



The Singareni Collieries Company Limited
(A Government Company)
KOTHAGUDEM AREA

Ref.No.KGM/EST/F/25/ 224

Date: 16/05/2023

To
The Principal Chief Conservator of Forests,
Nodal Officer (FC)
Aranya Bhavan, Saifabad,
Hyderabad, Telangana State.

Sir,

Sub: Submission of Annual compliance report as on 31.03.2023 for the stipulated conditions in MoEF& CC, GOI orders under F(C) Act for diversion of 154.96 Ha. for Gautham Khani Opencast Project (Phase-III) in Bhadradi Kothagudem District-Kothagudem Division in favor of SCCL-Reg.

Ref: MoEF&CC, Gol letter No.F.No.8-62/20050-FC, Dt. 09/5.07.2008.

Kind attention is invited to the reference cited wherein the MOEF, GOI, has accorded final approval for diversion of Forest land to the extent of 154.96 for Gautham Khani Opencast Project in Kothagudem. Accordingly, the compliance report as on 31.03.2023 is submitted herewith on the stipulated conditions as in the order.

Condition No.(1): Legal status of the forest land shall remain unchanged.

Compliance: Legal status of land remains as Reserve Forest.

Condition No.(2)(i):Compensatory Afforestation shall be raised and maintained by the State Forest Department at the project cost.

Compliance: CA land was identified in Sy. No. CB of Mulapet (V), Ranasthalam (Mandal), by the SCCL and handed over to Forest Department, Srikakulam Forest Division. An amount of Rs.82,08,000 was deposited vide DD Nos. 49419 to 49426, dtd.18-4-2008 towards CA charges. Due to high density of tree growth in the area (NFL) already handed over to Forest Dept., alternate degraded Forest land of 154.96 Ha., suitable for raising plantation was identified in Compt.No.7 of Kondapur Block, Aswapuram Range, Paloncha Division. Accordingly, a Certificate dtd.8-10-1998 is also issued regarding its suitability for raising Compensatory Afforestation by FDO, Paloncha.

Condition No.(2)(ii): Fencing, protection and regeneration of the safety zone area (7.5 meters strip all along the outer boundary of the mining lease area) shall and a half times the area under safety zone, shall be done at the project cost. Besides this, afforestation on 100 meter radius of mining lease granted in degraded forest land if density is less than 0.4/enrichment plantation shall be taken up by the user agency in consultation with the Forest Department.

Compliance: The SCCL has deposited Rs. 2.890 lakhs towards 1½ times safety zone, Rs.7.690 lakhs towards fencing of safety zone area and Rs.0.220 lakhs towards regeneration of safety zone area with DFO, Kothagudem on 14-09-2006 vide Cheque No.239739 of SBH, Rudrampur. Maintained the Safety zone of 7.5mtrs. is inside this area of 154.96Ha.

Regarding planting in 100 M radius from the Mining Lease periphery, the Forest Range Officer, Ramavaram has identified availability of degraded forest land of 6.00 Ha. within 100 meters radius where density is less than 0.4. This area was planted during 2016 planting season.

Planting all around in 100m could not be done as this diversion is surrounded by Mine (Quarry) and Non-forest in 3 sides.

Condition No.(2)(iii): Where ever possible and technically feasible, the User Agency shall undertake afforestation measures in the blanks within the lease area, as well as along the roads outside the lease area diverted under this approval, in consultation with the State Forest department at the project cost.

Compliance: Since the forest land diverted was for OC mining, it was not possible to take up plantation in the area during mining operations. The area will be planted only after completion of mining and re-filling with OB as per EMP. The SCCL has taken up avenue plantation in its area is 2.00 Ha.

Condition No.(3):The recommendations made in the Impact Assessment Study carried out by Indian Council of Forestry Research and Education(ICFRE) shall be implemented at the project cost.

