

**HALF YEARLY ENVIRONMENTAL MONITORING REPORT
APRIL-2023 TO SEPTEMBER-2023
KASIPET-1 UNDERGROUND COAL MINE
MANDAMARRI AREA**

Submitted to

**Ministry of Environment, Forests
&
Climate Change
Government of India**

Submitted by



**The Singareni Collieries Company Limited
(A Govt. Company)
Mandamarri Area**



The Singareni Collieries Company Limited
(A Govt Company)
Mandamarri Area

Ref: No: MMR/ENV/R/003/23/ 224

Date: 24.11.2023

To
THE DIRECTOR/Scientist 'F'
Integrated Regional Office, Hyderabad,
Ministry of Environment, Forest and Climate Change,
Aranya Bhavan, 3rd floor, Saifabad,
Hyderabad- 500004
Telangana State.

Respected Sir,

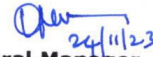
Sub: Half yearly Environmental Monitoring report in respect of
"Kasipet Underground Coal mining Project" of the Singareni
Collieries Company Limited for the period April, 2023 to
September, 2023 -reg.

Ref: MoEF & CC Telangana EC Identification No, EC23B001TG135293,
Date: 02.06.2023.

Reference to the above, the status of implementation of Environmental
clearance conditions vis-à-vis Project progress for the period from April, 2023 to
September, 2023 in respect of "Kasipet Underground Coal Mining project" of
the Singareni Collieries Company Limited, Mandamarri (PO), Mancherial -(Dist),
Telangana- (State) is being furnished for your kind perusal.

Thanking You,

Yours faithfully,


24/11/23

General Manager
Mandamarri Area
The S.C.Co.Ltd.

General Manager
The Singareni Collieries Co. Ltd.
MANDAMARRI AREA
P.O. KALYANI KHANI- 504 231,
Mancherial (Dist), Telangana.

Encl: Half Yearly compliance report of Kasipet Underground
Coal Mining Project

Cc: EE, TSPCB, RO, Nizamabad
GM(Env), Corp,
Agent, KK Group of Mines.

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THE SINGARENI COLLIERIES COMPANY LIMITED
(A Government Company)
MANDAMARRI- AREA

PART - 1

**HALF YEARLY COMPLIANCE REPORT OF ENVIRONMENTAL CLEARANCE
CONDITIONS FROM APRIL-2023 TO SEPTEMBER-2023**

A. SALIENT FEATURES OF THE PROJECT:

1	Name of the Project:	:	Kasipet-1 Incline Underground Coal Mine Project (Expansion)
2	Organization	:	The Singareni Collieries Company Limited
3	Coalfield	:	Godavari Valley Coal Field
4	Type of Mine	:	Underground
5	Technology	:	Board & Pillar with SDLs
6	Environmental Clearance:	:	
	A Letter No & date	:	EC23B001TG135293, (GoI,MoEF), SEIAA (TELGANA) Dated:02-06- 2023
	B Sanctioned capacity	:	0.54 MTPA
	C Mining Lease Area	:	356 Ha
	D Mine Block area (surface)	:	315.548 Ha
	E Date of Public Hearing	:	06.12.2022
7	Location of the Project:		
	A Village	:	Kasipet
	B Tehasil	:	Kasipet
	C District	:	Mancherial
	D State	:	Telangana
	E Latitude	:	North : 19 ⁰ 00' 24" TO 19 ⁰ 02' 22"
	F Longitude	:	East : 79 ⁰ 25' 43" TO 79 ⁰ 27' 03"
	G Topo Sheet	:	56M/8
	H Nearest railway station	:	Bellampalli
	I Nearest Airport	:	Hyderabad
	J Nearest town	:	Bellampalli
8	Address for Correspondence:	:	
	A Name	:	V.Ramadasu
	B Designation	:	AGENT
	C Address	:	THE AGENT, KK GROUP; THE S.C.Co. LTD.,
	D Pin Code	:	504 251
	F E-mail ID	:	agt_kpet_mmr@scclmines.com
	G Telephone No.	:	08736-250265
	H Fax No.	:	08736-257033
9	Life of the Project :		
	A Date of Opening	:	10.08.1994
	B Total Life of the project	:	34 Years

Kasipet-1 Incline HYMR Report from April-2023 to September-2023

		as per EMP	
	C	Balance Life	: 8 Years (from 2022-23)
10	Seams:		
	A	Total Seams Present	: I,II,IIIA,III & IV
	B	Seams being worked	: III & IV
11	Depth		
	A	Minimum Depth (m)	: 35 m
	B	Maximum Depth (m)	: 186 m
	C	Present working depth (m)	: 115 m
12	Reserves		
	A	Total Geological Reserves	: 19.537 MT
	B	Total Extractable Reserves	: 8.156 MT
	C	Reserves already Extracted	: 5.256 MT
	D	Balance Reserves	: 2.9MT
	E	Coal production during last six months	: 0.066MT
13	Land Requirement		
	A	Total Requirement (Mine Take Area)	315.54 ha
	B	Forest land Involved	Nil
	C	Non-forestland	255.68 ha
	D	Land acquired so far	59.32 ha
14	Statutory Clearances		
	A	Ground Water Clearance	: NOC No: TSGWD/MNCL/WALTA/NOC/MINE/0001 Valid From: 23.08.2023 Valid Upto:22.08.2025
	B	Consent for Establishment/ No Objection Certificate	: LrNo:3/PCB/NOC/RO/NZM/aee-n/95/-2929, Dt:21.09.1995. An application was submitted for grant of CTE for the expansion capacity of 0.54 MPTA.
	C	Consent for Operation	: Consent order No:210822208198, Date:21.10.2022, valid up to 30.09.2024, An application was submitted for grant of CTO for the expansion capacity of 0.54 MPTA.
	D	Forest Clearance	: No forest land is involved
	E	Date of approval of mine plans, status & date:	: Mining Plan & Mine Closure Plan was approved by MoC vide Lr. No. 13016/12/2006-CA-II/Pt.II on 27 th Nov, 2014.
	F	Others (Specify)	: Nil
15	R & R Involved		: No R&R is involved in the project

