



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

Ref: No: MMR/ENV/R/003/21/ 49

Date: 25.05.2021

To  
**THE DIRECTOR,**  
Ministry of Environment, Forests & Climate Change (MoEF & CC),  
Regional Office (South Eastern Zone),  
1<sup>st</sup> & 2<sup>nd</sup> Floor, HEPC Building, No. 34,  
Cathedral Garden Road,  
Nugambakkam,  
Chennai- 600 034.

Respected Sir,

Sub: Half yearly Environmental Monitoring report in respect of  
"Shanthi khani long wall Underground coal mine project" of  
the Singareni Collieries Company Limited for the period  
October, 2020 to March, 2021 -reg.

Ref: MoEF (GoI), New Delhi No, J-11015/97/2004-IA.II (M), 24<sup>th</sup>  
January, 2006.

Reference to the above, the status of implementation of Environmental  
clearance conditions vis-à-vis Project progress for the period from October, 2020 to  
March, 2021 in respect of "Shanthi khani long wall Underground coal mine  
project" of the Singareni Collieries Company Limited, Mandamarri (PO),  
Mancheri - (Dist), Telangana - (State) is being furnished for your kind perusal.

Thanking You,

Yours faithfully,

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

Cc: 1. Environmental Engineer, R.O, TSPCB, Nizamabad.  
2. General Manager (Environment), Corporate.

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

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

**PART-1**

**HALF YEARLY COMPLIANCE REPORT OF ENVIRONMENTAL CLEARANCE CONDITIONS  
FROM OCTOBER-2020 TO MARCH- 2021**

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

<b>1</b>	<b>Name of the Project</b>	<b>:</b>	<b>SHANTHI KHANI LONG WALL PROJECT Underground Coal mine</b>
2	Organization	:	The Singareni Collieries Company Limited
3	Coalfield	:	Godavari Valley Coal Field
4	Type of Mine	:	Underground
5	Technology	:	Proposed long wall technology
<b>6</b>	<b>Environmental Clearance</b>	<b>:</b>	
	A Letter No & date	:	J-11015/97/2004-IA.II (M), Gol, MoEF, Dated:24-01-2006
	B Sanction capacity	:	1.167 MTPA
	C Mining Lease Area	:	681.23 Ha
	D Date of Public Hearing	:	31-07-2004
<b>7</b>	<b>Location of the Project</b>		
	A Village	:	Akenepalli
	B Tehasil	:	Revenue Mandal of Bellampalli
	C District	:	Mancherial
	D State	:	Telangana
	E Latitude	:	North : 19 <sup>0</sup> 01' 04" TO 19 <sup>0</sup> 03' 58"
	F Longitude	:	East : 79 <sup>0</sup> 30' 39" TO 79 <sup>0</sup> 33' 06"
	G Topo Sheet	:	56M /12
	H Nearest railway station	:	Bellampalli
	I Nearest Airport	:	Hyderabad
	J Nearest town	:	Bellampalli
<b>8</b>	<b>Address for Correspondence</b>	<b>:</b>	
	A Name	:	K. VENKATESWARLU
	B Designation	:	AGENT
	C Address	:	THE AGENT, SK GROUP; THE SCCo. LTD., Post: Bellampally, Dist:Mancherial,TS
	D Pin Code	:	504 251
	F E-mail ID	:	<a href="mailto:agt_sk_mmr@scclmines.com">agt_sk_mmr@scclmines.com</a>
	G Telephone No.	:	08736-250265
	H Fax No.	:	08736-257033
<b>9</b>	<b>Life of the Project</b>		
	A Date of Opening	:	19.12.1954 (Shanthi Khani Mine dip side property identified as per approved FR 2006)
	B Total Life of the project as per EMP	:	23 Years
	C Balance Life	:	16 Years
<b>10</b>	<b>Seams</b>	<b>:</b>	

	A	Total Seams Present	: IA, I, II, LB, IIIB,IIIA,SJ TOP, SJ BOT,ROSS
	B	Seams being worked	: SJ TOP, SJ BOT
<b>11</b>	<b>Depth</b>		
	A	Minimum Depth (m)	: 31.68 m
	B	Maximum Depth (m)	: 670 m
	C	Present working depth (m)	: 470m
<b>12</b>	<b>Reserves</b>		
	A	Total Geological Reserves	: 68.69 MT
	B	Total Extractable Reserves	: 22.825 MT
	C	Reserves already Extracted	: 0.776 MT
	D	Balance Reserves	: 22.049 MT
	E	Coal production during last six months	: 0.074MT
<b>13</b>	<b>Land Requirement</b>		
	A	Total Requirement (Mine Take Area)	681.23 ha
	B	Forest land Involved	484.94 ha
	C	Non-forestland	196.29 ha
	D	Land acquired so far (Surface rights)	7.07 ha
<b>14</b>	<b>Statutory Clearances</b>		
	A	Ground Water Clearance	: Lr.No.2898/Hq.III(1)/2004, Dated:06-04-2005
	B	Consent for Establishment	: APPCB/PTN/NZN/169/HQ/2004 Dated: 17-11-2004
	C	Consent for Operation	: 200822205097, Date:11.02.2020
	D	Forest Clearance	: F.N.8-87/2001-FC, Dated:20-12-2005
	E	Mining Lease	: G.O.Ms.No.99, Dated: 12-05-2009 & G.O.Ms.No.3, Dated: 12-01-2015.
	F	Others (Specify)	: --
15	R & R Involved		: No R&R is involved in the project
16	Men on Roll		: 714

**Present Status of the mine and mine workings in brief:-**

Only one seam i.e., Salarjung Seam (Top and bottom sections) is presently working. The S.J. seam up to 36 m Down throw fault (North side of MID) was developed through 108 dip (incline) was abandoned on 16.02.1994. A pair of tunnels namely T1 (H dip tunnel) & T2 (Belt dip tunnel) were Driven from 25L/bottom seam and entered in to S.J. seam extension block.

Presently, 4 SDLs and two Road Headers are working in this mine. Road Headers are deployed in NTD-2D/57L and NTD-3/54L for development of trunk dips. SDLs are deployed at 51LN, 52LN, 53LN, & 55LN. Presently, SJ seam workings are from 420m to 490m depth and proposed to extract SJ seam up to 670m depth with Continuous Miner and Long wall technology

by road headers. Five trunk dips i.e. NTD-1, NTD-2, NTD-3, NTD-4 and NTD-5 are proposed to be developed up to Mine boundary i.e.,76L to approach the Long wall panels. The odd patches between the faults are proposed to be extracted by Continuous Miner Method.

