<u>COMPLIANCE REPORT OF EC OF 0.60 MTPA AT GOURI DEEP OCP, GRANTED PER-MISSION REF NO.J11015/179/2014-IA.II (M) Dated, 13TH MARCH 2015</u>

A. Specific Conditions

S. NO.	Condition	Stati	us of Compliance			
i)	The maximum production from mine at any given time shall not exceed the limit as prescribed in EC	Complied and the production doesn't exceed 0.6 MTPA. Production details for last 5 years is as follows:				
			Year	Production (MTPA)	EC capacity (MTPA)	
		1	2017-18	0.403	0.60	
		2	2018-19	0.60	0.60	
		3	2019-20	0.60	0.60	
		4	2020-21	0.536	0.60	
		5	2021-22	0.60	0.60	
		6	2022-23 (upto Sept 2022)	0.148	0.60	
ii)	The validity of the EC is for the life of the mine or as specified in EIA notification, 2006, whichever is earlier	Noted.				
iii)	Coal Transportation in pit by Dumpers, surface to siding by Tippers and loading to siding by Pay Loaders	The coal transportation in the pit is carried out by dumpers upto surface. From surface to siding, transportation is done through tippers. Payloaders load coal from stock yard to wagons.				
iv)	Toe wall will be constructed with boulder.	The OB dump will be biologically reclaimed and stabilized with native species, as such there will be no siltation and flow of sediments from this dumps. As such construction of Toe wall may not be required. However, retaining wall may be constructed as per requirement.				
v)	Plantation should be made along the boundary of OBD	27000 no of plants have been planted till date.				
vi)	Catch Drains will contiue to be maintained along with adequate plantation so as to arrest any flow of silt and sediments. The balance catch drain of same size for about 400m length will be completed before onset of 2015 monsoon.	Catch drains / garland drains of appropriate sizes have been constructed all around the OB dump to arrest silt and sediments into natural water course. The cross sectional area of catch drain is 2.5 m x 1.7 m. Total length of catch drain is 8.8 km. These catch drains are cleaned before onset of every monsoon.				

	Retaining wall with sand bags and boulder pitching in wire crafts shall be constructed additionally by May 2015e balance catch drain of same size for about 400m length has been completed before onset				
vii)	Assistance to villagers for meeting water requirement shall be rendered as committed.	No shortage of water exists in the area. Villagers will be assisted if shortage occurs.			
viii)	CSR will be continued as per the approved policy of the company and	Noted and is being complied. CSR expenditure last 5 years is as follows:			
	Social audit conducted as per GOI guidelines/notifications	Sr no.	Year	Expenditure (lakhs)	
		1	2017-18	24.04	
		2	2018-19	7.8166	
		3	2019-20	237.35	
		4	2020-21	43.56	
		5	2021-22	2.17	
		6	2022-23	2.368	
ix)	The depth of the void shall be 35 m from the ground level and should be adequate for fishery purpose.	Noted.			
x)	All safety measures shall be taken as per CMR, 1957 and related circulars.	•			
xi)	The production shall be within the same Mining Lease area	The product lease area.	ion is contained v	within the same mining	
xii)	The OB shall be completely rehandled at the end of the mining. The rest of the area will be backfilled upto the ground level and covered with about a meter thick top soil and put to use. The land after mining shall be brought back for agricultural purpose.				
xiii)	Garland drains should be provided	Catch drains / garland drains of appropriate sizes have been constructed all around the OB dump to arrest silt and sediments into natural water course. The cross sectional area of catch drain is 2.5 m x 1.7 m. Total length of catch drain is 8.8 km. These catch drains are cleaned before onset of every monsoon.			

