in quarters.</li> <li>Advised to replace LED lamps in place of Incandescent lamps.</li> <li>Conventional street/yard lighting is replaced with LED lights.</li> </ul> <p><u>4. Energy efficient appliances:</u></p> <ul style="list-style-type: none"> <li>Made mandatory to purchase 5 star rated house hold appliances.</li> <li>Purchased 5 star rated Air conditioners, Refrigerators, Fans, Coolers etc., in the company and also made propaganda among the employees.</li> </ul> <p><u>5. Others:</u></p> <ul style="list-style-type: none"> <li>In OC mines, proposed to procure mobile Solar Lighting Masts with energy saving LED lights with Battery backup in place of diesel operated DG Set with conventional high capacity lights.</li> <li>Arranged to fix transparent acrylic sheets on roof top to utilize day light.</li> </ul> <p>Using timers in street lighting in all areas.</p>
5.5	PP shall adopt mining method by preferably using surface miners for the project and silo loading through in-pit conveyor should be adopted.	<p><b>Complied</b></p> <p>A silo loading through in-pit conveyor was provided for loading of coal into Railway Wagons.</p>
5.6	Transportation of coal till Railway Siding shall be developed to avoid transportation through Road.	<p><b>Complied</b></p> <p>A silo loading through in-pit conveyor was provided for loading of coal into Railway Wagons.</p>

### 6. Land Reclamation

Cond. No.	Condition	Compliance
6.1	Digital Survey of entire lease hold area/core zone using Satellite Remote Sensing survey shall be carried out at least once in three years for monitoring land use pattern and report in 1:50,000 scale or as notified by Ministry of Environment, Forest and Climate Change (MOEFCC) from time to time shall be submitted to MOEFCC/ Regional Office (RO).	<p><b>Complied</b></p> <p>Digital Survey of entire lease hold area/core zone using Satellite Remote Sensing survey is being carried out once in three years.</p> <p>Land use Land cover study of core &amp; buffer zone was last carried out by M/S Geosys Enterprise Solutions Private Ltd. Hyderabad, during the year 2022 in 1:50,000 scale for monitoring land use pattern and report was submitted to MOEFCC/Regional Office (RO) at Chennai vide Ref.No.</p>

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Cond. No.	Condition	Compliance
		ENV/KGM/VK7/552/54,Dt.24.05.2023. Copy of last Land use Land cover study along with letter submitted to MoEF&CC enclosed as <a href="#">Annexure-20</a> .
6.2	The final mine void depth should preferably be as per the approved Mine Closure Plan, and in case it exceeds 40m, adequate engineering interventions shall be provided for sustenance of aquatic life therein. The remaining area shall be backfilled and covered with thick and alive top soil. Post-mining land be rendered usable for agricultural/forestry purposes and shall be diverted. Further action will be treated as specified in the guidelines for Preparation of Mine Closure Plan issued by the Ministry of Coal dated 27th August, 2009 and subsequent amendments.	<b>Agreed to Comply</b> The maximum depth of the final void at the end of the mining operation is 35 m with a void area of 130.51 ha. The void at the end of mining operations will be left over as a water body. The remaining area will be backfilled and covered with thick and alive top soil, wherein plantation is carried out. By post-closure stage, plantation will be carried out in 272.45 ha, 139.76 ha area will be converted as water body and 23.47 ha will be utilized for company use. Final mine closure plan will be submitted to MoC five years before the intended final closure of the mine as per the guidelines of Ministry of Coal. Adequate engineering interventions will be provided for sustenance of aquatic life in case it exceeds 40 m.
6.3	The entire excavated area, backfilling, external OB dumping (including top soil) and afforestation plan shall be in conformity with the “during mining”/“post mining” land-use pattern, which is an integral part of the approved Mining Plan and the EIA/EMP submitted to this Ministry. Progressive compliance status vis-a-vis the post mining land use pattern shall be submitted to the MOEFCC/RO.	<b>Complied</b> Excavation, backfilling, external OB dumping (including top soil) and afforestation is being carried out as envisaged in the approved Mining Plan /EIA-EMP. Plantation is being carried out over the finished OB dumps after attaining their planned maximum height. So far, OB is backfilled in 53.51 ha of de-coaled void area. Progressive compliance status vis-à-vis the post mining land use pattern is being submitted to the MoEF&CC/RO along with HYMR.
6.4	Fly ash shall be used for external dump of overburden, backfilling or stowing of mine as per provisions contained in clause (i) and (ii) of sub-paragraph (8) of fly ash notification issued vide SO 2804 (E) dated 3rd November, 2009 as amended from time to time. Efforts shall be made to utilize gypsum generated from Flue Gas Desulfurization (FGD), if any, along with fly ash for external dump of overburden, backfilling of mines. Compliance report shall be submitted to Regional Office of MoEF&CC, CPCB and	<b>Agreed to comply</b> Mining Plan of Kistaram OCP was approved by MoC vide F.No. 13016/1/2012-CA-II, dt. 21.03.2014. It has been approved that the external dump yard and mine void (backfilling area) have to be filled with the overburden generated from the mine without mixing fly ash. Further, PP informed that as per the S.O.5481(E), dated 31.12.2021 issued by the MoEF&CC, Gol a committee headed by chairperson CPCB,