Part – 1

**EC compliance status of Kasipet-1 Incline Underground Coal Mine Project
(EC No: EC23B001TG135293, Date: 02.06.2023)**

COMPLIANCE STATUS OF EC CONDITIONS AS ON 30.09.2023

	Specific & general conditions	Status
(i)	SEAC recommended for an amount of Rs.63,50,000 towards Remediation plan and Natural and Community Resource Augmentation plan to be spent within a span of three years. The details of Remediation plan, Natural resource Augmentation plan and Community Resource Augmentation plan with budgetary provision are mention below:	As per SEAC recommendation budgetary provision is made for an amount of Rs.63,50,000 towards Remediation plan and Natural and Community Resource Augmentation plan and amount will be spent in a span of 3 years as details mentioned below.

Kasipet-1 Incline HYMR Report from April-2023 to September-2023

S. No.	Component	Remediation Proposed	Description	Locations	Units	Total Qty. (No.)	Total Cost	Year-I	Year-II	Year-III
								(Lakhs)	(Lakhs)	(Lakhs)
1	Remediation Activities (Water environment)	Construction of culverts	Lumpsum (LS) cost including Materials, labour, construction and maintenance of one year	Kasipet village	Lumpsum each Rs.8 lakhs	2	16.00	8.00	8.00	--
2	Natural Resource Augmentation Plan Activities	Energy Conservation by adapting Green Energy technology.	Providing Solar Street Lighting (including panels, inverters, wiring, structure, connectors, junction boxes) in nearby villages	1. Kasipet, 2. Muthyampalli, 3. Chinna Darmaram, 4. Ashok Nagar	@ Rs.50,000 per unit.	20	10.00	5.00	5.00	--
3	Community Resource Augmentation Plan	RO Plants	RO plants with a shed and bore hole in the gramapanchayath office or any other public place in the village.	1. Kasipet, 2. Muthyampalli, 3. Chinna Darmaram, 4. Ashok Nagar	@ Rs.7.50 Lakhs per unit	4	30.00	7.50	15.00	7.50
		Development of Infrastructure	Development of open gym in Parks and park beautification.	Kasipet village	Lumpsum	1	7.50	5.00	2.50	--
Total (Rs.)							63.50	25.50	30.50	7.50

Summary:

S. No.	Description	Estimated cost (Rs. in Lakhs)
1	Remediation Plan	16.00
2	Natural Resources Augmentation Plan	10.00
3	Community Resources Augmentation Plan	37.50
Total:		63.50

(ii)	Total budgetary provision with respect to Remediation plan and Natural & Community Resource Augmentation plan is Rs.63,50,000/-. Project proponent submitted a Bank Guarantee (BG No.0416823BG00003858, dated 11.05.2023) to the Member Secretary, TSPCB for an amount of Rs.63,50,000/- towards Remediation plan and Natural and Community Resource Augmentation plan vide its letter no. CRP/ENV/A/496/282, dated 15.05.2023..	The condition is noted and assured to abide the condition.
(iii)	Remediation plan shall be completed in 3 years where as bank guarantee shall be for 5 years. The bank guarantee will be released after successful implementation of the remediation plan and Natural and Community Resource Augmentation Plan and after the recommendation by Regional Office of the Ministry, State Expert Appraisal Committee and approval of the Regulatory Authority.	The condition is noted and assured to abide the condition. Initiated note for remediation plan and Natural and Community Resource Augmentation Plan, which are under process.
(iv)	PP shall obtain CTE/CTO for 0.54 MTPA production capacity.	An application was submitted for grant of CTE/CTO for 0.54 MTPA production capacity to the TSPCB, Hyderabad.
(v)	Transportation of coal on road, shall be carried out by tarpaulin covered trucks	Transportation of coal on road is being carried out by tarpaulin covered trucks.
(vi)	Approval/permission of the CGWA/SGWA shall be obtained before drawing ground water for the project activities.	Ground Water clearance was obtained from state Ground Water Department, vide NOC No.TSGWD/MNCL/WALTA/NOC/MINE/0001, Valid from:23/08/2023, Valid up to: 22/08/2025.
(vii)	Wild life Conservation plan as approved by the competent authority shall be implemented.	There are no endangered species found in core and buffer zone of the project area. However, a Wildlife Conservation & Mitigation Plan for Schedule-I species (Indian Monitor, Indian Peafowl & Indian Rock Python) present in the buffer zone was prepared for an amount of Rs.554.70 Lakhs and was approved by the PCCF & CWW vide Ref. PCCF-WL1/WL14/9/2022 dated: 05.02.2023. The approved copy was enclosed as Annexure-I
(viii)	The Environmental Clearance will not be operational till such time the Project Proponent complies with all the statutory	Not applicable.