xiv)	Appropriate embankment shall be provided along the side of the river/nallah flowing near or adjacent to the mine.	As the mine surface is above HFL, there is no need of embankment. And there is no river/nallah nearby the mine.			
xv)	The CSR cost should be Rs 5/tonnes of coal produced which should be	Sr no.	Year	Expenditure (lakhs)	
	adjusted as per the annual inflation.	1	2017-18	24.04	
		2	2018-19	7.8166	
		3	2019-20	237.35	
		4	2020-21	47.05	
		5	2021-22	2.17	
		6	2022-23	2.368	
xvi)	Everybody in the core area should be provided with mask for protection against fugitive dust emissions	Dust masks are pmine.	provided to the	workers operating in	
xvii)	Dust mask to be provided to everyone working in the mine area	Dust masks are provided to the workers operating in mine.			
xviii)	The supervisory staff should be periodically responsible for ensuring compulsory regarding wearin of dust mask in the core area.				
xix)	People working in the core area should be periodically tested for the lung diseases and the burden of cost on account of working in the coal mine area.	Every worker in the mine is examined in 5 years-up to the age of 45; the workers who are above 50 years are subjected to periodic medical examination at two and a half years interval.			
xx)	The mining area should be surrounded by green belt having thick canopy of the tree cover.	Noted and will be Complied.			
xxi)	The embankment constructed along the boundary shall be of suitable dimensions and critical patches shall be strengthened by stone pitching on the river front side and stabilised with plantation so as to withstand the peak water flow and prevent mine inundation.	As the mine surface is above HFL, there is no need of embankment. And there is no river/nallah nearby the mine.			
xxii)	There shall be no no overflow of OB into the river and into the agricultral fields and massive plantation of native species shall be taken up in	There is no chance of flow of OB into the river or agricultural fields.			

	the area between the river and the project.	
xxiii)	Ob shall be stacked at one external OB dumpsite(s) only. The ultimate slope of the dump shall not excedd 28 degree. Monitoring and management of existing reclaimed dumpsites shall continue until the vegetation becomes self sustaining. Compliance status shall be submitted to the MoEFCC and its concerned RO on yearly basis.	Excavated OB is now being dumped entirely on surface as external OB Dump at earmarked site The mine is in 5th year of operation only and the external OB dump is in active stage. The total OB removed upto sept 2022 is 19.981 Mm ³ The biological reclamation of external OB dump is yet to start as the same is in active stage. Once the maximum height is attained, the reclamation process will start firstly with technical reclamation like grading, making proper slope. Thereafter, biological reclamation will be taken up.
xxiv)	Catch drains and siltation ponds of appropriate size shall be constructed to arrest the silt and sediment alows from soil, OB and at one external OB dumpsite only. The water so collected shall be utilised for watering the mine area, roads, green belt development etc. The drains shall be regularly desilted and maintained properly. Garland drains (size, gradient and length) and sump capacity shall be designed keeping 50% safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material.	Catch drains / garland drains of appropriate sizes have been constructed all around the OB dump to arrest silt and sediments into natural water course. The cross sectional area of catch drain/length is 2.5 m x 1.7 m of length 8.8 km. These catch drains are cleaned before onset of every monsoon. A sump is constructed at the quarry floor with a capacity 0f 29.95 MG that collects all the silt and sediments from OB benches through "X" drainages. The sump capacity is adequate, considering sudden rain fall and it is sufficient to allow settlemnet of suspended particles. The water pumped out of the mine sump is used for water spraying in the mine premises, roads and also for Green belt development.
xxv)	Dimension of the retaining wall at the toe of the dumps and OB benches within the mine to check run-off and siltation shall be based on the rainfall data.	The OB dump will be biologically reclaimed and stabilized with native species, as such there will be no siltation and flow of sediments from this dumps. As such construction of Toe wall may not be required. However, retaining wall may be constructed as per requirement.
0xxvi)	Crushers at the CHP of adequate capacity for the expansion project shall be operated with high efficiency bag filters, water sprinkling system shall be provided to check fugitive emissions from crushing operations,	Noted and will be complied.