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Cond. No.	Condition	Compliance
	SPCB.	representatives of MoEF&CC, MoC, MoP, DGMS and IBM was constituted to identify mines (Both underground and opencast) for fly ash utilization. Project Proponent agreed to implement the directions/guidelines as stipulated by the Committee with regard to utilization of fly ash.
6.5	Further, it may be ensured that as per the time schedule specified in mine closure plan it should remain live till the point of utilization. The topsoil shall temporarily be stored at earmarked site(s) only and shall not be kept unutilized. The top soil shall be used for land reclamation and plantation purposes. Active OB dumps shall be stabilized with native grass species to prevent erosion and surface run off. The other overburden dumps shall be vegetated with native flora species. The excavated area shall be backfilled and afforested in line with the approved Mine Closure Plan. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment, Forest and Climate Change/ Regional Office.	<p><b>Complied</b></p> <p>Topsoil is being temporarily stored at the earmarked site within the project area, which is being used for land reclamation and plantation purposes. OB dumps after attaining their planned maximum height are being stabilized with native species to prevent erosion and surface run off. So far 1.537 M.Cum of top soil removed from the project of which is 1.154 M.Cum stored separately at the marked area. Monitoring and management of rehabilitated areas will be continued until the vegetation becomes self-sustaining. So far plantation has been carried out in 78.50 ha, which includes external OB dump and other areas. Compliance status is being submitted along with half yearly reports to the ministry/regional office of MoEF&amp;CC on six-monthly basis.</p>
6.6	The project proponent shall make necessary alternative arrangements, if grazing land is involved in core zone, in consultation with the State government to provide alternate areas for livestock grazing, if any. In this context, the project proponent shall implement the directions of Hon'ble Supreme Court with regard to acquiring grazing land.	<p>Not applicable.</p> <p>No grazing land is involved in the project.</p>
6.7	Top soil should be stored separately at marked area and necessary vegetation shall be maintained to avoid any entrainment of dust.	<p><b>Complied</b></p> <p>The topsoil is being temporarily stored at earmarked site and is being utilized for reclamation on the dumps.</p>
6.8	Progressive backfilling of mine and progressive reclamation of OB dump shall be done.	<p><b>Complied</b></p> <p>Progressive backfilling of mine and progressive reclamation of OB dump will be continued. So far in an area of 78.50 Ha. of plantation completed.</p>
6.9	Active OB Dump should not be kept barren/open and should be covered by temporary grass to avoid air born of	<p><b>Complied</b></p> <p>Active OB dumps are being stabilized with native grass species to prevent</p>