**Part – 1**

**Status of Implementation of MoEF conditions as on 31-03.2021**

<b>Sl. No.</b>	<b>Specific Condition</b>	<b>Compliance Status</b>
i)	The environmental clearance is subject to approval of the State Land use Department, Government of Andhra Pradesh for diversion of agricultural land for non-agricultural use.	The non-forest land has been acquired for the project with the approval of state government.
ii)	The environmental clearance is subject to grant of forestry clearance for diversion of forestland.	Forestry clearance was obtained for diversion of forest land of 4.88 Ha for the purpose of sinking of shaft; vide Go. No. 96, dated 23-08-2008 and also for diversion of 285.89 ha, forestry clearance(underground rights) obtained vide Lr no: F.No.8-87/2001-FC, dt. 20-12-2005.

iii)	<p>Regular monitoring of subsidence movement of the surface over working area and impact on water bodies/ vegetation/ structures/ surrounding should be continued till movement ceases completely. In case of observation of any high rate of subsidence movement, appropriate measures should be taken to avoid loss of life and material. Cracks should be effectively plugged with ballast and clayey Soil/suitable material.</p>	<p>The Long wall technology has not yet been introduced in the project and subsidence monitoring is being done as per the statutory provisions envisaged in DGMS Technical circular No. 4 of 1988 and other Coal Mines Regulation 112 of 195.</p>			
		<p>Since inception of the mine, the maximum subsidence observed so far is <b>2.00</b> m in Panel No. <b>D of Middle Seam</b> and the details are as follow</p>			
		<table border="1"> <tr> <td>1</td> <td>Date of commencement of panel</td> <td>10-01-1966</td> </tr> </table>	1	Date of commencement of panel	10-01-1966
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<table border="1"> <tr> <td>9</td> <td>Height of extraction: Middle seam</td> <td>2.8 m</td> </tr> </table>	9	Height of extraction: Middle seam	2.8 m		
9	Height of extraction: Middle seam	2.8 m			
<p>The subsidence area was dozed with 30000 m<sup>3</sup> red earth and all cracks were effectively sealed.</p>					

Sl. No.	Specific Condition	Compliance Status
iv)	The Project authorities should check the possibility of existence of fault(s) before deciding about the thickness of safe barrier required to be maintained between the working face and the water body in consultation with the Director General Mines & Safety (DGMS). Depillaring should also be carried out after taking prior approval of the DGMS.	Locations of faults have been identified and the safety barriers are being maintained between workings and water bodies. Presently, development of pillars is being carried out in Salarjung seam of thickness 7m by making into two sections viz top section and bottom section. Top section workings are about 3.6m to 4.0 m height and these workings extended in SJ top & bottom seams and the present working depth is 484 meters. Commencement of Depillaring operations takes place after obtaining approvals from Director General of Mines Safety, Dhanbad and the required safe barriers will be maintained as per the Statute. i.e. Coal Mines Regulations, 2017 and other statutory guide lines circulated to the industry by Director General of Mines Safety.
v)	Study report on subsidence and stage wise development plan starting from 5 <sup>th</sup> year of operation till the end of the mine at an interval of 5 years should be submitted to the Ministry within six months.	There is no depillaring activity. Presently the development is in progress. There is no possibility of subsidence in development of workings beyond 490m. Subsidence prediction study was carried out through IT, BHU, Varanasi and the recommendations will be implemented for avoiding subsidence in future mining operations.
vi)	Top soil should be stacked with proper slope at earmarked site(s) only with adequate measures and should be used for reclamation and rehabilitation of area.	There is no anticipation of removal of top soil, since the mine was already opened with incline entries. However, the removed top soil during the course of sinking of Shaft is dozed off in to the low lying areas for leveling and for raising of plantation.
vii)	All the mine entries should be above the highest flood level to avoid any anticipated flooding of mine from surface water during rainy season.	The entries were already made 1.5 m above the highest flood level and it is being monitored regularly to safe guard against surface inundation due to run off water during rainy season.

viii)	In areas where subsidence is anticipated in shallow coal occurrence, such areas to be identified and provided with garland drains to ensure draining of water and avoid ingress of the same in to the UG mine.	There is no anticipation of shallow coal workings in the long wall method of extraction and occurrence of subsidence.
ix)	Green belt should be raised in an area of 4.36 ha by planting the native species around the ML area, Coal handling plant, roads etc, in consultation with the local DFO/Agriculture Department. The density of the trees should be around 1500 plants per Ha.	The Singareni Collieries Company Limited is regularly taking up green belt development programme in all its areas by setting up separate in house Forestry Department. As on date, <b>76</b> Ha. of plantation is done at Shanthikhani Long wall mine and the Afforestation scheme is paying special emphasis on mixed culture rather than mono culture.
x)	The project authorities should meet the water requirement of nearby village(s) in case the village wells go dry due to de-watering of the mine.	Regularly monitoring of phreatic surface of the area in nearby village wells of the Project is being done and there is no depletion of ground water due to mining operations. <b>Enclosed as Annexure – 6.</b>  The excess mine discharge water of 1360 KLD is being diverted to nearby nallah i.e. Lingapur Tank for augmentation of ground water. The company will supply drinking water to the nearby villages in case if any well go dry due to mining operations.
xi)	The project authority should implement suitable water conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water board.	As per the advice of the Director, TS State Ground Water department, Hyderabad the conservation measures to augment the ground water resources are being carried out viz excess mine discharge water is being diverted to nearby nallah/tank for re-charge of ground water table. The excess mine discharge water of 1500 KLD is being diverted to nearby nallah i.e. Lingapur tank for augmentation of ground water.
xii)	Regular monitoring of ground water level and quality should be carried out by establishing a net work of existing wells and constructing new Peizometers during the	Ground water levels and quality are being monitored at regular intervals and the monitored data is enclosed in Part 2 of <b>Annexure-5 (Quality) &amp; Anexure-6 (Ground</b>

	mining operation. The monitoring should be carried out four times in a year – pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the data thus collected may be sent regularly to MoEF, Central Ground water authority and Regional Director Central Ground Water Board.	<b>water levels).</b>
xiii)	Permission from the competent authority should be obtained for drawl of water for drinking/domestic use.	Permission was obtained from T.S. Director Ground water Department, Hyderabad for drawl of ground water, vide Ir.no. 2898/Hg.III (1)/2004, Dated 06-04-2005.
xiv)	Suitable rainwater harvesting measures on long term basis shall be planned and implemented in consultation with Regional Director, CGWB.	
xv)	Coal handling plant should be provided with adequate number of high efficiency dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.	There is no Coal Handling Plant especially for this mine. Centralized CHP is established at Ramakrishnapur to cater the needs of the area. Mist spray and dry fog system and mobile water sprinkling tanker are being used for sprinkling on dust areas and unpaved roads at CHP. Besides, coal transportation roads and permanent internal roads were black topped and water spraying arrangements were made for controlling fugitive dust emissions.