	conveyor system, haulage roads, transfer points, etc.	
xxvii)	Drills shall be wet operated.	Noted and will be complied.
xxviii)	The project authorities shall undertake regular repairing and tarring of roads used for mineral transportation. A 3 tier green belt comprising of a mix of native species shall be developed all along the major roads.	Noted and will be complied. The coal transportation road is 3.8 km. The entire road is black topped. 27000 nos plantation has been done till date in and arond the project. The density of the plantation will be maintained at 2500 plants/ha.
xxix)	Controlled blasting shall be practiced with use of delay detonators and only during daytime. The mitigtaive measures for control of ground vibrations and to arrest the fly rocks and boulders shall be implemented.	Using cord relays to reduce ground vibration and fly rocks.
xxx)	A progressive afforestation plan shall be implemented covering an area of 94.12 ha at the end of mining, which includes reclaimed External OB dump area (94.12 ha), internal OB dump area (33.72 ha), along roads and green belt (3.00 ha) in township located outside the lease by planting native species in consultation with local DFO. The density of the trees shall be around 2500 plants/ha. Massive plantation shall be carried out in open spaces in and around the mine and a 3 tier avenue plantation along the main approach roads to mine.	Noted and will be complied.: 27000 nos plantation has been done till date. The coal transportation road is 3.8 km. The entire road is black topped.
xxxi)	An estimated total of 46.81 Mm3of OB generated during the entire life of the mine. Out of which 22.87 Mm³ of OB will be dumped into two external OB Dumps an ear marked area covering 94.12 ha of land with height of 60 m. The maximum height of External OB dump for hard OB will not exceed 90 m. Maximum slope of the mine shall not exceed 28 degrees.	The mine is in 6th year of operation only and the external OB dump is in active stage. The total OB removed till date is 19.981 Mm ³
xxxii)	The proponent should prepare	The restoration & reclamation plan for degraded

	restoration and reclamation plan for the degraded area. The land be used in a productive and sustainable manner.	area will be in line with the approved EMP.
xxxiii)	Compensatory ecological & restoration of waste land, other degraded land and OB dumps in lieu of breasking open the land be carried out.	The restoration & reclamation plan for degraded area will be in line with the approved EMP.
xxxiv)	The mining should be phased out in sustainable manner. No extra OB dumps are permitted.	The mining will be carried out as per plan. No extra OB dumps will be made.
xxxv)	No groundwater shall be used for mining operations. Application for approval of CGWA for ground water abstraction made on 09/01/2017. Application no: 21-4/686/MH/MIN/2017	NOC for ground water abstraction has been obtained vide CGWA/NOC/MIN/ORIG/2021/12564 valid from 13/08/2021 to 12/08/2023. Copy of NOC enclosed.
xxxvi)	Of the total quarry area of 92.45 ha the backfilled quarry area of 33.72 ha shall be reclaimed with plantation and a void of 58.73 ha at a a depth of 35 m which is proposed to be converted into a wter body shall be gently sloped and the upper benches shall be terraced and stabilised with plantation/afforestation by planting native plant species in consulation with the local DFO. Density shall be 2500 plants per	The restoration & reclamation plan for degraded area will be in line with the approved EMP.
xxxvii)	Regular monitoring of GW level and quality shall be carried out by establishing a network of existing wells and construction of new piezometers Monitoring shall be done 4 times a year. Data is submitted to MOEF and CPCB quarterly with in one month of monitoring.	The groundwater level monitoring is being carried out by CMPDIL, 4 times a year in pre-monsoon (May), Monsoon (August), Post-monsoon (November) and Winter (January) seasons and for quality once in a year. Reports attached
xxxvii i)	The company shall put up artificial GW recharge measures for augmentation of Gw resource in case monitoring indicates a decline in water table.	The nearby villages have no shortage of water, however regular supply of water is ensured in case of scarcity. The groundwater level monitoring has not indicated any decline in water level till date.
xxxix)	STP shall be installed in existing	The existing requirement of residential