Compliance: As per the recommendations made ICFRE, suitable compliances including sprinkling of water along the haul roads, removal of used oil barrels, desilting of tanks, plantation etc.. have been made. Till now around 8.30 crores have been utilized for remediation & NCRAP for GKOC.

Condition No.(4): The scheme for soil and moisture conservation for the entire watershed area shall be implemented at the project cost.

Compliance: The SCCL has taken up construction of toe wall (3.90 Km), garland drains (9.60 Km) along the OB dump and 3 siltation ponds, 8 cribs, 8 Rock fill dams in GKOC Project at the cost of Rs.1.30 crores. *Agave suckers*, *Saccharum munja* & vetivers were planted for soil binding and prevention of erosion. Broadcasting of *Stylosanthes hamata* was also done which prevented the soil erosion as well as improved nutrient status.

Condition No.(5):The non-forest land proposed for compensatory afforestation should be transferred and mutated in the name of Forest department and should be declared as Reserve Forests.

Compliance: 154.96 Ha. of non-forest land identified in Sy.No. CB of Mulapet (V), Ranasthalam (M) of Srikakulam Division was handed over and mutated in favour of Forest Department on 30-01-2001, Srikakulam Division.

Condition No.(6): All measures should be taken to prevent pollution of tanks, rivers and nalas, etc. The desilting of adjoining villages in radius of 5 Kms may also be taken up by the User agency from time to time.

Compliance: De-silting of village tanks such as Tungaram tank in tekulabanjara village and Penagadapa Tank was done.

Condition No.(7): The period of diversion under this approval shall be twenty (20) years subject to possession of valid lease by the User Agency under the MMDR Act, 1957.

Compliance: Yes, the lease period will be 20 years.

Condition No.(8)(i): The User Agency shall take up Planting work on the static dumps during the advance mining operations and the toe wall around the dump shall be taken up by the user agency.

Compliance: Planting work on the static dumps was taken up in a phased manner as per the EMP and so far about 504.50Ha. (Out of 154.96 Ha.) of OB dump area has been reforested with miscellaneous species and they are coming up well. Toe wall of 3.9Kms was already constructed along the dump toe.

Condition No.(8)(ii): All the dumps shall be fully reclaimed by afforestation immediately after closure of the mine in the shortest possible period under supervision of the State Forest Department.

Compliance: This will be complied with after completion of mining.

Condition No.(9): Any tree felling shall be done only when it is absolutely necessary and unavoidable, and shall be carried out under strict supervision of the State Forest Department.

Compliance: Since the area diverted was for OC mining, it was handed over by the Forest Department after extraction of tree growth.

Condition No.(10): No damage to the flora and fauna of the area shall be caused.

Compliance: SCCL is not causing any damage to flora and fauna in the adjoining forest land. A good plantation in 538 Ha. (forest & non-forest land) raised in GKOC providing shelter to fauna even from adjacent areas. Miscellaneous species planted are coming up well and providing shelter to fauna.

Condition No.(11): For reclamation works, the top soil should be preserved and should be used for reclamation. The areas shall be reclaimed keeping in view the international practice of stabilizing the dumps by grading / benching so that angles of repose (normally less than 28° at any given place) are maintained.

Compliance: Top soil management is being followed as per approved EMP. So far, top soil spread over OB dump is 3.40Mcum Balance Top soil 1.60Mcum preserved in 880RL deck will be used for reclamation of VKCM OB dump yards As per approved plan of VKCM, OB dump yards. Fresh OB will be dumped in GKOC void area.

Condition No.(12): The reclamation plan including siltation tanks shall be implemented and monitored continuously. The User Agency should furnish the extent of area to be technically and biologically reclaimed each year, to facilitate monitoring. The annual report about the progress of reclamation should be submitted to the Chief Conservator of Forests, Regional Office, Bangalore.

compliance: The SCCL has taken up plantation total - 538.00Ha. (External Dump yard 395.00 Ha. & Int. Dump Yard 109.5 Ha.). Reclamation was started in 1999, every year technically and biologically reclaimed up to the year of 2018.