<b>Sl. No.</b>	<b>Specific Condition</b>	<b>Compliance Status</b>
xvi)	Sewage treatment plant should be installed for the colony. ETP should also be provided for wastewater from	The Mandamarri area is spread over a long stretch of land from Bellampalli to Ramakrishnapur, which is about 20 Km and the quarters of various colonies




	workshop and CHP.	<p>were scattered. Hence, there is no feasibility for construction of Sewage Treatment Plant. However, colony sewage is being treated with septic tank with soak pit arrangements. In addition to this, Central Toilet Systems i.e. Sulabh Complexes have been constructed in each colony to meet all the needs of the employees as well the outside people who are residing in private houses. An effluent treatment plant with oil and grease trap has been provided for the area workshop.</p> <p>However SCCL planned to construct the STP at area hospital to serve for the area hospital and colony with re-organizing the sanitary lines. The work is under progress.</p>
xvii)	Consent to operate should be obtained from SPCB before starting enhanced production from the mine.	Consent for operation has been obtained from Member Secretary, TSPCB, Hyderabad vide letter no: TSPCB/MNCL/HO/CFO/2018 Dated: 17.11.2018 and valid up to 30.09.2019 and application submitted to TSPCB for renewal of CFO.
xviii	Digital processing of the entire lease area using remote sensing technique should be done regularly once in three years for monitoring land use pattern and reports submitted to MoEF and its Regional Office.	Satellite data based land use/land cover studies for coal mining projects was carried by off-loading agency M/s Geosis Enterprise Solutions Pvt.Ltd,Hyderabad.in the year 2019 and the reports were submitted to the MoEF and its Regional office at Chennai with reference letter no: MMR/ENV/G6/2020/56,Dated: 27.05.2020.
xix)	Vehicular emissions should be kept under control and regularly monitored. Overloading of trucks is avoided to stop spillage. The loaded trucks to be covered with tarpaulin sheets to prevent spillage of coal.	Overloading of trucks is avoided and also the loaded trucks are being covered with tarpaulin sheets to prevent spillage of coal and rising of dust while in movement.
xx)	A Final mine Closure plan along with details of Corpus Fund should be submitted to the Ministry of	A final mine closure plan along with details of corpus fund will be submitted to MoEF &CC, 5 years before

	Environment and Forests 5 years in advance of final mine closure for approval.	the mine closure.
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2) General conditions.

Sl. No.	Condition	Compliance Status
i)	No changing in mining technology and scope of working should be made without prior approval of Environment and Forests.	There is no change in mining technology and scope of working. Any change in mining technology and scope of working will be done after getting prior approval from MoEF & CC only.
ii)	No change in the calendar plan including excavation, quantum of Mineral coal and waste should be made.	There is no change in the calendar programme of coal production and the year-wise coal production details are furnished in <b>point no. 1 of Part-II.</b>
iii)	Conservation measures for protection of flora and fauna in the core and buffer zone should be drawn up in consultation with the local forest department and experts.	There are no endangered species found in the core zone as well as buffer zones. However, the conservation measures are being implemented for protection of flora and fauna in core and buffer zone are enclosed as <b>Annexure – 7</b>
v)	Fugitive dust emissions from all the sources should be controlled regularly monitored and data recorded properly. Water spraying	The fugitive dust emission sources are identified as coal loading and unloading points, coal dumping places, coal stacks and transporting road way. Regular cleaning and water spraying arrangements are being


Sl. No.	Condition	Compliance Status
	arrangements on haul roads, loading and unloading points should be provided and properly maintained.	made to clear the air born dust and also the approach road way is black topped. If necessary, continuous water sprinkling arrangements will be made to minimize the dust emissions.
vi)	Drills should either be operated with dust extractors or should be equipped with water injection system.	Since it is an Underground mine, over burden drilling operations are not required. However, underground drilling and blasting operations are being made as per the DGMS permission conditions.
vii)	Measures should be taken for control of noise levels below 85 dBA the work environment. Works engaged in operation of HEMM, etc should be provided with ear plugs/muffs.	50 Nos. of ear plugs have been provided to the workmen where they are likely to get exposed to noisy environment.
viii)	Measures for safety should be provided for storage, handling and use of explosive during the Project period.	Storage, handling and use of explosives during the project period have been taken up as per the Indian Explosives Act.
ix)	Acid mine water, if any, has to be treated and disposed off after conforming to the standard prescribed by the competent authority.	There is no acid mine discharge problem in the mine and the pH of mine discharge is within the stipulated range.
x)	Industrial waste water (Workshop and wastewater from the mine) should be properly collected, treated so as to confirm to the standards prescribed under GSR 422 (E) dated 19 <sup>th</sup> May, 1993 and 31 <sup>st</sup> December, 1993 or as amended from time to time. Oil and grease trap should be installed before discharge of workshop effluents.	An area work shop has been established along with ETP arrangement. The workshop effluent quality reports are enclosed as <b>Annexure-2</b> . 
xi)	Personnel working in dust areas should wear protective respiratory devices and they should also be provided with adequate training and	300 Nos. Dust respirators have been provided to the persons who involved in dust areas as such adequate training has given to the workmen. Regular periodical medical examinations are conducted on occupational

Sl. No.	Condition	Compliance Status																																	
	<p>information on safety and health aspects.</p> <p>Occupational health surveillance programme of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.</p>	<p>diseases in addition to the normal examinations at company area hospitals by the trained SCCL doctors.</p> <p>Refresher training:2</p> <p>On the job training:10</p>																																	
xii)	<p>A separate environmental management cell with suitable qualified personnel should be set-up under the control of Senior Executive who will report directly to the Head of the Organization.</p>	<p>Area and Company Level Environmental Cell are established separately with qualified personnel, which will serve the purpose and fulfill the condition. However, the project has constituted separate environmental management cell with the following officers:</p> <table border="1" data-bbox="802 1050 1479 1957"> <thead> <tr> <th data-bbox="802 1050 899 1178">Sl. No</th> <th data-bbox="899 1050 1289 1178">Designation</th> <th data-bbox="1289 1050 1479 1178"></th> </tr> </thead> <tbody> <tr> <td data-bbox="802 1178 899 1247">1</td> <td data-bbox="899 1178 1289 1247">SO to GM</td> <td data-bbox="1289 1178 1479 1247">Chairman</td> </tr> <tr> <td data-bbox="802 1247 899 1316">2</td> <td data-bbox="899 1247 1289 1316">Agent</td> <td data-bbox="1289 1247 1479 1316">Member</td> </tr> <tr> <td data-bbox="802 1316 899 1415">3</td> <td data-bbox="899 1316 1289 1415">Manager, SKLW</td> <td data-bbox="1289 1316 1479 1415">Guest Member</td> </tr> <tr> <td data-bbox="802 1415 899 1484">4</td> <td data-bbox="899 1415 1289 1484">Area Engineer</td> <td data-bbox="1289 1415 1479 1484">Member</td> </tr> <tr> <td data-bbox="802 1484 899 1583">5</td> <td data-bbox="899 1484 1289 1583">Pit Engineer</td> <td data-bbox="1289 1484 1479 1583">Guest Member</td> </tr> <tr> <td data-bbox="802 1583 899 1652">6</td> <td data-bbox="899 1583 1289 1652">Area civil Engineer</td> <td data-bbox="1289 1583 1479 1652">Member</td> </tr> <tr> <td data-bbox="802 1652 899 1722">7</td> <td data-bbox="899 1652 1289 1722">Area Survey Officer</td> <td data-bbox="1289 1652 1479 1722">Member</td> </tr> <tr> <td data-bbox="802 1722 899 1820">8</td> <td data-bbox="899 1722 1289 1820">Area Env Officer</td> <td data-bbox="1289 1722 1479 1820">Member Secretary</td> </tr> <tr> <td data-bbox="802 1820 899 1890">9</td> <td data-bbox="899 1820 1289 1890">Area Forest Officer</td> <td data-bbox="1289 1820 1479 1890">Member</td> </tr> <tr> <td data-bbox="802 1890 899 1957">10</td> <td data-bbox="899 1890 1289 1957">Area Estate Officer</td> <td data-bbox="1289 1890 1479 1957">Member</td> </tr> </tbody> </table>	Sl. No	Designation		1	SO to GM	Chairman	2	Agent	Member	3	Manager, SKLW	Guest Member	4	Area Engineer	Member	5	Pit Engineer	Guest Member	6	Area civil Engineer	Member	7	Area Survey Officer	Member	8	Area Env Officer	Member Secretary	9	Area Forest Officer	Member	10	Area Estate Officer	Member
Sl. No	Designation																																		
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3	Manager, SKLW	Guest Member																																	
4	Area Engineer	Member																																	
5	Pit Engineer	Guest Member																																	
6	Area civil Engineer	Member																																	
7	Area Survey Officer	Member																																	
8	Area Env Officer	Member Secretary																																	
9	Area Forest Officer	Member																																	
10	Area Estate Officer	Member																																	