	colony. ETP shall also be provided for workshop and CHP wastewater.	accommodation is outside the mine Sasti township is provided with a cashop	lease of gauri dee of capacity 1 ML	ep project. STP at LD. One ETP is	
xI)	Besides carrying out PME of workers, 10% of the workers identified from workforce engaged in active mining opertaions shall be subjected to health check up for occupational diseases and hearing impairment.	Periodical health check-up of mine workers are carried out once in 5 years with the purpose of detecting occupational diseases & hearing impairment. Every worker in the mine is examined in 5 years- up to the age of 45; the workers who are above 50 years are subjected to periodic medical examination at two and a half years interval.			
xIi)	Land oustees shall be compensated as per the norms laid out R & R policy of CIL or National R&R policy whichever is higher	Entire land has been acquired and R & R has been already settled. No house oustees involved. Total Land acquired = 334.13 ha Employment provided=227nos. Total land compensation paid = Rs 27128805.00 Balance with tribunal = Rs 4939555.00			
xIii)	For monitoring land use pattern and for post mining land use, a time series of land use maps, based on satellite imagery(on a scale of 1: 5000) of core zone and buffer zone, from start of project until end shall be prepared once in 3 years and report should be submitted to MoEFCC and its concerned Regional authority.	Noted and is being complied.			
xIiii)	A detailed final mine closure plan along with details of Corpus fund shall be submitted to MoEFCC within 6 months of Environmental clearance	Mine closure plan has been prepared and duly approved by WCL Board. Progressive balance in escrow account as on 31/03/2022 is Rs: 178979600.00 Escrow account No0897107600001072.			
xIiv)	The project authorities shall in consultation with the panchayats of the local villages and administration identify socio-economic and welfare measures under CSR to be carried	The CSR activition consulation with CSR expenditure	the local villagers	s. The details of	
	out over the balance life of the mine.	Sr no.	Year	Expenditure (lakhs)	
		1	2017-18	24.04	
		2	2018-19	7.8166	
		3	2019-20	237.35	
		4	2020-21	47.05	

		5	2021-22	2.17		
		6	2022-23 (upto sept 2022)	2.368		
xIv)	Corporate Environment responsibility:					
	a) The company shall have a well laid down Environment policy approved by the Board of Directors	Complied. Attack	ned			
	b) The Environment polcy shall prescribe for standard operating process/procedures to bring into focus any infringement/deviation/violation of the environmental or Forest	It is being follow	ed			
	norms/conditions.	-/	he cell is headed	• • •		
	c) The hierarchial system or administrative order of the company	reporting to Director (Technical). The team comprises of multi-disciplinary trained executive.				
	to deal with environmental issues and for ensuring compliance with the environmental clearance conditions shall be furnished.	Environment Dep	General Manager l partment & assiste ssistant Managers	ed by GM (oprn)		
	d) to have proper checks and balances, the company shall have a well laid down system of reporting of non-compliances/violations of environmental norms to the Board of Directors of the company and/or shareholders or stake holders at large.	headed by Sub-A Project Nodal Of	ficer (Env) at unit	is assisted by		
	iuigo.	It is being follow	ea.			

B. General Conditions

S. NO.	Condition	Status of Compliance
i)	No change in Mining technology and scope of working shall be made without prior approval of the MOEF & CC	No change in Mining technology envisaged.
ii)	No change in calendar plan of production for quantum of mineral coal shall be made	Noted