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Cond. No.	Condition	Compliance
	particles.	erosion and surface run off. Presently OB dumping is being carried out on external and internal dumps.
6.10	PP shall explore the possibilities of utilization of OB material for different purposes (in construction of roads/ manufacture of artificial sand, aggregates/ use for farmers etc.).	<b>Complied</b> A pilot plant at Medapalli OCP, Godavarikhani has been established with a production capacity of 100TPH of M-Sand.
6.11	All approach roads to mine and all other roads which are in regular use should be black topped. The maintenance of road shall be done by PP in collaboration with state government.	<b>Complied</b> All approach roads to mine and all other roads which are in regular use are black topped.
6.12	Hon'ble Supreme Court in an Writ Petition(s) Civil No. 114/2014, Common Cause vs Union of India & Ors vide its judgement dated 8th January, 2020 has directed the Union of India to impose a condition in the mining lease and a similar condition in the environmental clearance and the mining plan to the effect that the mining lease holders shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. Compliance of this condition after the mining activity is over at the cost of the mining lease holders/Project Proponent". The implementation report of the above said condition shall be sent to the Regional Office of the MoEF&CC.	<b>Complied</b> After completion of mining operations, re-grassing/reclamation of the disturbed area due to mining activities will be taken up and restored as per the approved Mining Plan & Final Mine Closure Plan. The implementation report will be submitted to the Regional Office of the MoEF&CC during the post closure stage.

### 7. **Green Belt**

Cond. No.	Condition	Compliance
7.1	The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered/endemic flora/fauna, if any, spotted/reported in the study area. The Action plan in this regard, if any, shall be prepared and implemented in consultation with the State Forest and Wildlife Department.	<b>Not applicable.</b> No endangered/endemic flora/fauna reported in the study area. A site-specific Wildlife Conservation & Mitigation Plan for Schedule-I species (Indian peafowl, Indian monitoring Lizard and Indian python) was prepared in consultation with state forest department for an amount of Rs. 2.43 crores which was approved by the Principal Chief Conservator of Forest (HoFF) and Chief Wild life Warden (FAC), TS. vide Ltr No. Prl CCF (HoFF), TS, Hyderabad, Rc.No. 54546/2009/FCA-1/TS, Dt:23.11.2018.

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Cond. No.	Condition	Compliance
		For implementation, SCCL deposited the funds in favor of State Forest Department Vide Lr.No. CRP/EST/F-112/2018/989 Dt.06.12.2018.
7.2	Greenbelt consisting of 3-tier plantation of width not less than 7.5 m shall be developed all along the mine lease area as soon as possible. The green belt comprising a mix of native species, (endemic species should be given priority) shall be developed all along the major approach/coal transportation roads. And plantation should also be carried out in nearby area with consent of forest department and grampanchayat within 10km radius with its proper maintenance.	<p><b>Complied</b></p> <p>Total peripheral length of the mine is 10.00 km, of which 6.17 km length is in Forest Land and remaining 3.87 km exists in Non-Forest Land.</p> <p>7.5 m width green belt has been developed all along the length of Forest land periphery towards final boundary with natural forest and gap plantation.</p> <p>In the remaining 3.87 km length of Non-Forest land, around 2.43 km length is developed with 7.5 m width green belt and around 1.44 km length is developed with avenue plantation.</p> <p>The greenbelt comprising a mix of native species and endemic species has been developed. A plantation plan is enclosed as <a href="#">Annexure-21</a>.</p> <p><u>Species planted:</u>  <i>Hardwickia binata, Dendrocalamus strictus, Ficus religiosa, Pterocarpus santalinus, Azadirachta indica, Limonia acidissima, Ficus bengalensis, Aegle marmelos, Mitragyna parvifolia, Dalbergia latifolia, Pterocarpus marsupium, Syzygium cumini, Albizzia procera, Terminalia bellarica, Pongamia pinnata, Madhuka indica, Tamarindus indica, Pithecelobium dulce, Sterculia urens, Dalbergia sissoo, Bombax ceiba, Albizzia lebbek.</i></p>