Sl. No.	Condition	Compliance Status		
		11	Sr Hydro geologist	Member
		12	Mine Survey Officer	Guest Member
		13	Mine Safety Officer	Guest Member
xiii)	<p>The funds earmarked for environmental protection measures should kept in separate account and should not be diverted for purpose. Year wise expenditure should be reported to the Ministry and its Regional Office located at Chennai.</p>	<p>As per the progress of the project constructional activities etc, a separate account is being maintained for the funds earmarked for environmental protection measures and year wise expenditure is being reported to the Ministry and its regional office at Chennai. The details furnished in <b>part 2, Point No:8.</b></p>		
xiv)	<p>The Regional Office of the Ministry located at Chennai 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.</p>	<p>The management will extend full co-operation to the officers of the regional office, Chennai in furnishing the required data/ information/ monitoring reports.</p>		

Sl. No.	Condition	Compliance Status
xv)	A copy of clearance letter will be marked to concerned panchayat / local NGO, if any, from whom and suggestion/representation has been received while processing the proposal.	Environment clearance letter was submitted to Gram panchayat, of Akenapalli.
xvi)	State Pollution Control Board should display a copy of the clearance letter at Regional Office, District Industry Centre and Collector's Office/Tahsildar's Office for 30 days.	Displayed in the website of TSPCB for 30 days.
3	The Ministry or any other competent authority may alter/modify the above conditions or stipulate any future condition in the interest of the environment protection.	Agreed
4	Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (protection) Act, 1986.	SCCL is implementing all the conditions stipulated in EC.

Sl. No.	Condition	Compliance Status
5	<p>The above conditions will enforce <b>inter-alia</b>, under the provisions of the water (prevention &amp; control of pollution) Act, 1974, the air (prevention &amp; control of pollution) Act, 1981, the Environment (protection) Act, 1986, and the public Liability Insurance Act, 1991 along with their amendments and rules.</p>	<p>The above conditions are being complied as per Water (Prevention &amp; Control of Pollution) Act 1974, The Air (Prevention &amp; Control of Pollution) Act, 1981 The Environment (Protection) Act, 1986.</p> <p>Public Liability Insurance Policy is taken from the New India Assurance Company Ltd under Public Liability Insurance Act, 1991 vide policy No. 61360136203300000004, valid from 30.04.2020 to 29.04.2021, which will be renewed periodically</p>

  
 Project Officer  
Shantikhani Longwall project  
 Project Officer  
 Shantikhani Longwall

**A PERIODIC PROGRESS REPORT REGARDING ENVIRONMENTAL PROTECTION**  
**MEASURES TILL 31.03.2021**

**PART – II**

1. Production Details			
Sl. No	Year	Coal (in MTPA)	
		As per EC	Actual
1	2008-09	1.167	0.051
2	2009-10	1.167	0.014
3	2010-11	1.167	0.041
4	2011-12	1.167	0.068
5	2012-13	1.167	0.064
6	2013-14	1.167	0.062
7	2014-15	1.167	0.084
8	2015-16	1.167	0.100
9	2016-17	1.167	0.043
10	2017-18	1.167	0.110
11	2018-19	1.167	0.090
12	2019-20	1.167	0.091
13	2020-21	1.167	0.132

**2.Plantation:**

1	No of plants planted during last six months / last year	Nil
2	Area covered in Ha	Nil
3	Expenditure incurred in Rs.lakhs	Nil
4	Total area brought under plantation so far in Ha	76.00
5	Total no of plants planted so far since inception	94200
6	Species of plants planted	Clones and mixed with native species
7	Total expenditure in Rs. lakhs -	122.45

Note: Plan along with details of year wise plantation furnished.

**3.Water Balance Statement:**

SI	Description	Quantity in KLD
1	Average quantity of water pumped out of the mine	9806
2	Water used for drinking/bathing and other industrial requirement	60



3	Water used for washing of HEMM	-----
4	Water used for plantation	80
5	Water supplied for nearest township/village for domestic purpose	8366
6	Excess water let out	1300
7	Point of discharge (as per CFO)	On land for irrigation/dust suppression
8	Discharge as per Consent from APPCB	Mine discharge water after treatment: 1000 KLD Domestic Wastewater:2000 KLD

2. **Micro-meteorological Monitoring:**  
Micro-meteorological station was installed on the top of GM's office, Mandamarri. The summary of the monitoring from 01.10.2020 to 31.03.2021 as follows:

S.No	Parameter (s)	Min	Max	Mean
1.	Temperature (°C)	12.1	44.9	26.9
2.	Wind Speed (m/s)	Calm % 10.60	7.0	1.4
3.	Relative Humidity (%)	9.3	99.0	52.8
4.	Predominant Wind direction for the study period	North East (NE), followed by South East (SE) winds		
5.	Total Rainfall (mm)	7.8		

### 3. **Air Pollution Control Measures:**

- Adequate water spraying arrangements have been made at all working coal faces and galleries. Water spraying is regularly done at loading and unloading places of tipplers and bunkers at pit head on surface

- Water spraying is regularly done by tractor mounted water tanker exclusively engaged to serve the purpose.
- As on now 76.00 ha of Block plantation is done. Avenue plantation is also done along the coal transport road.
- Coal trucks are being covered with tarpaulins for preventing spillage
- The underground workings of the mine are well ventilated by adequate ventilation arrangements. The requirements and standards specified in this regard by Director General of Mines Safety (DGMS)

#### **5. Surface Water Quality Monitoring:**

**Monitoring Data:** The summary of the monitoring from 01.10.2020 to 31.03.2021 is enclosed as **Annexure-4**

#### **6. Groundwater Quality Monitoring:**

**Monitoring Data:** The summary of the monitoring from 01.10.2020 to 31.03.2021 is enclosed as **Annexure-5**

**7. Phreatic surface monitoring:** (Range of Water Table): The summary of the monitoring from **October-2020 to March-2021** is enclosed as **Annexure-6**

#### **8. Water pollution control Measures:**

- The mine discharge water, which may contain coal fines, needs sedimentation, before discharge into the natural water course / open land. The treatment facilities such as sedimentation, filtration and chlorination was provided for mine discharge, so as to conform to the effluent standards as prescribed by MoEF.
- The effluents from service building is being collecting by a sewage system and treatment by means of septic tanks and soak pits. Sewage is discharging after treatment.
- Sewage is being treated in septic tank followed by soak pit for existing townships in Mandamarri area.