iii)	Four ambient air quality monitoring stations shall be established in the core zone as wel as in the buffer zone for PM 10, PM 2.5, SO2 and NOX.	Four ambient air quality monitoring stations are - (i)Manager Office (ii)Mutra village (iii)Goyegaon (iv) Antragaon village and it is in consultation with MPCB, Chandrapur. It is being monitored by CMPDIL regularly. Monitoring reports for the period 01.04.2022 to 30.09.2022 enclosed.
iv)	Data on ambient air quality monitoring and heavy metals such as Hg, As, Ni, Cd, Cr to shall be regularly submitted to Ministry including its concerned Regional office and to SPCB and CPCB once in 6 months.	It is being monitored by CMPDIL regularly. Monitoring reports for the period 01.04.2022 to 30.09.2022.
v)	Adequate measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged with blasting and drilling operations, operation of HEMM etc shall be provided with ear plugs/muffs	Adequate measures are taken for control of Noise pollution. Workers engaged in blasting and drilling operations, operation of HEMM, etc are provided with ear plugs/muffs
vi)	Industrial wastewater (workshop and WW from mine) shall be properly collected, treted so as to conform the prescribed standards	For proper treatment of Industrial wastewater-One ETP of capacity 75 cum./day has been provided in the workshop and 1 nos of Sedimentation tank have been constructed near the mine for treatment of mine pumped out water. The quality of discharge is being monitored so as to ensure compliance of prescribed norms before discharging. Oil and grease traps installed at the WETP.
vii)	Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transporting the mineral shall be covered with tarpaulins and optimally loaded.	Coal transportation vehicles are covered with tarpaulins and are optimally loaded. Vehicular emissions are kept under control PUC certificate for all light & passenger vehicles are taken.
viii)	Monitoring of environmental quality parameters shall be carried out through establishment of adequate number and type of pollution	Monitoring of environmental quality parameters is done by CMPDIL, Nagpur. There is a full fledged NABL accredited Env. Laboratory of CMPDIL. The Monitoring is done through this laboratory at fortnightly interval. Mine has procured a portable

	monitoring and analysis equipment in consultation with the SPCB abd data analysed through a lab recognised under EPA rules, 1986.	testing kit for field monitoring of pH, TDS etc. Monitoring reports for the period 01.04.2022 to 30.09.2022.						
ix)	Personnel working in dusty areas shall wear protective respiratory devices and they shall also be provided with adequate training and information on safety and health aspects.	Protective respiratory devices are provided to workmen exposed to dust area. Workers are also regularly given training on safety and health aspects at VTC (this is the statuatory requirement under mines safety act). Periodical medical examnination of every worker is being done every five years in our area hospital to detect any disease so that the appropriate action can be taken up at project level. Details of IME and PME done at Ballarpur Area is						
		given belo Year	IME (ir	1 1106)	PM	F (in	nos.)	
		Ivai	Acheive		Targ		Acheived	
		2021	953		122		1425	
		2022	857		122		1216	
		is given be	elow:			out a	it Ballarpur	· Area
		Yea	ar	Target	10		eived	
		2021-22		680		592	cived	
		2022-23 Sept 202	(upto 2)	680		440		
x)	surveillance programme of the workers shall be taken	examined the worke periodical as per law Details of	once oings who as medical . The an	a 5 years re above examinated PME	upto 50 y tion a	at B E (in get]	are subjected and a half	years; ed top years
		specified identified	in the M till date.	ine's Rul	es, 1	985 (notifiable	`
xi)	A seperate environmental management cell with suitable qualified personnel shall be setup under the control of Senior Executive, who will	of multi-d General M	to Directo isciplinar Ianager h	or (Techn ry trained leads the	ical) exec Envi	. The cutive ronm	GM (Env) team comp c.At Area lo ent Departr a a 1 Assista	e vel – nent