### 8. Public Hearing and Human Health Issues

Cond. No.	Condition	Compliance
8.1	Adequate illumination shall be ensured in all mine locations (as per DGMS standards) and monitored weekly. The report on the same shall be submitted to this ministry & it's RO on six-monthly basis.	<p><b>Complied</b></p> <p>Adequate illumination is being ensured in all mine locations (as per DGMS standards) and monitored weekly.</p> <p>The report on the same is being submitted to the ministry &amp; it's RO on six-monthly basis.</p> <p>Data for the period from Oct, 2024 to Mar, 2025 is enclosed as <a href="#">Annexure-22</a>.</p>
8.2	The project proponent shall undertake occupational health survey for initial and periodical medical examination of the personnel engaged in the project and	<p><b>Complied</b></p> <p>SCCL is providing free medical treatment to all the workmen and their family members in the 7 area hospital (with a</p>

# Kistaram Opencast Coal Mining Project HYMR Report From Oct' 2024– Mar'2025

Cond. No.	Condition	Compliance
	maintain records accordingly as per the provisions of the Mines Rules, 1955 and DGMS circulars. Besides regular periodic health check-up, 20% of the personnel identified from workforce engaged in active mining operations shall be subjected to health check-up for occupational diseases and hearing impairment. If any, as amended time to time.	<p>total of 821 beds) and 21 dispensaries established in all the workings areas of the company.</p> <p>SCCL is also conducting regular health camps in villages located in the vicinity of project to study the health status of the people and is providing free treatment in SCCL hospitals.</p> <p>In addition, SCCL established eleven Initial Medical Examination (IME) /Periodical Medical Examination (PME) centres in the company, i.e., at Kothagudem, Manuguru, Yellandu, Godavarikhani, Sector - III Colony (Godavarikhani), Bellampalli, Ramakrishnapur, Mandamarri, Srirampur Bhupalpally and Sathupalli for conducting IME/PME of the employees including contract employees.</p> <p>All the PME Centers are equipped with necessary infrastructure for carrying out IME/PME and maintenance of data base. Every PME centre is provided with the facility for chest radiographs as per ILO guidelines with a set of ILO standard chest radiographs on Pneumoconiosis, lung function tests with computerized Spirometers of RMS make, and facilities for Audiometry with pure tone Audiometry equipment.</p> <p>All the Chest radiographs of the Initial and Periodical Medical examinations are being classified for detection, diagnosis and documentation of Pneumoconiosis in accordance with the ILO classification for Pneumoconiosis according to DGMS guidelines.</p> <p>All the PME Doctors employed except gynaecologists, paediatricians, surgeons and ortho surgeons are trained to read PME X-Rays in accordance with ILO classification of Pneumoconiosis.</p> <p>SCCL has one Occupational Diseases Board (Pneumoconiosis Board) in existence since 1965. Chief of Medical Services, Radiologist constituted the Occupational Diseases Board, Physician and Occupational Health Physician together.</p> <p>In SCCL, Every employee above 45 years age is examined at an interval of once in three years and employees of below 45 years age are examined once in five years under PME. If, on</p>

# Kistaram Opencast Coal Mining Project HYMR Report From Oct' 2024– Mar'2025

Cond. No.	Condition	Compliance
		<p>examination his health status is found to be normal, he will be reviewed after completion of 5/3 years period.</p> <p>Eye refraction test is being done for vehicle drivers and HEMM operators at an interval of once in a year.</p> <p>The PME details are being submitted to the Ministry and to the DGMS at regular intervals.</p>
8.3	Personnel (including outsourced employees) working in core zone shall wear protective respiratory devises and shall also be provided with adequate training and information on safety and health aspects.	<p><b>Complied</b></p> <p>Persons being deployed in open atmosphere in mining operations are being provided with dust masks to wear and adequate training and information on safety and health aspects is being imparted.</p> <p>Dust masks are being provided to workmen exposed to dusty environment.</p> <p>Dust masks to the outsourced employees are being provided by respective OB contractual agencies.</p> <p>Adequate training is being imparted on safety and health aspects at the Mine Vocational Training Centre, Kothagudem and Sathupalli during initial/ refresher training programmes and being educated regularly during safety education, talks etc. by concerned in charges.</p>
8.4	Implementation of the action plan on the issues raised during the public hearing shall be ensured. The project proponent shall undertake all the tasks/measures as per the action plan submitted with budgetary provisions during the public hearing. Land oustees shall be compensated as per the norms laid down in the R&R policy of the company/State Government/Central Government, as applicable.	<p><b>Complied</b></p> <p>Action plan on the issues raised during the public hearing is formulated and implementation is being ensured.</p> <p>All the tasks/measures as per the action plan with budgetary provision submitted during the public hearing are being undertaken.</p> <p>Land oustees were compensated as per the norms laid down in the R&amp;R policy of the company/State Government/ Central Government, as applicable. An amount of around Rs.15.90 Crores was spend towards implementation of R&amp;R.</p>
8.5	The project proponent shall follow the mitigation measures provided in this Ministry's OM No.Z-11013/5712014-IA.II (M) dated 29th October, 2014, titled 'Impact of mining activities on habitations-issues related to the mining projects wherein habitations and villages are the part of mine lease areas or habitations and villages are surrounded by the mine lease area'.	<p><b>Agreed to Comply</b></p> <p>All the mitigation measures provided in Ministry's OM No.Z-11013/5712014-IA.II (M) dated 29<sup>th</sup> October, 2014, are being implemented.</p>