#### **9. Noise Pollution Control Measures:**

- The main mechanical ventilator (MV Fan) is provided with evasee which dampens the noise.
- Height of fall has minimized at all coal transfer points and internal lining of bins and chutes were provided.
- Where the high noise intensity working areas / zones earmuffs and earplugs is being providing to th workmen.

- Regular noise level monitoring is being carrying periodically.
- Management of manpower working in high noise level areas such that the assignment is distributed amongst more persons thereby reducing individual exposure to high noise level to fewer hours in a shift and maintaining equivalent noise level exposure a shift is being complied.
- Extensive plantation of green belt and vegetation along the roads and around the offices to create a barrier and screen between the source and the receiver noise is absorbed and the exposure level is minimized.

**11. Revenue Expenditure incurred on Environment Management and Pollution Control Measures:**

**The Expenditure incurred from October-2021 to March-2021 as follows**

<b>Sl. No</b>	<b>Description</b>	<b>Expenditure(In Rs:)</b>
1	Air Pollution Prevention & Control measures ( including free Gas supply of workers)	1164492
2	Water Pollution Prevention & Control measures	4530004
3	Plantation	744201
4	Water spraying arrangements	48500
5	Water Cess	-
7	CFO fee	-
	<b>Total:</b>	<b>6487197</b>

**10. Socio-economic Measures:**

- i. A common central township is provided on a non coal bearing area and it is maintained with such facilities like dispensary, schools, drinking water supply, market place, recreation clubs, Parks, well lighted approach roads, dust bins etc., at various places in the colony and it is away from mining activity. Sulabh Complexes are constructed in and around mining colonies in addition to individual toilets provided in quarters.
- ii. Existing no of quarters for this mine : 475

- iii. Workers are being educated about the importance of family planning and an incentive of Rupees 220.00 for ladies & Rs: 150.00 for gents along with 6 days leave is being given as encouragement.
- iv. Arrangements are being made for giving vaccination to children and adults to protect from diseases and steps are taken to eliminate / control Malaria under effective supervision of Health Officer.
- v. All necessary steps are being taken for improving general sanitation of Township/Colony under effective supervision of Health Officer. 8000 m<sup>3</sup> of garbage was removed from the colonies during this six months period.
- vi. Sports and games are being conducted for workmen and also in the surrounding villages regularly.
- vii. Greenery is being developed in the existing colonies and also avenue plantation along the roads of surrounding villages.
- viii. a) Planting has been done in 73.5 ha with 197583 number of seedlings, 140500 number of agave suckers and other plant material.  
b) About 26040 no of Misc seedlings, 7000 nos of Eucalyptus clonal plants and 90901 fruit bearing plants were disturbed to surrounding villages and to other departments during 2020 monsoon season.
- ix. Similarly as part of Haritha haram:
  - 500 nos saplings are planted at Muthyampalli village, Kasipet Mandal.
  - 1463 nos of fruit bearing saplings are planted on 26.09.2020 and 17.02.2021 at monkeys food court at KK-5 mine premises.
  - 2 nos solar power plants has been installed at Mandamarri area. 1 no 15MW capacity solar power plant (MMR-II) synchronized with TS Transco at Muthyampalli village, Kasipet Mandal, Mancherial district near Kasipet mine on 08.04.2021.
    - 1 no 28 MW capacity solar power plant (MMR-I) synchronized with TS Transco at Mandamarri town, Mancherial district near Kalyan khani no.5 incline on 17.04.2021. **Welfare measures:** New canteens constructed and inaugurated during the year at Shantikhani Longwall project and Kasipeta-2 Underground Mine Project.
    - Installed RO plants at all the mines and departments for supply of purified and hygienic mineral water to all employees.
    - Ayurvedic medical camps conducted for benefit of the employees and their family members.
    - CPRMS-NE: Health cards issued to Ex Employees -1506.
    - HBLIRS given 350
    - Swachta Maha & Swachta hi seva 2020, "Swatchatah Pakhwada," "Swachta hi seva" "Haritha Haram" programmes conducted.

- 1450 persons have donated BLOOD on 4 occasions at MVTC.
- Conducted World Yoga Day programme at SCH grounds and other schools of Mandamarri on 21.06.2019 with involvement of 12,141 persons.
- Conducted CIL Athletic meet wherein 10 companies participated in the event.
- SEVA ACTIVITIES; Training given to 800 persons in various works like Tailoring, Beautician, Maggam works, DCA course, motor driving, Security guard training, Army Training, Volvo driving training etc.

- As in the part of welfare measures – civil repairs are being taken up with an amount of Rs. 1.83 Crore for the benefit of employees as well to the common public.

- Avenue plantation done in KKOC mine premises (2.5 km) -1000 nos and Kasipet-2 approach road (2.5km) -1733 nos.

x. Various training programmes have conducted for unemployed surrounding village people and the details as follow:-

SI No	Course	Location	Centre	No of persons
1	Computer DCA course	Mandamarri	Maya computer centre	20
2	Motor Driving (LMV)	SRR Motors, Mandamarri	Jendavenkatapur	40
		Dubbagudem	Dubbagudem	
		M amidigattu	Mamidigattu	
		Sravanpalli	Sravanpalli	
		Adilpet	Adilpet	
		Sarangapalli	Sarangapalli	
		Erraguntapalli	Erraguntapalli	
		Dubbagudem	Dubbagudem	
3	Tailoring	Ramakrishnapur	Ramakrishnapur	25
		Mandamarri	Mandamarri	28
		Yapal	Yapal	34