Kasipet-1 Incline HYMR Report from April-2023 to September-2023


	requirements and judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors.	
(ix)	State Government concerned shall ensure that mining operation shall not commence till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors.	The condition is noted and assured to abide the condition.
(x)	Effective dust suppression system shall be adopted at the transportation site and in the other parts of the mining lease to arrest the fugitive dust emission.	Water spraying is being carried out at the surface bunkers and on the unpaved roads on the surface. All the coal transportation roads and permanent internal roads on the surface of the mine area black topped. Further, in the connected SRP CHP coal is not pulverized in the crushers and is only crushed to (-) 200 mm size. Fixed as well as mobile mist spray arrangements have been provided for controlling dust emissions and the air quality parameters monitored at the CHP are well within the stipulated norms. A 12 KL capacity water sprinkler is being deployed for dust suppression at CHP and surroundings.
(xi)	Project proponent shall take necessary other clearances/permissions under various Acts and Rules if any, from the respective authorities/ department.	The condition is noted and assured to abide the condition.
(xii)	The mining lease holder shall, after ceasing mining operations, under take re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to condition which is fit for growth of fodder, flora and fauna etc.	Agreed upon the condition.
(xiii)	State Govt./SPCB to take action against the Project Proponent under the provisions of section 19 of the E(P) Act.	Agreed upon the condition.
(xiv)	In pursuance to the Ministry Ir.dt.30.09.2020, Project proponent shall an amount of Rs.24.50 Lakhs (equivalent to 1% of Capital Cost) for community welfare activities in surrounding villages within two years period as a commitment to address public hearing issues under EMP.	As per the Ministry Ir.dt.30.09.2020, SCCL will spend 1% capital cost i.e., Rs.24.50 Lakhs in addition to Remediation Plan, Natural Resource Augmentation Plan, Community Resource Augmentation Plan. for community welfare activities in surrounding villages within two years period as a commitment to address public hearing issues under EMP as below.

S. No.	Description	Locations	Unit Rate in Rs.	Total Qty. (No.)	Total cost	Year-I	Year-II	Year-III
					(Rs.)	(Rs.)	(Rs.)	(Rs.)
1	Kasipet-1A New road to Ashok Nagar	Ashok Nagar	lumpsum	1	24,50,000	12,50,000	12,00,00	--

4.1 Standard EC Conditions Compliance Status

EC condition No	EC condition	Compliance status
	(a) Statutory compliance	
(i)	The Environmental clearance shall be subject to orders of Hon'ble Supreme Court of India, Hon'ble High Courts, NGT and any other Court of Law, from time to time, and as applicable to the project.	The Environmental Clearance of the Project is subjected to the Orders of the Judicial Magistrate of First Class, Bellampalli.
(ii)	The project proponent shall obtain forest clearance if any applicable, under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.	It is not applicable, as no forest land was involved in the project.
(iii)	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	It is not applicable, as no wildlife was present in the project.
(iv)	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-1 species in the study area).	WLCP was prepared for MM region mines including Kasipet-1 Incline project with a fund provision of Rs.554.70 Lakhs, which is approved vide letter No. PCCF/WL14/9-2022, date, 05.02.2023. However, the conservation measures are being implemented for protection of flora and fauna in core and buffer zone.
(v)	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board /Committee.	An application was submitted to the TSPCB, Hyderabad for the new expansion capacity of 0.54 MTPA to obtain consent to Establish/Operate to the project under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the water (Prevention & Control of Pollution) Act, 1974.

Kasipet-1 Incline HYMR Report from April-2023 to September-2023

EC condition No	EC condition	Compliance status
(vi)	The project proponent shall obtain the necessary permission from the State Ground Water Authority.	Ground water clearance Permission obtained vide Ground water clearance letter No:TSGWD/MNCL/WALTA/NOC/MINE/000, Dt: 23.08.2023.
vii)	Solid waste/hazardous waste generated in the mines needs to be addressed in accordance to the Solid Waste Management Rule, 2016/ Hazardous & Other Waste management Rules, 2016.	Solid waste/hazardous waste which may be generated in the project will be addressed in accordance to the Solid Waste Management Rule, 2016/ Hazardous & Other Waste Management Rules, 2016.
	(b) Air quality monitoring and preservation	
(i)	Adequate ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for monitoring of pollutants, namely particulates, SO ₂ and NO _x . Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive receptors in consultation with the State Pollution Control Board. Monitoring of heavy metals such as Hg, As, Ni, Cd, CR, etc. to be carried out at least once in six months.	<p>5 No's Ambient Air Quality monitoring stations comprising of core and buffer zone have been established based on meteorological data, topographical features and environmental sensitive areas, in consultation with Regional Office of Telangana State Pollution Control Board.</p> <div style="text-align: center;">  <p style="text-align: right; margin-right: 50px;">kasipet 1</p> </div> <p>Photograph showing Ambient air quality monitoring station in Core zone.</p>
(ii)	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 25.09.2000 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>The Ambient Air Quality monitoring in the Core Zone is being carrying regularly i.e. once in every fort-night and ensuring the Coal Industry Standards notified vide GSR 742 (E) dated 25.09.2000 and as amended from time to time by the Central Pollution Control Board.</p> <p>The results of the Ambient Air Quality Monitoring in the core zone is given in the Annexure-II</p> <p>Data on ambient air quality and heavy metals such as Hg, As, Ni, Cd, Cr and other monitoring data was reporting regularly to the Ministry/Regional Office and to the CPCB/TSPCB.</p>
(iii)	Transportation of coal to the extent permitted by road shall be carried	Transportation of the coal by road is being carried by trucks covering with tarpaulin.