## Kistaram Opencast Coal Mining Project HYMR Report From Oct' 2024– Mar'2025

Cond. No.	Condition	Compliance																					
8.6	PP to conduct need based assessment survey of the area to for in order to decide the activities to be carried under the CSR and to provide detail of the activity carried out with adequate budgetary provision and time bound action plan.	<b>Complied</b> Need based assessment survey of the area to for in order to decide the activities will be carried under the CSR.																					
8.7	PP should conduct epidemiology study to (analysis of the distribution, patterns and determinants of health and disease conditions in defined populations).	<b>Complied</b> Epidemiology study was conducted																					
8.8	Permanent Health care facilities of Hospital should be established within 5 km of project boundary for the local people.	<b>Complied</b> A hospital is established near the project site with doctors and treatment is extended to all the local people free of cost.																					
8.9	PP must ensure an emergency action plan during pandemic in order to provide assistance to the nearby villages located within the 10km radius buffer zone (If required).	<b>Complied</b> SCCL will provide assistance to the nearby villages located within 10 Km area of buffer zone in case of any emergency including Pandemic situation.																					
8.10	PP is asked to also identify the rural areas for installation of solar light with its maintenance within the study area of 10 km radius buffer zone within one year.	<b>Complied</b> SCCL provided 240 No's of 1KW street lights in 10kms radius of the villages as given below. <table border="1" data-bbox="889 1014 1399 1234"> <thead> <tr> <th>S.No</th><th>Location</th><th>Lights</th></tr> </thead> <tbody> <tr> <td></td><td>Sathupalli</td><td>58</td></tr> <tr> <td></td><td>Rejarla</td><td>40</td></tr> <tr> <td></td><td>Kistaram</td><td>44</td></tr> <tr> <td></td><td>Ayyagaripeta</td><td>44</td></tr> <tr> <td></td><td>Kommugudem</td><td>44</td></tr> <tr> <td></td><td>Total</td><td>240</td></tr> </tbody> </table>	S.No	Location	Lights		Sathupalli	58		Rejarla	40		Kistaram	44		Ayyagaripeta	44		Kommugudem	44		Total	240
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	Kommugudem	44																					
	Total	240																					
8.11	PP to take measure for installation of Renewable Energy sources in nearby area falling within 10 km radius.	<b>Complied</b> SCCL provided 240 No's of 1KW street lights in 10kms radius of Sathupalli, Rejarla, Kistaram, Ayyagaripeta & Kommugudem Villages with total cost of 100 Lakhs.. SCCL is also providing Solar water pump sets of 5HP capacity for agriculture to the farmers with in 10kms radius of Kistaram, Rejarla, Kothuru & Kommugudem with total cost of 390 Lakhs.																					
8.12	The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the	<b>Complied</b> Adequate illumination is being ensured in all mine locations as per the DGMS standards and being monitored weekly. The report on the same is submitted to this ministry & it's RO on six-monthly basis.																					