		Kasipet & Somagudem	Kasipet & Somagudem	25
4	Beautician	Ramakrishnapur	Ramakrishnapur	25
		Mandamarri	Mandamarri	25
		Yapal	Yapal	25
		Bellampalli	Bellampalli	20
5	Fashion designing course	Ramakrishnapur	Ramakrishnapur	20
		Mandamarri	Mandamarri	25
		Yapal	Yapal	25
		Bellampalli	Bellampalli	25
6	Meggam work course	Ramakrishnapur	Ramakrishnapur	28
		Mandamarri	Mandamarri	28
		Yapal	Yapal	40
		Bellampalli	Bellampalli	25
			Total:	<b>473</b>

xi. Training given to project affected people:-

S.No	Project affected peoples	Vocational course	No of students
1	Adilpet village (Sravanpalli OCP)	Tailoring course	22
2	Amarawadi, Sheshapelli, Doragaripalli & Kyatanpalli (RKPOCP)	Tailoring course	60
3	Lambadi thanda, Dubbagudem	Tailoring course	25
4	Akenapalli (KKOCP)	Tailoring course	25
5	Mamidigattu (Sravanpalli OCP)	Fashion designing	30

6	Mamidigattu, Kasipet & Muthyampalli (KKOCP)	Beautician	60
7	Mamidigattu, Dubbagudem, Amaravadi & RK-4 gadda (KKOCP, RKOCP & Sravanpalli OCP)	Computer DCA	40
8	Jendavenkatapur, Dubbagudem, Mamidigattu, Sravanpalli, Adilpet, Sarangapalli & Erraguntapalli.	LMV (Driving)	60
9	All Mining Projects, Mandamarri	Army training	51
<b>Total:</b>			<b>373</b>

xii. Bags were distributed in the colonies for collecting paper and plastic waste which is being sent for recycling regularly.

xiii. To encourage unemployed youth on Entrepreneurs Development Programme for establishment of Ancillary units and from which the products are being utilized in mines and departments and the details are as follow:

Presently, 13 new entrepreneurs were selected for establish new ancillary units i.e. BPA-3, MM-5 and SRP- 05

Entrepreneur Development Programme was conducted to these 14 candidates from 4th June to 14th June 2012 at Yellandu Club, Mandamarri jointly by the Centurion University, Khadi Gramodyog Vidyalay and Officials from Singareni collieries Co Ltd.,

The units proposed are: Roof bolts – 4 persons, motor winding works – 1, House wiring – 3, GI Canisters – 1, Dog nails, bolts & nuts – 1, Fish plates – 1, Fabrication – 2, GI Wire items – 1

Out of these 14 persons, 13 have applied for loan through Prime Minister's Employment Generation Programme as detailed Below:

For Rs 25 lakh: 4 persons

For Rs 20 lakh: 1 person

For Rs 10 lakh: 2 persons

For Rs 7 lakh: 1 person

For Rs 1 lakh: 5 person

All the above 13 candidates obtained Vendor codes from SCCo Ltd. and got their proposed firms registration. SCCL had given tenders of order value of Rs:13.43 crores to the Ancillary units during 2017-18.

**12. Development activities (CSR) under SHAPE Programme in the surrounding villages from 2003-04 to 2008-09:**

a).Towards school building and compound	:	21.80 lakhs
b).Towards drinking water in the surrounding villages (namely Mandamarri, Amaravadi, Kurmapalli, Kasipet and Muthyam palli etc) for bore holes, overhead tanks and pipe lines	:	24.50 Lakhs
c).Towards BT, CC roads, drainages, bridges & street lighting	:	<u>498.25 Lakhs</u>
Total	:	<u>544.55 Lakhs</u>

**CSR works for the year 2014-15**

<b>S. No.</b>	<b>Description of the work</b>	<b>Amount in Lakhs</b>
1	Miscellaneous civil works to police station building to accommodate CI office room	2.90
2	Drilling of bore holes including fixing of hand pumps under CSR at MM area	2.77
3	White washing and coloring works to police station building at MM area	1.60
4	M&R works to police station building at RKP	1.10
5	Providing dust bins and iron gates to project affected villages of KKOC and sravanapalli OC at Mandamarri area	2.86
6	Providing pipe culvert at Mamidigattu	2.94



	Mandamarri area	
	<b>Total Amount:</b>	<b>14.17</b>

CSR works for the year 2015-16 to 16-17

S.No	Description of the work	Amount in Lakhs
1	Towards CC road and metal road	111.30
2	Towards CC drains	41.00
3	Drilling of bore holes	45.74
4	Construction of overhead tank	30.00
	Total:	228.04

**CSR activities taken up during 2017-18:-**

- 1) Similarly, during the year 2017-18 the following works are being taken up:
  - An amount of Rs.189.64 lakhs for CC Drains & development of roads
  - An amount of Rs.60 Lakhs allotted for widening of roads & Central lighting system.
  - Hand Pumps worth Rs.17 Lakhs
  - Construction of Public Toilets worth Rs.19.37 Lakhs

And in Bellampalli Town

  - An amount of Rs.162.90 lakhs for CC Drains & Roads
  - An amount of Rs.100.00 Lakhs for construction of Ambedkar Building
- 2) On 04.02.2018, a mega medical camp was organized at Saranga Palli Village with medical specialists and medical tests were conducted for nearly 1200 persons and necessary treatment was extended for identified persons. In the coming days also, medical camps will be organized in the project affected villages. 81 persons were identified for cataract surgery which will be done at free of cost.

- 3) Rs.14.55 & Rs.13.44 Crores valuable orders were given to the ancillary units set up by 13 unemployed youth during the years 2016-17 and 2017-18 respectively.
- 4) Company has supplied 55 nos. benches to the schools of nearby villages.
- 5) 14 Unemployed youth were given training in Volvo Truck driving at Bengaluru.
- 6) 87 persons were given training for Army Recruitment.
- 7) Specialized training session has been given to 25 Female & 30 Male unemployed youth so far for police recruitment.
- 8) SCCL authorities have already deposited with District Collector, Mancherial around Rs.215 Crores (from January, 2016 to March, 2018 under D.M.F (District Mineral Foundation) Trust, which will be spent for developments and upliftment of surrounding villages.

#### **CSR works for the year 2018-19**

- |   |        |
|---|--------|
| 1) Providing second toilet complex at Shanthinagar colony, RK-4 -gadda RKP , MM area :  | 9.31   |
| 2) Drilling of 8 nos bore wells with hand pumps to surrounding villages of proposed Kalyanikhani -6 inc project , MM area. :                                      | 2.79   |
| 3) Development works in surrounding habitations of SCCL areas of Bellampalli and Mm area under SHAPE-11-12 programme :  | 6.71   |
| 4) Providing development works at Mandamarri and its surrounding villages under CSR programme:  | 13.827 |
| 5) Infrastructure development works (laying of Roads and construction of Drains etc.) in the surrounding areas of Mandamarri area, Mancherial District :          | 50.876 |
| 6) Laying of CC roads and Drains at Kasipet GP in Mancherial District Works sanctioned under CSR.- <b>Under Corporate Social Responsibility activities (CSR):</b> | 56.39  |
| 7) Providing infrastructure to Central Nursery at Patha Bellampally, Mancherial dist :  | 15.50  |
| 8) Infrastructure development works in Urban areas such as Development of KCR park at Mandamarri town (orregadda)   | 200.00 |

of Mandamarri Mandal –Mancherial dist.