The last compliance report was submitted to the MoEF&CC, vide Lr.No.KGM/ENV/401/83, Dt.26.05.2022 for the period ending March, 2022.

The species planted in GK OCP are Dendrocalamus strictus, Hardwickia binata Inga dulcii, Albezia odoratissima, Ficus benghalensis, Ficus religiosa, Semarouba glauca, Ceiba pentandra, Ficus mollis Aegle marmolose, Myrtagynaparvifolia Dolichondrancrispa, Madhuka latifolia Terminalia bellarica, Eucalyptus clones etc.

Condition No.(13): It shall be ensured that no labour-camps are set up inside the forest area.

Compliance: No labour camp is there in Reserve Forest.

Condition No.(14): The mining lease area shall be demarcated on ground at the project cost, using four feet high RCC pillars, with each pillar inscribed with the serial number, forward and backward bearings and distance between two adjacent pillars.

Compliance: The area has been demarcated with 4 feet height RCC pillars. And 42 numbers of pillars have been fixed details are mentioned. (KML file enclosed).

147.21 Ha Forest Land (phase - III part 1)

PILLAR No.	LATITUDE IN DEC-DEG-FORMAT (N)	LOGITUDE IN DEC-DEG-FORMAT (E)	LINE	FORE BEARING	BACK BEARING	Dist from Previous Pillar
1	17.44430635833330	80.65615245277780	1 to 2	14°-30'-19"	194°-30'-19"	118.10
2	17.44533688333330	80.65644130277780	2 to 3	74°-03'-25"	254°-03'-25"	96.40
3	17.44556806944440	80.65731634444450	3 to 4	74°-14'-41"	254°-14'-41"	218.66
4	17.44608618611110	80.65930288611110	4 to 5	74°-16'-05"	254°-16'-05"	149.74
5	17.44644043888890	80.66066339722220	5 to 6	74°-34'-48"	254°-34'-48"	134.79
6	17.44677343055560	80.66188407500000	6 to FN	08°-39'-22"	188°-39'-22"	120.06
FN	17.44784434166670	80.66206500277780	FN to FM	11°-20'-30"	191°-20'-30"	68.93
FM	17.44845386944440	80.66219878611110	FM To FK	09°-57'-44"	189°-57'-44"	347.45
FK	17.45154087500000	80.66279587222220	FK to FJ	11°-05'-25"	191°-05'-25"	188.69
FJ	17.45321083611110	80.66315446388890	FJ to FI	09°-16'-08"	189°-16'-08"	148.62
FI	17.45453399166670	80.66339318055560	FI to FH	09°-25'-01"	189°-25'-01"	64.25
FH	17.45510584166670	80.66349794166670	FH to FG	09°-24'-57"	189°-24'-57"	81.92
FG	17.45582932500000	80.66363046666670	FG to FF	09°-24'-57"	189°-24'-57"	59.48
FF	17.45635381111110	80.66375269444450	FF to FE	09°-33'-29"	189°-33'-29"	195.24
FE	17.45809066944440	80.66407548333330	FE to FD	10°-04'-45"	190°-04'-45"	348.97
FD	17.46118992500000	80.66468183611110	FD to FC	10°-39'-52"	190°-39'-52"	212.53
FC	17.46307371944440	80.66507120000000	FC to 9B	10°-39'-47"	190°-39'-47"	25.67
9B	17.46330126388890	80.66511822500000	9B to 9A	349°-57'-36"	169°-57'-36"	632.54
9A	17.46893909444440	80.66413695833330	9A to 9	341°-41'-33"	161°-41'-33"	56.41
9	17.46942453888890	80.66397502777780	9 to 59	240°-33'-10"	160°-33'-10"	82.12
59	17.46906597222220	80.66329804722220	59 to 58B	229°-51'-47"	49°-51'-47"	353.96
58B	17.46702795000000	80.66072946111110	58B to 58A	220°-44'-30"	40°-44'-30"	185.26
58A	17.46577015555560	80.65957827222220	58A to 58	224°-45'-54"	44°-45'-54"	120.68
58	17.46500333611110	80.65877033888890	58 to 56A	144°-24'-52"	324°-24'-52"	411.46
56A	17.46195873055560	80.66099416388890	56A to 56	230°-55'-52"	50°-55'-52"	247.00
56	17.46056882500000	80.65917451666670	56 to 55	310°-35'-02"	130°-35'-02"	326.20
55	17.46250801666670	80.65686146666670	55 to R1	209°-41'-17"	29°-41'-17"	96.40
R1	17.46175545833330	80.65640434722220	R1 to F2	172°-44'-55"	352°-44'-55"	129.02
F2	17.46059756111110	80.65654603055560	F2 to F22	161°-32'-32"	341°-32'-32"	395.70
F22	17.45719501111110	80.65769136666670	F22 to F23	162°-22'-59"	342°-22'-59"	234.21
F23	17.45517173055560	80.65833839722220	F23 to F24	162°-23'-59"	342°-23'-59"	289.47
F24	17.45267088888890	80.65913730000000	F24 to F25	218°-51'-59"	38°-51'-59"	188.71
F25	17.45135358055560	80.65800913333330	F25 to F5	219°-05'-34"	39°-05'-34"	399.33
F26	17.44857499166670	80.65561034166670	F5 to F6	260°-28'-57"	80°-28'-57"	59.42
1	17.44849132500000	80.65505775833330	F6 to 1	165°-21'-10"	345°-21'-10"	477.49