## Kistaram Opencast Coal Mining Project HYMR Report From Oct' 2024– Mar'2025

Cond. No.	Condition	Compliance
	villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/night hours.	
8.13	Adequate facility of drinking water, plantation and other social amenities should be provided to established R&R villages.	<b>Complied</b> All the facilities for drinking water, Avenue plantation and other social amenities like School, Temple, Church, Mosque, Community Hall etc were provided in the R&R centre.
8.14	Persons of nearby villages shall be given training on livelihood and skill development to make them employable with its proper records.	<b>Complied</b> Skill development programmes are being conducted to improve the job opportunities for unemployed local youth in project contractual operations and also in other segments.
8.15	Compensation of the land acquired for the project shall be settled as per the R&R Policy within fixed timeline.	<b>Complied</b> Compensation of the land acquired for the project was paid as per LARR Act 2013.

### 9. Corporate Health Responsibility.

Cond. No.	Condition	Compliance
9.1	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/ forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders.	<b>Complied</b> The company is having a well laid down environmental policy duly approved by the Board of Directors. Copy enclosed as <a href="#">Annexure-23</a> . The environmental policy is framed with 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 is having a defined system of reporting infringements/deviation/ violation of the environmental/ forest/ wildlife norms/conditions and/or shareholders/stake holders.
9.2	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	<b>Complied</b> A company level environment cell with qualified personnel headed by General Manager (Environment) who is directly reportable to the Chairman of the Company is established to monitor and guide in implementation of the environmental safeguards.

# Kistaram Opencast Coal Mining Project HYMR Report From Oct' 2024– Mar'2025

Cond. No.	Condition	Compliance																																							
		<p>An area level environmental cell headed by qualified environmental officer is established and functioning under the control of area General Manager to monitor and guide in implementation of the environmental safeguards.</p> <p>Apart from this, a unit level Environmental Management Committee with multi disciplinary team has been constituted under the chairmanship of SO to GM. The committee has been constituted with following members.</p> <table border="1"> <tr> <td>1.</td><td>SO to General Manager</td><td>Chairman</td></tr> <tr> <td>2.</td><td>Project Officer</td><td>Member</td></tr> <tr> <td>3.</td><td>Area Engineer (E&amp;M)</td><td>Member</td></tr> <tr> <td>4.</td><td>Area Civil Engineer</td><td>Member</td></tr> <tr> <td>5.</td><td>Area Forest Officer</td><td>Member</td></tr> <tr> <td>6.</td><td>Area Estates Officer</td><td>Member</td></tr> <tr> <td>7.</td><td>Project Manager</td><td>Member</td></tr> <tr> <td>8.</td><td>Project Engineer</td><td>Member</td></tr> <tr> <td>9.</td><td>Project Surveyor</td><td>Member</td></tr> <tr> <td>10.</td><td>Project Env. Officer</td><td>Member</td></tr> <tr> <td>11.</td><td>Area Env. Officer</td><td>Secretary</td></tr> <tr> <td>12.</td><td>Sr. Hydro Geologist</td><td>Member</td></tr> <tr> <td>13.</td><td>Area Survey Officer</td><td>Member</td></tr> </table> <p>Environment Management Committee meetings will be held regularly. Latest Minutes were enclosed as <a href="#">Annexure-24</a>.</p>	1.	SO to General Manager	Chairman	2.	Project Officer	Member	3.	Area Engineer (E&M)	Member	4.	Area Civil Engineer	Member	5.	Area Forest Officer	Member	6.	Area Estates Officer	Member	7.	Project Manager	Member	8.	Project Engineer	Member	9.	Project Surveyor	Member	10.	Project Env. Officer	Member	11.	Area Env. Officer	Secretary	12.	Sr. Hydro Geologist	Member	13.	Area Survey Officer	Member
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9.3	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.	<p><b>Complied</b></p> <p>The funds earmarked for environmental protection measures are not being diverted for any other purpose.</p> <p>So far an amount of Rs.8.51 Crores was spend as environmental capital cost and Rs.18.32 Crores spend as Environmental Revenue cost.</p> <p>For implementing EMP and environmental conditions, responsibilities are being assigned to the concerned unit level and area level officers after time-to-time review meetings.</p> <p>Year wise progress of implementation of action plan shall be reported to the Ministry /Regional Office along with the Six-Monthly Compliance Report.</p>																																							
9.4	Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	<p><b>Complied</b></p> <p>Self environmental audit was conducted Vide. Lr.No.KGM/ENV/406/2024/108A,Dt.01.06.2024 enclosed as <a href="#">Appendix-24A</a>.</p> <p>Third party environmental audit will be</p>																																							