EC condition No	EC condition	Compliance status
	<p>out by covered trucks. Effective control measures such as regular sprinkling/rain gun/ mist sprinkling etc., shall be carried out in critical areas prone to air pollution with higher level of particulate matter all through the coal transport 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 the Central/ State Pollution Control Board.</p>	<p>Coal transport roads were sprinkling regularly with mobile water sprinklers and fixed water sprinkling.</p> <p>The unloading of coal at bunkers were spraying with water to suppress the fine dust. At Area Level Coal Handling Plant, Ramakrishnapur where prone to air pollution with higher level of particulate matter. The fugitive dust emissions were controlled by taking measures such as sprinkling by rain guns and mist sparkling by Fog canons.</p> <p>Ensuring the ambient air quality parameters conform to the norms prescribed the CPCB.</p>
(iv)	<p>Major approach roads shall be black topped and properly maintained.</p>	<p>The coal transport and major approach roads to the project were inspecting and black topping regularly and maintaining properly.</p>
(v)	<p>The transportation of coal shall be carried out as per the provisions and route proposed in the approved mining 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 that the impact of sound, dust and accidents could be appropriately mitigated.</p>	<p>The transportation of coal is being transporting through identified and proposed in the approved mining plan. The coal transporting trucks were not crossing any village while transporting the coal from the project to the Coal Handling Plant, Ramakrishnapur.</p>
(vi)	<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 centers.</p>	<p>Vehicles used for transportation of coal are being tuned regularly for control of emissions as per manufacturer schedule.</p> <p>All trucks are being working at the project after getting 'PUC' certificate from the authorized pollution testing centers.</p>
vii)	<p>Coal stock pile/crusher/feeder and breaker material transfer points shall invariably be provided with dust suppression system. Belt-conveyors if any shall be fully covered to avoid air borne dust.</p>	<p>The coal stock piles were provided with fixed water sprinklers and mobile water sprinklers are working for dust suppression.</p>
viii)	<p>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>	<p>Fixed water sprinklers, mobile water sprinklers and mist spray arrangements were provided such as water guns, Fog canon etc. were using at Coal Handling Plant, Ramakrishnapur.</p>
	<p>(c) Water quality monitoring and preservation</p>	
(i)	<p>The effluent discharge (mine waste water, workshop effluent) shall be</p>	<p>The quality of mine discharge water is being monitored as per MoEF&CC recent guidelines</p>


Kasipet-1 Incline HYMR Report from April-2023 to September-2023

EC condition No	EC condition	Compliance status
	<p>monitored in terms of the parameters notified under the Water Act, 1974 Coal Industry Standards vide GSR 742 (E) dated 25.09.2000 and as amended from time to time by the Central Pollution Control Board.</p>	<p>i.e. GSR 742 (E) and GSR801 (E) effluent Standards for Coal Mines.</p> <p>The mine discharge water is being treated through the slow sand filter beds and treated mine discharge water is being partly utilized for the purposes of drinking, dust suppression, plantation etc., and partly sent to the nearby nallah i.e., Palavagu.</p> <p>The mine discharge water quality parameters are meeting the stipulated norms and analysis reports are being submitted to the ministry along with half yearly reports. The latest mine discharged water quality and workshop effluent quality data is enclosed as Annexure-III & Annexure-IV respectively.</p> <p>The work shop effluents are treated in the ETP and Oil & Grease is being separated before discharging the work shop effluents.</p>
(ii)	<p>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 27.05.2009 issued by Ministry of Environment, Forest and Climate Change shall be referred in this regard for its compliance.</p>	<p>The monitoring data will 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 27.05.2009 issued by Ministry of Environment, Forest and Climate Change shall be referred in this regard for its compliance.</p>
(iii)	<p>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 Peizometers 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 MOEF&CC/RO.</p>	<p>Monitoring of ground water levels in the surrounding villages is being carried out four times a year by establishing a network of six (06) existing piezometers to assess the long-term effects.</p> <p>Regular monitoring of ground water quality is being also being carried out as per statue through MoEF&CC approved third party laboratory M/s Environment Protection Training and Research Institute (EPTRI), Hyderabad.</p> <p>Latest ground water levels and ground water quality are enclosed as Annexure-V & Annexure-VI respectively.</p>
(iv)	<p>Monitoring of water quality upstream and downstream of water bodies 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>	<p>Monitoring of Surface Water i.e. Devapur Vagu at up and down streams is being carrying regularly once in every six months and maintaining the data of monitoring in the records and submitting to the MoEF&CC, Regional Office, Hydarabad.</p>
(v)	<p>Ground water, excluding mine water, shall not be used for mining</p>	<p>Ground water, excluding mine water, will not be used for mining operations. 60 Nos Rainwater</p>

Kasipet-1 Incline HYMR Report from April-2023 to September-2023

EC condition No	EC condition	Compliance status																
	operations. Rainwater harvesting shall be implemented for conservation and augmentation of ground water resources.	Harvesting Pits were constructed in the core and buffer zone of the Kasipet-1 Incline, Mandamarri Area.																
(vi)	The project proponent shall not alter major water channels around the site. Appropriate embankment shall be provided along the side of the river/nallah flowing if any near or adjacent to the mine. The embankment constructed along the river/nallahs boundary shall be of suitable dimensions and critical patches shall be strengthened by stone pitching on the river front side, stabilized with plantation so as to withstand the peak water pressure presenting any chance of mine inundation.	No water channels were diverted around the site of the project.																
vii)	Garland drains (of suitable size, gradient and length) around the critical areas i.e. mine shaft and low lying areas, shall be designed keeping at least 50% safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the mine sites. The sump capacity shall also provide adequate retention period to allow proper settling of setting of silt material of the surface runoff.	<p>Garland/surface drains of adequate size are made around the Air shaft and entries of the mine so that no water from the surface is inadvertently entered the mine.</p> <p>All the entries (Main incline and Man way incline and the air shaft) are designed at to be minimum 3m above the HFL of the area.</p> <p>Further, the underground sumps are designed keeping the highest seepage calculations and retention time to settle the silt material and adequate pumping capacity (2 nos. 125 hp each & 1-no of 75 hp pump) is also provided in the underground sumps to deal during the peak rainfalls. The details of the sumps along with capacity are furnished.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">S. No</th> <th style="text-align: center;">Location of Sump</th> <th style="text-align: center;">Calculations of Sump Capacity KL</th> <th style="text-align: center;">Actual Capacity in KL</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">73D/29LI</td> <td style="text-align: center;">62600</td> <td style="text-align: center;">54255</td> </tr> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">17D/31 LI</td> <td style="text-align: center;">22980</td> <td style="text-align: center;">21610</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">Main inc dip of 12-level</td> <td style="text-align: center;">3254</td> <td style="text-align: center;">4546</td> </tr> </tbody> </table>	S. No	Location of Sump	Calculations of Sump Capacity KL	Actual Capacity in KL	1	73D/29LI	62600	54255	2	17D/31 LI	22980	21610	3	Main inc dip of 12-level	3254	4546
S. No	Location of Sump	Calculations of Sump Capacity KL	Actual Capacity in KL															
1	73D/29LI	62600	54255															
2	17D/31 LI	22980	21610															
3	Main inc dip of 12-level	3254	4546															
viii)	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 de-silted particularly after monsoon and maintained properly.	<p>The water pumped out of the mine is being treating regularly through filter bed before watering the mine area, green belt development.</p> <p>The drains, provided around the project is being regularly cleaning before and after the monsoon every year and maintaining properly.</p>																