**CSR works for the year 2019-20:-**

1. Development works such as laying CC/BT roads construction of open GYM, providing Hy- mast solar light planting trees  
Bellampalli Assembly constituency. : 200.00
2. Construction of integrated market at Chennur Municipality of Chennur Assembly constituency. : 150.00

Mobile medical camps conducted in near by villages and the details are as below:

Aspect	No. of Programmes	No. of Beneficiaries
Medical Camps	2	1300
Mobile Medical Services	1	100
School Health Programmes	7	750
Health Awareness Programmes	15	1600

**13. MINUTES OF THE ENVIRONMENTAL COMMITTEE MEETING**

Environmental committee meeting of SKLW Mine held on 06.03.2021 under the Chairmanship of Shri M.Ram Moham, SO To GM, Mandamarri and the following executives were attended.

Sl. No.	Name S/Sri	Designation	Administrative set up
1	M.Ram Mohan	SO To GM	Chairman
2	K.Venkateswarlu	Project officer	Member
3	V.Bikshamaiah	Manager	Guest Member
4	S.Jagan Mohan Rao	Area Engineer(E&M)	Member
5	T.Govindappa	DGM(Civil)	Member
6	SK.Zainulabaddin	ASO(Survey)	Member
7	P.Prabhaker	Dy. Mgr(ENV),MM	Member Secretary
8	R.V.Ramana Reddy	Dy Mgr(Forestry)	Member
9	B.Venkanna	Sr.Hydrologist	Member
10	O. Navaneetha	Sr Estate Officer	Member
13	Sudip Mohitra	Mine Surveyor	Guest Member

At outset, Dy.Mgr(Env) briefed about each condition imposed in Env. Clearance and for every condition present status reviewed and the ATR vs responsibility of the executive is being furnished as under.

### **Minutes of the Meeting**

#### **Specific conditions:-**

S.No	EC condition	Actual to be taken	Responsibility
1	(iv) The Project authorities should check the possibility of existence of fault(s) before deciding about the thickness of safe barrier required to be maintained between the working face and the water body in consultation with the Director General Mines & Safety	Precautions should be taken to prevent underground inundation. Suitable Barrier of adequate size should be left against the faults to protect inrush of water into the face. Depillaring	Sri V.Bhikshamaiah Project Manager

	(DGMS). Depillaring should also be carried out after taking prior approval of the DGMS.	operations and Inundations precautions should be taken as per DGMS permission conditions.	
2	(viii) In areas where subsidence is anticipated in shallow coal occurrence, such areas to be identified and provided with garland drains to ensure draining of water and avoid ingress of the same in to the UG mine.	Shallow depth workings anticipated subsidence should be identified and they should be provided with suitable garlands on surface to avoid inrush of water from the surface.	Sri V.Bhikshamaiah, Project Manager
3	(x) The project authorities should meet the water requirement of nearby village(s) in case the village wells go dry due to de-watering of the mine.	Regular monitoring of Ground water level should be carried out by existing wells and constructed Peizometers.	Sri G.Venkanna, Sr Hydrogeologist
4	(xiv) Suitable rainwater harvesting measures on long term basis shall be planned and implemented in consultation with Regional Director, CGWB.	Rain water Harvesting structures should be constructed at mines and surrounding villages in addition to existing structures.	Sri T.Govindappa, Area Civil Engineer
5	(xv) Coal handling plant should be provided with adequate number of high efficiency dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.	Loading and unloading areas of coal and all transfer points should be provided with efficient water sprinklers and water spray arrangements and these should be properly operated and maintained.	Sri. V.Bhikshamaiah, Project Manager

<u>S.No</u>	EC condition	Actual to be taken	Responsibility
6	(xix) Vehicular emissions should be kept under control and regularly monitored. Overloading of trucks is avoided to stop spillage. The loaded trucks to be covered with tarpaulin sheets to prevent spillage of coal.	<ul style="list-style-type: none"> <li>• Over loading of trucks with coal should be avoided.</li> <li>• The loaded coal lorries(trucks) should be covered with tarpaulin sheets to prevent spillage of coal along coal transportation route and to prevent formation of dust.</li> </ul>	Sri.S.Rama Prasad Pit Engineer

**General conditions:-**

<u>S.No</u>	EC condition	Actual to be taken	Responsibility
7	(iv) Fugitive dust emissions from all the sources should be controlled regularly monitored and data recorded properly. Water spraying arrangements on haul roads, loading and unloading points should be provided and properly maintained.	At present only one ambient air quality monitoring station was established in the core zone. 3 more stations o be established in the core zone.	Sri.P.Prabhakar, Area Environmental Officer
8	(x) Industrial waste water (Workshop and wastewater from the mine) should be properly collected, treated so as to confirm to the standards prescribed under GSR 422 (E) dated 19 <sup>th</sup> May, 1993 and 31 <sup>st</sup> December, 1993 or as amended from time to time. Oil and grease trap should be installed before discharge of workshop effluents.	The Mine discharge water should be treated before discharge of water in to the streams/Nallaha/Tank and to be ensured to the prescribed standards.	Sri T.Govindappa , Area Civil Engineer

The above meeting was concluded by expressing thanks to the participants.

**The compliance of Groundwater Clearance**

<b>Sl. No.</b>	<b>Condition</b>	<b>Compliance</b>
1	Periodical monitoring of Ground water levels and quality (every month) and quality (twice a year i.e., during pre and post monsoon periods) should be taken by constructing Peizometers and through existing observation wells and report sent to the Deputy Director, Ground water Department, Nirmal, Adilabad District regularly.	It is being complied and the report of the same submitted to Dy Director, TS Ground Water Dept., Mancherial vide Ir no MMR/ENV/G-5/2019/141 ,Date 10.10.2019.
2.	Rain water harvesting structures should be taken up in all the villages with in the radius of 10 km of the project area.	For construction of Fresh Rain water harvesting structures, new proposals have been initiated.
3	Provisions should be made to maintain the present use/supply of ground water in and around the Project Area and also it's restoration due to any adverse effects as a result of mining in future.	The excess mine water of 1300 Kilo Liters per Day is being regularly discharged in to Lingapur tank after proper treatment and thus the nearby villages of Lingapur, Akenapelli and Patha Bellampalli village people are benefited by utilizing the water for their Agricultural activities.
3.	Afforestation in surrounding areas should be taken up.	Plantation in an extent of 76 Ha in SK Long wall project mine take area has been taken up besides the total Block Plantation of 884 Ha was carried in the outside mine take area but within the mining lease covering townships etc.