## Kistaram Opencast Coal Mining Project HYMR Report From Oct' 2024– Mar'2025

Cond. No.	Condition	Compliance
		carried out in three years.
9.5	PP should establish in house (at project site) environment laboratory for measurement of environment parameter with respect to air quality and water (surface and ground). A dedicated team to oversee environment management shall be setup which should comprise of Environment Engineers, Laboratory chemist and staff for monitoring of air, water quality parameters on routine basis. Any non-compliance or infringement should be reported to the concerned authority.	<b>Complied</b> The environmental monitoring of air, water and noise pollution is being monitored through an external agency viz., Environment Protection Training and Research Institute (EPTRI), Hyderabad, a CPCB recognized and NABL accredited state laboratory. EPTRI also established field Laboratory at Kothagudem for monitoring of critical parameters as stipulated by MoEF&CC vide Standards for Coal mines vide GSR-801 (E), dt. 25.09.2000.

### 10. Miscellaneous.

Cond. No.	Condition	Compliance
10.1	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	<b>Complied</b> Advertisement was given in daily News paper of vernacular language (Telugu) in "Andhrajyothi" and English daily News paper " <a href="#">The Hans India</a> " on 24.10.2024 after grant of EC.  A copy of the advertisement given in daily News paper as <a href="#">Annexure-25</a> .  A copy of the Environmental clearance was also displayed in the SCCL's website Permanently.URL: <a href="https://scclmines.com/env/docs/ECS/11011.pdf">https://scclmines.com/env/docs/ECS/11011.pdf</a>
10.2	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	<b>Complied</b> This condition was complied immediately after obtaining EC from MoEF&CC, New Delhi vide Lr. No. KGM/ENV/406/2024/184 to 196 dated 24th Oct, 2024 sent to heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government.  A copy of the letters given is enclosed as <a href="#">Annexure-26</a> .
10.3	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half yearly basis..	<b>Complied</b> Status of compliance of the stipulated environment clearance conditions including results of monitored data for the period of preceding six months period is being uploaded in company website URL: <a href="https://scclmines.com/env/docs/ECS/1">https://scclmines.com/env/docs/ECS/1</a>

# Kistaram Opencast Coal Mining Project HYMR Report From Oct' 2024– Mar'2025

Cond . No.	Condition	Compliance
		<a href="#">10111.pdf</a>
10.4	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	<p><b>Complied</b></p> <p>PM10, PM2.5, SO2 and NOx are being carried out in core zone as well as in buffer zone.</p> <p>The monitoring results are being provided in half yearly monitoring reports and are also being uploaded in company website.</p> <p>URL:  <a href="https://scclmines.com/env/docs/ECS/110112.pdf">https://scclmines.com/env/docs/ECS/110112.pdf</a></p> <p>In addition, an online ambient air quality monitoring station is established at the core zone and its display system is provided near the project office which is also connected to TSPCB server. The real time data is available on TSPCB website.</p>
	 <p>CAAQMS AT MINE</p>	 <p>DISPLAY AT MINE ENTRANCE</p>
10.5	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	<p><b>Complied</b></p> <p>Six-monthly reports on the status of the compliance of the stipulated environmental conditions are being submitted on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.</p> <p>URL:  <a href="http://environmentclearance.nic.in/user/ComplianceDashboardDetails.aspx?Type=AQYAfuhNxQubVrP34hZEYjjL0oGukLgNTpiwpps1Muk">http://environmentclearance.nic.in/user/ComplianceDashboardDetails.aspx?Type=AQYAfuhNxQubVrP34hZEYjjL0oGukLgNTpiwpps1Muk</a></p>
10.6	The project proponent shall follow the mitigation measures provided in this Ministry's OM No.Z-11013/5712014-IA.II (M) dated 29th October, 2014, titled 'Impact of mining activities on habitations-issues related to the mining projects wherein habitations and villages are the part of mine lease areas or habitations and villages are surrounded by the mine lease	<p><b>Agreed to Comply</b></p> <p>All the mitigation measures provided in Ministry's OM No.Z-11013/5712014-IA.II (M) dated 29<sup>th</sup> October, 2014, are being implemented.</p>