EC condition No	EC condition	Compliance status
(ix)	<p>Industrial waste water from coal handling plant and mine water shall be properly collected and treated so as to conform to the standards prescribed under the Environment (Protection) Act, 1986 and the Rule made there under, and as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluent. Sewage treatment plant of adequate capacity shall be installed for treatment of domestic waste water.</p>	<p>Effluents Treatment Plant (ETP) was constructed at the centrally located Area Workshop to treat the effluents before discharge.</p> <p>2 nos of Sewage Treatment Plants (STPs) each 100 KLD capacity were constructed at Pranahitha Colony, Mandamarri and Nagarjuna Colony, Ramakrishnapur and one more number Sewage Treatment Plant (STP, 100 KLD) is under construction at Bharath Colony, Somagudem to treat the domestic waste water from the colonies.</p> <div data-bbox="852 604 1365 850" data-label="Image"> </div> <p style="text-align: center;">ETP at Workshop</p> <div data-bbox="852 982 1352 1262" data-label="Image"> </div> <p style="text-align: center;">STP Pranahitha colony, Mandamarri</p> <div data-bbox="878 1419 1373 1719" data-label="Image"> </div> <p style="text-align: center;">STP Nagarjuna colony, Ramakrishnapur</p>
(x)	<p>Adequate groundwater recharge measures shall be taken up for augmentation of ground water. The project authorities shall meet water requirement of nearby villages(s) in</p>	<p>The excess mine discharge water of 850 KLD after treated through the slow sand filter beds is being let out into nearby Seasonal nallah for augmentation of ground water and also agriculture purpose of the nearby agricultural</p>

EC condition No	EC condition	Compliance status
	<p>case the village wells go dry due to dewatering of mine.</p>	<p>fields at Mutyampalli(V).</p> <p>There are 60 no's of Rain water harvesting structures constructed in the Mandamarri area for augmentation of ground water.</p> <p>There are no incidences recorded till now of drying of wells in the surrounding villages of the mine. In case if the village wells dry SCCL will supply drinking water to the nearby villages.</p> <p>Further, SCCL on the request of the nearby villages is supplying 1200 KLD water to Kasipet and Muthyampalli villages for domestic use throughout the year.</p>  <p>Rain water Harvesting structure at Kasipet-1 mine</p>
(xi)	<p>The surface drainage plan including surface water conservation plan for the area of influence affected by the said mining operations shall be prepared, considering the presence of any river/rivulet/pond/lake etc., with impact of mining activities on it, and implemented by the project proponent. The surface drainage plan and/or any diversion of natural water courses shall be as per the provisions of the approved Mining Plan/EIA-EMP submitted to this Ministry and the same should be done 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 as per the permission of DGMS.</p>	<p>The surface drainage plan including surface water conservation plan for the area of influence affected by the said mining operations was prepared, considering the presence of any river/rivulet/pond/lake etc., with impact of mining activities on it, and being implementing.</p>
xii)	<p>The project proponent shall take all precautionary measures to ensure</p>	<p>All precautionary measures will be ensured to reverian/riparian ecosystem in and around the</p>

EC condition No	EC condition	Compliance status
	<p>reverian/riparian ecosystem in and around the coal mine upto a distance of 5 km. A reverian/riparian ecosystem conservation and management plan should be prepared and implemented in consultation with the irrigation/ water resource department in the state government.</p>	<p>coal mine upto a distance of 5 km. A reverian/riparian ecosystem conservation and management plan will be prepared and implemented in consultation with the irrigation/ water resource department in the state government.</p>
	<p>(d) Noise and Vibration monitoring and prevention</p>	
(i)	<p>Adequate measures shall be taken for control of noise levels below 85 dB(A) in the work environment. Workers engaged in underground mining operations, operation of HEMM, etc. shall be provided with personal protective equipments (PPE) like ear plugs/muffs in conformity with the prescribed norms/guidelines in this regard. Progress in usage of such accessories to be monitored. Adequate awareness programme for users to be conducted.</p>	<p>Taking all precautionary measures for control of noise levels below 85 dB(A) in the work environment of the project.</p> <p>The Noise levels in the core & buffer zone of the project was given in the Annexure-VII.</p> <p>The workmen engaged in the underground mining operations, operation of the SDL's etc., were provide with Personal Protective Equipment (PPE) like ear plugs/muffs Awareness programmes were conducted to the users of ear plugs and ear muffs.</p>
(ii)	<p>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>	<p>The noise level survey is being carrying regularly and the report was submitting to the Ministry of MoEF&CC, Regional Office, Hyderabad for every six months.</p>
	<p>(e) Mining Plan</p>	
(i)	<p>Mining shall be carried out under strict adherence to provisions of the Mines Act 1952 and subordinate legislations made there-under as applicable.</p>	<p>Mining has been carrying as per the strict adherence to provisions of the Mines Act 1952 and subordinate legislations made there-under as applicable.</p>
(ii)	<p>No change in mining method i.e. UG to OC, calendar programme and scope of work shall be made without obtaining prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).</p>	<p>No change in mining method i.e. UG to OC, calendar programme and scope of work will be made without obtaining prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).</p>
(iii)	<p>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</p>	<p>Mining will 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>