7.75 Ha Forest Land (phase - III part 2)

17.46351400277780	80.64942821388890	67 to 12H	63°-37'-07"	243°-37'-07"	491.65
17.46544971111110	80.65359483888890	12H to 11B	42°-41'-49"	222°-41'-49"	935.81
17.47160911666670	80.65963222222220	11B to 63	218°-58'-41"	38°-58'-41"	1102.45
17.46392776944440	80.65302720555560	63 to 64	246°-20'-03"	66°-20'-03"	72.88
17.46366924166670	80.65239609166670	64 to 66	246°-20'-03"	66°-20'-03"	167.06
17.46307662500000	80.65094944444440	66 to 4A4	283°-13'-01"	103°-13'-01"	72.83
17.46323325277780	80.65028345555560	4A4 to 67	288°-19'-52"	108°-19'-52"	96.00

Condition No.(15): The forest land shall not be used for any purpose other than that specified in the proposal.

Compliance: The land is being used for the purpose only for which permission was obtained.

Condition No.(16): Any other condition that the State Government and/or the CCF (Central), Regional Office, Bangalore, may like to impose from time to time for protection and improvement of flora and fauna in the forest area, shall be applicable.

Compliance: SCCL Agree to abide any other condition that the CCF (Central), Regional Office, Bangalore/ State Government may impose from time to time for protection and improvement of flora and fauna in the forest area.

This is for favour of information please.

Yours faithfully

General Manager,
Kothagudem Area.

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

Copy to:

The Regional Officer,
Integrated Regional Office,
Government of India,
Ministry of Environment, Forests & Climate Change
3rd floor, Aranya Bhavan,
Hyderabad – 500004

-- for favour of information please.

The Chief Conservator of Forest, Kothagudem Circle, Kothagudem – for favour of information please

The District Forest Officer, Bhadradri Kothagudem, for favor of information and with a request to submit this inspection report to the Principal Chief Conservator of Forests (Nodal Officer), TS for favor of information.

The Forest Divisional Officer, Kothagudem, for favor of information and with a request to submit this inspection report to the Principal Chief Conservator of Forests (Nodal Officer), TS for favor of information.

Yours faithfully

General Manager,
Kothagudem Area.

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