# Kistaram Opencast Coal Mining Project HYMR Report From Oct' 2024– Mar'2025

Cond . No.	Condition	Compliance
	area'.	
10.7	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	<b>Complied</b> The Environmental Statement in Form-V for every financial year (1st April-31st March) was submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently. Latest Form-V was submitted on 30.07.2024 vide Ref. No.KGM/ENV/552/142, Dt.30.07.2024 for 2023-2024. Form-V enclosed as <a href="#">Annexure-27</a> .
10.8	The project authorities shall inform to the Regional Office of the MoEF&CC regarding commencement of mining operations.	<b>Agreed to Comply</b> This condition was complied immediately after obtaining EC from MoEF&CC, New Delhi. Informed the Regional Office of the MoEF&CC regarding commencement of mining operations vide Lr.No.KGM/KTR/ AGT/ 2024/818, Dt. 31.12.2024 which is enclosed as <a href="#">Annexure-19</a> .
10.9	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	<b>Agreed to Comply</b> Stipulations made by the State Pollution Control Board and the State Government are being adhered to.
10.10	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.	<b>Agreed to Comply</b> All commitments and recommendations made in the EIA/EMP report and also during presentation to the EAC are being complied. Commitments made on the issues raised during public hearing are also being implemented.
10.11	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change.	<b>Agreed to Comply</b> Any further expansion or modification will be carried out with the prior approval of the Ministry of Environment, Forests and Climate Change.
10.12	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.	<b>Agreed to comply.</b>
10.13	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	<b>Agreed to Comply</b> The conditions stipulated in Environmental clearance letter are being implemented.
10.14	The Ministry reserves the right to stipulate additional conditions if found necessary.	<b>Agreed to comply.</b>

**Kistaram Opencast Coal Mining Project HYMR Report From Oct' 2024– Mar'2025**

Cond . No.	Condition	Compliance
	The Company in a time bound manner shall implement these conditions.	
10.15	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/information/monitoring reports.	<b>Agreed to comply.</b>
10.16	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Trans-boundary 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.	<b>Agreed to Comply</b> All the measures are being taken to avoid soil contamination, contamination of ground water & surface water and occupational and other diseases due to the mining operations. CFE and CFO were obtained for the project under air and Water Acts. Obtained all other necessary clearance /approvals. PLI policy is also being taken every year. The latest PLI policy was taken from National insurance Company bearing no. 550200492410000034, dt. 30.04.2024 and is valid up to 29.04.2025. Public Liability Insurance Policy copy is enclosed as <a href="#"><u>Annexure-28.</u></a>

Periodic progress report regarding environmental protection measures for the period ending Oct' 2024 to Mar' 2025 is enclosed as Part - II.

**Project Officer  
Kistaram OCP**

# Kistaram Opencast Coal Mining Project HYMR Report From Oct' 2024– Mar'2025

Cond . No.	Condition	Compliance
	The Company in a time bound manner shall implement these conditions.	
10.15	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/information/monitoring reports.	<b>Agreed to comply.</b>
10.16	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Trans-boundary 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.	<b>Agreed to Comply</b> All the measures are being taken to avoid soil contamination, contamination of ground water & surface water and occupational and other diseases due to the mining operations. CFE and CFO were obtained for the project under air and Water Acts. Obtained all other necessary clearance /approvals. PLI policy is also being taken every year. The latest PLI policy was taken from National insurance Company bearing no. 550200492410000034, dt. 30.04.2024 and is valid up to 29.04.2025. Public Liability Insurance Policy copy is enclosed as <b><u>Annexure-28</u></b> .

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**Project Officer**  
**Kistaram OCP**  
**Project Officer,**  
**KISTARAM OCP**  
**STPL, Kgm Area**