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EC condition No	EC condition	Compliance status
	(DGMS).	
(iv)	Underground work place environmental conditions shall be rendered ergonomic and air breathable with adequate illumination in conformance with DGMS standards.	As per CMR 2017 the underground work place environmental conditions were rendered ergonomic and the intake air is breathable. The illumination was maintained in conformance with the DGMS standards.
(v)	No mining activity shall be carried out in forest land without obtaining Forestry Clearance as per Forest (Conservation) Act, 1980 and also adhering to The Scheduled Tribes and Other Traditional Forest Dwellers (recognition of Forest Rights) Act, 2006 read with provisions of Indian Forest Act, 1927.	No forest land involved in the project.
(vi)	Efforts should be make to reduce energy and fuel consumption by conservation efficiency improvements and use of renewable energy.	Efforts are being made to reduce energy and fuel consumption by conservation efficiency improvements and use of renewable energy. Total 43 MW Solar power plants were constructed at Mandamarri Area.
	(f) Land reclamation	
(i)	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 (MoEF&CC) from time to time shall be submitted to MoEF&CC/Regional Office (RO).	Digital Survey of entire lease hold area/core zone using Satellite Remote Sensing survey was carried out during 2021 in 1:50,000 scale for monitoring land use pattern and report is submitted to /Regional Office, MOEFCC. Next digital Survey of entire lease hold area will be carried out in the year 2024.
(ii)	Post-mining land be rendered usable for agricultural/forestry purposes and shall be handed over to the respective State Government, as specified in the Guidelines for Preparation of Mine Closure Plan, issued by the Ministry of Coal dated 27th August, 2009 and subsequent amendments.	Post-mining land will be rendered usable for agricultural/forestry purposes and will be handed over to the respective State Government, as specified in the Guidelines for Preparation of Mine Closure Plan, issued by the Ministry of Coal dated 27th August, 2009 and subsequent amendments.
(iii)	Regular monitoring of subsidence movement on the surface over and around the working areas and its impact on natural drainage pattern, water bodies, vegetation, structure, roads and surroundings shall be continued till movement ceases completely. In case of observation of any high rate of subsidence beyond the limit prescribed, appropriate effective mitigation	Regular monitoring of subsidence movement on the surface over and around the working area are being carried and Subsidence survey is being carried out during extraction of the stowing panel once in every month and after completion of the extraction, once in every 6 months (till the movement ceases completely). The system of frequency and recording of observations is as per the provisions of DGMS Technical circular No. 4 of 1988.

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EC condition No	EC condition	Compliance status
	measures shall be taken to avoid loss of life and materials. Cracks should be effectively plugged in with ballast and clay soil/suitable material.	There is no subsidence movement observed in present working panels i.e., 3S- 10, 3S-8& 4S- 8 of 3&4 seams respectively. All micro level cracks including the original subsidence area were dozed effectively with dozer and filled with red earth for compact sealing.
(iv)	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 subparagraph (8) of fly ash notification issued vide SO 2804 (E) dated 3 rd 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 for stowing of mines. Compliance report shall be submitted to Regional Office of MoEF&CC, CPCB and SPCB.	Fly ash is being used for stowing of mine as per provisions contained in clause (i) and (ii) of subparagraph (8) of fly ash notification issued vide SO 2804 (E) dated 3 rd November, 2009 as amended from time to time. Compliance report will be submitted to Regional Office of MoEF&CC, CPCB and TSPCB.
(v)	A separate team for subsidence monitoring and surface mitigation measures shall be constituted and continuous monitoring & implementation of mitigation measures be carried out.	A separate team for subsidence monitoring and surface mitigation measures will be constituted and continuous monitoring & implementation of mitigation measures are being carried out.
(vi)	Thorough inspection of the mine lease area for any cracks developed at the surface due to mining activities below ground shall be carried out to prevent inrush of water in the mine.	Thorough inspection of the mine lease area for any cracks developed at the surface due to mining activities below ground are being carried out to prevent inrush of water in the mine.
vii)	Native tree species shall be selected and over areas affected by subsidence.	Native tree species will be selected and over areas affected by subsidence.
viii)	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.	The necessary alternative arrangements will made, 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, it will be implemented the directions of Hon'ble Supreme Court with regard to acquiring grazing land.
	(g) Green Belt	
(i)	The project proponent shall take all precautionary measures during	WLCP was prepared for MM region mines including SKLW project with a fund provision of

EC condition No	EC condition	Compliance status
	mining operation for conservation and protection of endangered flora/fauna, if any, stopped/reported in the study area. Action plan, in this regard, if any, shall be prepared and implemented in consultation with the State Forest and Wildlife Department.	Rs.554.70 Lakhs, which is approved vide letter No. PCCF/WL14/9-2022, date, 05.02.2023. However, the conservation measures are being implemented for protection of flora and fauna in core and buffer zone.
(ii)	Greenbelt, consisting of three-tier plantation, of width not less than 7.5 m, shall be developed all along the mine lease area in a phased manner. The green belt comprising of a mix of native species shall be developed all along the major approach roads/coal transportation roads.	Greenbelt, consisting of three-tier plantation, of width not less than 7.5 m, will be developed all along the mine lease area in a phased manner. The green belt comprising of a mix of native species will be developed all along the major approach roads/coal transportation roads. Plantation plan was enclosed as Annexure-VIII .
	(h) Public hearing and Human health issues	
(i)	Adequate illumination shall be ensured in all mine locations (as per DGMS standards) and monitored.	Adequate illumination will be ensured in all mine locations (as per DGMS standards) and monitored.
(ii)	The Project Proponent shall undertake Occupational Health survey for initial and Periodical medical examination of the workers engaged in the Project and maintain records accordingly as per the provisions of the Mines Rules, 1955 and DGMS Circulars. Besides carrying out regular periodic health check-up of their workers, 20% of the workers engaged in active mining operations shall be subjected to health check-up for occupational diseases and hearing impairment, if any.	SCCL is providing free medical treatment to all the workmen and their family members in the 7 area hospital (with a total of 821 beds) and 21 dispensaries established in all the workings areas of the company. The annual expenditure incurred by SCCL in maintenance of health care facilities during 2021-22 is Rs.267.00 Crores. 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. 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. 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 Spirometres of RMS make, and facilities for Audiometry with pure tone Audiometry equipment.