	report directly to the Head of the company.	Managers of Environment discipline. At Unit Level-Environment Management Cell is headed by Sub-Area Manager and is assisted by Project Nodal Officer (Env) at unit level.
xii)	The funds earmarked for environmental protection measures shall be kept in seperate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the Ministry and its concerned RO	The funds earmarked for environment protection measures are kept in seperate account and it is not used for any other purpose. Expenditures statement are shown in every six monthly compliance reports sent to MoEF&CC
xiii)	The project authorities shall advertise at least in 2 local newspapers widely circulated around the project, one of which shall be in the vernacular language of locality concerned within 7 days of the clearance letter informing that the project has been accorded environmental clearance and a copy of EC is available at SPCB and may also be seen at website of MoEFCC.	Complied. LOKMAT (Marathi) on 21-03-2015 HITAVADA (English) on 21-03-2015
xiv)	A copy of EC letter shall be marked to concern Panchayat/zila parishad, Municipal Corporation or Urban local body and local NGO, if any, from whom any suggestion./representation has been recieved while processing the proposal.	The environment clearance copy has been sent to panchayat but no suggestion has been received.
xv)	A copy pf EC letter shall also be displayed on website of the concerned SPCB. The EC letter shall also be displayed at Regional Office, district industry sector and Collector's Office/Tehsildar's Office for 30 days.	
xvi)	The clearance letter shall be uploaded on the company's website. The compliance status of the stipulated environmental clearance conditions shall also	

	be uploaded by the project authorities on their website and updated at least once every six months so as to bring the same in public domain. The monitoring data of environmental quality parameter and critical sectoral parameters shall also be displayed at the entrance of the project premises and mine office and in corporate office and on company's website.	http://westerncoal.nic.in/?q=node/271
xvii)	The project proponent shall be submit six monthly compliance reports on status of Complaince of the stipulated EC conditions (both in hard copy and email) to the respective Regional Office of Ministry, respective Zonal offices of CPCB and SPCB.	Noted and will consistently comply.
xviii)	The regional office of this ministry located in the region shall monitor compliance of the stipulated conditions. The project authorities shall extend full co-operation to the office(s) of the Regional Office by furnishing the requisite data/information/ monitoring reports	Noted
xix)	The environment statement for st each financial year ending 31 March in Form-V is mandated to be submitted by the project proponent for the concerned SPCB as prescribed under the EP Rules, 1986, as asmended subsequently, shall also be uploaded on the company's website along with status of compliance of EC conditions and shall be sent to the respective Regional offices of the MoEF&CC by e-mail.	The Form V of the project for the year 2021-22 has been submitted to MPCB before 30.09.2022 via EC MPCB portal.
6	The proponent shall abide by the commitments and	Noted and will be complied

	recommendations made in EIA/EMP report so also during their presentation to EAC.	
7	The commitment made by the proponent to the issue raised during the Public Hearing shall be implemented by the proponent.	This project has been covered u/s 7 (ii) with exemption from Public Hearing
8	The proponent is required to obtain all necessary clearances that may be required before the start of project.	Noted and will be followed.
9	The Ministry or any other competent authority may stipulate any further condition for environmental protection	Noted.
10	The proponent shall setup an Environment Audit Cell with responsibility and accountability to ensure implementation of all EC conditions.	A team for Internal Monitoring of compliances of Environment clearance conditions have been set up which comprises of: 1. Area Nodal Officer [Env], Ballarpur Area. 2. S.O. Civil, Ballarpur Area 3. Area Finance Manager, Ballarpur Area. 4. S.O. Mining, Ballarpur Area. 5. Area Survey Officer, Ballarpur Area.
11	Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and may attract action under the provisions of EPA, 1986.	Noted.
12	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, The environment (Protection_ Act, 1986 and the Public Liability	Noted and will be followed.

	Insurance Act, 1991 along with	
	their amendments and Rules.	
	The proponent shall ensure to	
	undertake and provide for the	
	costs incurred for taking up	
	remedial measures in case of	
	soil contamination,	
	contamination of groundwater	
	and surface water, and	
	coccupational and other	
	diseases due to the mining	
	operations	
13		Noted.
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1	*	
	days as prescribed under section	
	days as prescribed under section 16 of NGT Act, 2010	
	•	
14	16 of NGT Act, 2010 This EC supersedes the earlier	Noted.
14	16 of NGT Act, 2010 This EC supersedes the earlier EC, vide letter no. Letter J-	
14	16 of NGT Act, 2010 This EC supersedes the earlier	
13	operations Any appeal against this EC shall lie with the NGT, if preferred, with in a period of 30	Noted.