**15.Environmental Public Hearing Minutes Vs Response/Commitment of Project Proponents**

And

**Present Status**

**Date of Public Hearing Conducted: 31-07-2004 (11.00 AM)**

**Venue: Gram Panchayath Office, Batwanpalli Village, Bellampalli (Mandal), Mancherial (District),TS**


<b>Sl. No.</b>	<b>Issue raised by the public</b>	<b>Present status</b>
1	<b>Sri E. Venkata Rama Rao, Sarpanch, Akenepalli</b> While welcoming the project brought the issue of	<ul style="list-style-type: none"> <li>Presently there is no depillaring activity and regular monitoring of surface area is being done.</li> </ul>

Sl. No.	Issue raised by the public	Present status
	<p>subsidence of land due to old SK-II mine. He alleged that depillaring below the village and the Lingapur tank affected the land that resulted in depletion of water due to seepage. He expressed similar apprehensions over the new project proposed in the vicinity of Akenepalli and three other villages. He suggested that the SCCL to divert the water pumped out from the proposed project to the near by Lingapur &amp; Batwanpalli irrigation tanks. He also requested that the SCCL to lay 10 KM BT road from Akenepalli to Mandamarri for use of SCCL employees and others to reach their work places.</p>	<ul style="list-style-type: none"> <li>• Mine discharge water of 9806 KLD is being diverted to Lingapur tank for agriculture purpose</li> <li>• 8366 KLD for drinking water for colony and Bellampalli township</li> <li>• Remaining 1300 KLD discharge water is also diverted to nallah No. 2 for agriculture purpose by near villages.</li> <li>• 10 KM BT road from Akenapalli to Mandamarri for use of SCCL employees and others to reach their work places.</li> </ul>
2	<p><b>Sri Bolisetti Shanker, Sarpanch, Perkapalli</b>, expressed apprehension due to project of SCCL in the area especially with regard to the Mango Orchards and Paddy fields. He sought compensation for any damage resulted due to the proposed mining operation. He requested the SCCL to lay BT roads in the villages. While welcoming the proposed new project, he requested the SCCL to open some more new mines in the area to bring back the employees who were transferred to other areas due to closure of mines. This would also help in increasing their opportunities to sell the agriculture product to the people employed in the mines.</p>	<ul style="list-style-type: none"> <li>• At present, there is no affect for mango orchards and paddy fields. 8 km length of BT road laid from Bellampalli to Perkapalli with shape funds.</li> <li>• SCCL is planning for opening of new mines like Kasipeta -2 Incline and KK-6 mine.</li> </ul>
3	<p><b>Sri Singati Peddanna, Sr.Citizen</b>, resident of Batwanpalli Village expressed apprehensions over depletion of water table which would affect the agricultural operations in the surrounding villages. He wanted drilling of bore wells per every 10 acres of cultivated land to over come the impact due to mining operations. He sought provision for infrastructure in the villages.</p>	<p>Drinking water bore wells were provided as follows:</p> <ul style="list-style-type: none"> <li>• Batwanpalli: 2</li> <li>• Perkapalli : 3</li> <li>• Lingapur : 3</li> <li>• Akenapalli : 4</li> <li>• SC colony : 2</li> <li>• Pochamma temple : 1</li> </ul>



Sl. No.	Issue raised by the public	Present status								
4	<p><b>Sri Thongala Satyanarayana ZPTC</b>, Bellampalli, while welcoming the project, enumerated the advantages and disadvantages of the project. He stated that local people would be benefited by the proposed project as the project would generate direct and indirect employment to the local people. He sought provision of water for agricultural purposes. He also pleaded for compensation to the affected persons of Chopparipalli village whose houses were affected due to subsidence. He also requested the SCCL to lay CC road and drains in all the villages which would be affected.</p>	<ul style="list-style-type: none"> <li>• CC road provided at Perkapalli, BT road at Akenapalli.</li> <li>• Employment provided in shaft sinking operations for nearby villagers by M/s Teknomin Construction Ltd.</li> </ul> <table border="1" data-bbox="1049 520 1487 659"> <tr> <td>Batwanpalli</td> <td>8</td> </tr> <tr> <td>Perkapalli</td> <td>16</td> </tr> <tr> <td>Lingapur</td> <td>33</td> </tr> <tr> <td>Akenapalli</td> <td>12</td> </tr> </table>	Batwanpalli	8	Perkapalli	16	Lingapur	33	Akenapalli	12
Batwanpalli	8									
Perkapalli	16									
Lingapur	33									
Akenapalli	12									
5	<p><b>Smt. A Sridevi, MLA, Asifabad</b>, welcomed the project and requested the SCCL management to provide the following-</p> <ul style="list-style-type: none"> <li>◆ Funds for drinking water and agriculture in the village</li> <li>◆ Water tank for Akenepalli</li> <li>◆ Water from Shanti Khani Longwall Project to Batwanpalli and Lingapur tanks</li> <li>◆ Shanthikhani to Lingapur BT road</li> <li>◆ B T road from Mandamarri to Batwanpalli via Akenepalli village.</li> <li>◆ Agriculture and drinking for Batwanpalli, Akenepalli, Gurijala and Perkapalli.</li> </ul>	<ul style="list-style-type: none"> <li>• Mine discharge water of 1360 KLD from is being diverted to Lingapur tank for agriculture purpose.</li> <li>• 5450 KLD for drinking water for colony and Bellampalli township</li> <li>• Remaining 2000 KLD discharge water is also diverted to nallah No. 2 for agriculture purpose by near villages.</li> <li>• 10 KM BT road laid from Akenapalli to Mandamarri for use of SCCL employees and others to reach their work places.</li> </ul>								
6	<p><b>Sri Jangapalli Ramaswamy, Sarpanch</b> Patha Bellampalli pleaded for the rehabilitation of Choparripalli village and compensation to the inhabitants affected due to mining operations of Mandamarri mines under operation in the Patha Bellampalli Village. He sought provision of drinking water facilities to the resident of the village.</p>	<ul style="list-style-type: none"> <li>• Twenty two bore wells were provided for drinking water to near by villages.</li> </ul>								
7	<p><b>Sri B. Ankulu</b>, Thala Gurajala welcomed the proposed project and requested the de-silting of tanks in their villages to increase the water holding capacity.</p>	<ul style="list-style-type: none"> <li>• De silting of Thala Gurajala Tank was done in 2016.</li> </ul>								

Sl. No.	Issue raised by the public	Present status
8	<p><b>Sri Ch.Venkata Ramana</b> , R/o Batwanpalli while welcoming the project requested SCCL Management to take up the following works in the four villages i.e., Akenepalli, Patha Bellampalli, Batwanpalli and Perkapalli</p> <ul style="list-style-type: none"> <li>◆ Repair of irrigation tanks.</li> <li>◆ Supply of filtered mine water to Batwanpalli and Lingapur villages</li> <li>◆ Power, street lights ,Library, dispensary ,play ground ,community hall</li> </ul> <p>1. Compensation at the rate of Rs.2 Lakhs per acre in case of damage of land due to the proposed mining operations.</p>	<ul style="list-style-type: none"> <li>• Twenty two bore wells were provided for drinking water to near by villages.</li> <li>• 10 KM BT roads laid from Akenapalli to Mandamarri for use of SCCL employees and others to reach their work places and mine water diverted to nearby village tanks.</li> </ul>

  
 Project Officer  
Shantikhani Longwall project  
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