EC condition No	EC condition	Compliance status
		<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. Out of a total of 209 Doctors on roll as on date, 123 Doctors are trained in reading the chest radiographs as per the ILO guide lines. 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 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>During last one year period 115 nos. of employees have undergone periodical medical examination and the results thereof are being reported to DGMS, Dhanbad to fulfill one of the statutory compliances.</p>
(iii)	<p>Personnel (including outsourcing employees) working in dusty areas shall wear protective respiratory devices and shall also be provided with adequate training and information on safety and health aspects.</p>	<p>All the Persons (including outsourcing employees) deployed in dusty atmosphere are being provided with dust masks and adequate training is being provided in the mine vocational training centers on safety and health aspects.</p> <p>Occupational health surveillance is being carried out periodically through Periodical Medical Examinations (PME) once in every 5 years (below 45 Years employees) and 3 years (45 Years and above employees). Every year 1/3rd and 1/5th of the total manpower is being covered under PME respectively. Corrective measures are being taken if any abnormality is found during the PME. About 155 nos. of employees have</p>

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EC condition No	EC condition	Compliance status
		under gone PME during last one year.
(iv)	Skill training as per safety norms specified by DGMS shall be provided to all workmen including the outsourcing employees to ensure high safety standards in mines.	Skill trainings are giving to every employee of the project, as per safe operating procedures and practices.
(v)	Effective arrangement shall be made to provide and maintain at suitable points conveniently situated, a sufficient supply of drinking water for all the persons employed.	As per the Mines Rules-1955, suitable drinking water provided by constructing RO plants at the surface of the mine.
(vi)	Implementation of Action Plan on the issues raised during the Public Hearing shall be ensured. The Project Proponent shall undertake all the tasks as per the Action Plan submitted with budgetary provisions during the Public Hearing. Land oustees shall be compensated as per the norms laid out R&R Policy of the Company/ or the National R&R Policy/ R&R Policy of the State Government, as applicable.	The issues raised during the Public Hearing, has been ensuring by implementing the action plan. The works will be carried as per the action plan which was submitted with budgetary provisions during the Public Hearing. No R&R involved in the project.
vii)	The project proponent shall follow the mitigation measures provided in this Ministry's OM No. Z-11013/5712014-IA.II (M) dated 29 th 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.	The project proponent will follow the mitigation measures provided in this Ministry's OM No. Z-11013/5712014-IA.II (M) dated 29 th 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.
	(i) Corporate Environment Responsibility	
(i)	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board	a) The SCCL has a well laid down Environment Policy approved by the Board of Directors. The environmental policy of SCCL is available in company's web site i.e. www.scclmines.com . b) The policy has been framed along with objectives and guidelines consisting standard operating process/procedures for effective implementation of EC/FC conditions. The status of compliance of EC/FC is being appraised to SCCL Board of Directors once in three months as per Companies Act, 2013 by the project authorities. c) The SCCL has a well defined hierarchical system to deal with environmental issues and for

EC condition No	EC condition	Compliance status																																							
	<p>resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.</p>	<p>ensuring compliance with the environmental clearance conditions.</p> <p>A company level environment cell with qualified personnel headed by GM (ENV.) is established to monitor and guide in implementation of the environmental safeguards.</p> <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>Environment policy is enclosed as Annexure-IX.</p>																																							
(ii)	<p>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.</p>	<p>A company level environment cell with qualified personnel headed by General Manager (Environment) who is reportable to the Director of the Company is established to monitor and guide in implementation of the environmental safeguards.</p> <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 multidisciplinary team has been constituted under the chairmanship of SO to GM. The committee has been constituted with following members.</p> <table border="1" data-bbox="837 1325 1425 1766"> <tbody> <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&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> </tbody> </table>	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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(iii)	<p>Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by</p>	<p>The funds earmarked for environmental protection measures are not being diverted for any other purpose.</p> <p>For implementing EMP and environmental</p>																																							

Kasipet-1 Incline HYMR Report from April-2023 to September-2023

EC condition No	EC condition	Compliance status
	<p>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>	<p>conditions, responsibilities are being assigned to the concerned unit level and area level officers after time-to-time review meetings. Till now about Rs. 49.43 Lakhs. was spent as environment capital expenditure and about Rs.29.81 Crores (2008-09 to 2021-22) spend as environmental revenue expenditure.</p> <p>Year wise progress of implementation of environmental protection measures is being reported to the RO, MoEF&CC along with the half yearly monitoring report.</p>
(iv)	<p>Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.</p>	<p>Self-environmental audit will be conducted annually. Every three years third party environmental audit will be carried out.</p>
	<p>(j) Miscellaneous</p>	
(i)	<p>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.</p>	<p>The advertisement was given on 05.06.2023 in Namasthe Telangana (Telugu Daily paper) widely circulated around the project area informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the Telangana State Pollution Control Board and EC copy is also be seen at the website of the MOEF&CC.</p> <p>The granted Environment Clearance order copy was uploaded in the website of the company. www.scclmines.com</p>
(ii)	<p>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.</p>	<p>The copies of the environmental clearance was submitted to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to displayed the same for 30 days from the date of receipt.</p>
(iii)	<p>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.</p>	<p>The project proponent will be uploaded the status of compliance of the stipulated environment clearance conditions, including results of monitored data on the SCCL website and will be updated the same on half-yearly basis.</p>
(iv)	<p>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>	<p>The project proponent will be submitted 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>
(v)	<p>The project proponent shall submit the environmental statement for</p>	<p>Submitted vide letter no. MMR/ENV/R/001/2023/164, dated 29.09.2023</p>

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EC condition No	EC condition	Compliance status
	each financial year in Form-V to the concerned State Pollution Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	
(vi)	The project authorities shall inform to the Regional Office of the MoEF&CC regarding commencement of mining operations.	The project is already existing and sanctioned the EC for expansion of the capacity from 0.18 MTPA to 0.54 MTPA.
(vii)	The project authorities must strictly to the stipulations made by the State Pollution Control Board and the State Government.	It will be strictly 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 SEAC.	It will be 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 SEAC.
(ix)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).	No further expansion or modifications in the plant will be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).
(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.	It will be agreed.
(xi)	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	It will be agreed.
(xii)	The Ministry reserves the right to stipulate additional conditions of found necessary. The Company in a time bound manner shall implement these conditions.	It will be agreed.
(xiii)	The Regional Office of the 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.	The project authorities agreed to extended full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/ information/ monitoring reports.
(xiv)	The above conditions shall be enforced inter-alia under the provisions of the Water (Prevention & Control Pollution) Act, 1974, the Air (Prevention & Control of	The above conditions are being complied as per Water (Prevention & Control of Pollution) Act 1974, The Air (Prevention & Control of Pollution) Act, 1981 The Environment (Protection) Act, 1986.

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EC condition No	EC condition	Compliance status
	<p>Pollution) Act, 1981, the Environment (Protection) Act, 1986. Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.</p>	<p>CFE was obtained vide No.46/PCB/CFE/RO-NZB/HO/2009-1072, Dt:20.07.2009. A copy was enclosed as Annexure-X</p> <p>CFO was obtained vide no. 210822203107 Dt: 23.05.2022, valid upto 30th September 2024. A copy was enclosed as Annexure-XI</p> <p>Public Liability Insurance Policy is taken from the New India Assurance Company Ltd under Public Liability Insurance Act, 1991 vide policy No. 61360136233300000001, valid from 30.04.2023 to 29.04.2024, which will be renewed periodically. A copy of Public Liability Insurance Policy was enclosed as Annexure-XII.</p>
(xv)	<p>The Proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also that during presentation to the SEAC. All the commitments made on the issues raised during public hearing shall also be implemented in letter and spirit.</p>	<p>It will be abide by all the commitments and recommendations made in the EIA/EMP report and also that during presentation to the SEAC. All the commitments made on the issues raised during public hearing shall also be implemented in letter and spirit.</p>
(xvi)	<p>The proponent shall obtain all necessary clearance/approvals that may be required before the start of the project. The Ministry or any other competent may stipulate any further condition for environmental protection. The Ministry or any other competent authority may stipulate any further condition for environmental protection.</p>	<p>It will be obtain all necessary clearance/approvals that may be required before the start of the project. The Ministry or any other competent may stipulate any further condition for environmental protection. The Ministry or any other competent authority may stipulate any further condition for environmental protection.</p>
(xvii)	<p>Any appeal against this environmental clearance shall be lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.</p>	<p>It will be agreed.</p>
(xviii)	<p>The coal company/project proponent shall be liable to pay the compensation against the illegal mining, if any, and as raised by the respective State Governments at any point of time, in terms of orders dated 2nd August, 2017 of Hon'ble Supreme Court in WP (Civil) No.114/2014 in the matter of 'Common Cause Vs Union of India</p>	<p>It will be agreed.</p>

Kasipet-1 Incline HYMR Report from April-2023 to September-2023

EC condition No	EC condition	Compliance status
	& others.	
(xix)	The concerned State Government shall ensure no mining operations to commence till the entire compensation for illegal mining, if any, is paid by the project proponent through their respective Department of Mining & Geology, in strict compliance of the judgment of Hon'ble Supreme Court.	The concerned State Government will ensure no mining operations to commence till the entire compensation for illegal mining, if any, is paid by the project proponent through their respective Department of Mining & Geology, in strict compliance of the judgment of Hon'ble Supreme Court.
(xx)	This environmental clearance shall not be operational till such time the project proponent complies with the above said judgment of Hon'ble Supreme Court, as applicable, and other statutory requirements.	It will be agreed.
(xxi)	The proponent shall comply with Plastic Management Rules, 2016 & also comply with MoEF&CC Notification No: G.S.R. 571 (E), dated: 12.08.2021 which mandated banning of usage of identified Single Use Plastic items with effect from 01.07.2022.	It is being complying with Plastic Management Rules, 2016 & also comply with MoEF&CC Notification No: G.S.R. 571 (E), dated: 12.08.2021 which mandated banning of usage of identified Single Use Plastic items with effect from 01.07.2022.
(xxii)	Grant of EC is also subject to Circulars issued under the EIA Notification 2006, which are available on the MoEF website: www.parivesh.nic.in .	Agreed

MoEF & CC O.M.No.22-34/2018-IA.III, dated:16.01.2020.

Sl. No.	Condition	Compliance status
1	"The mining lease holders shall, after ceasing mining operations, undertake regressing 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."	Will be complied. At the end of mining operations, the mining areas and other areas which were disturbed due to mining will be regress and restored to the land to a condition which is fit for growth of fodder, flora, fauna etc.


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 KK Group of Mines
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