



सत्यमेव जयते

File No.: J-11015/159/2015-IA-II(M)
Government of India
Ministry of Environment, Forest and Climate Change
IA Division



Dated 08/03/2024



To,

The General Manager
M/s MAHANADI COALFIELDS LIMITED
MCL BASDUNDHARA AREA , Balinga, SUNDARGARH, ODISHA, Basundhara Area, 770076
cgm-basa.mcl@coalindia.in

Subject: Proposal for amendment in EC granted to Garjanbahal OCP Expansion Villages: Garjanbahal, Tumulia, Balinga, Karlikachhar, Bankibahal and Bangurkela Tehsil : Himgir District : Sundergarh State, Odisha by M/s Mahanadi Coalfields Limited- Amendment in EC- Regarding

Sir/Madam,

This is in reference to your application submitted to MoEF&CC vide proposal number IA/OR/CMIN/445687/2023 dated 31/01/2024 for grant of an amendment in prior Environmental Clearance (EC) to the project under the provision of the EIA Notification 2006-and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC23A0101OR5230197A
(ii) File No.	J-11015/159/2015-IA-II(M)
(iii) Clearance Type	Amendment in EC
(iv) Category	A
(v) Schedule No./ Project Activity	1(a) Mining of minerals
(vi) Sector	Coal Mining
(vii) Name of Project	Garjanbahal OCP Expansion
(viii) Location of Project (District, State)	SUNDARGARH, ODISHA
(ix) Issuing Authority	MoEF&CC
(x) EC Date	31/01/2024
(xii) Applicability of General Conditions	NO
(xiii) Status of implementation of the project	

3. Ministry has granted EC to M/S MCL for Garjanbahal OCP under 7 (ii) in two phases i.e from 13 to 15.6 MTPA vide dated 14.02.2022. & from 15.6 MTPA to 18.2 MTPA vide dated 09.03.2022 with one year EC validity. Further, a mendmnet in EC dated 14.02.2022 was also granted vide letter dated 12.01.2023. Ministry vide EC amendment letter dated 12.01.2023, inter-alia, stipulated following two EC conditions:

Specific Condition 4 (ii): PP shall implement in-pit conveyor system with silo loading facility till railway siding and no road transportation shall be allowed after October 2023 and accordingly SPCB shall not grant CTO for road transportation after October 2023.

Specific Condition 4 (iii): shall deploy only 40-50 tonnes covered trucks/dumpers to reduce fleet size till rapid loading system and conveyor belt system is commenced. (i.e.. Till October, 2023).

And vide EC dated 09.03.2023, stipulated following EC conditions:

Specific Condition 4 (ii) The project proponent shall submit the integrated NIT for Kulda and Garjanbahal mines before June 2023 and start the groundwork by Dec 2023 for implementing conveyor belt from Inpit to railway siding as per undertaking provided by Director (Tech/P&P) accordingly the CTO shall be issued by SPCB.

Specific Condition 4 (vi) The PP shall start the ground construction work for Inpit belt conveyor system after completing all the necessary procedures by Dec 2023.

4. M/s Mahanadi Coalfields Limited for Garjanbahal OCP has made an online application vide proposal no. IA/OR/CMIN/445687 dated 31.01.2024 in respect of Garjanbahal Opencast Project and sought amendment in above EC conditions including amendment in EC validity.

5. The above-mentioned proposal was considered by Expert Appraisal Committee (EAC) in its meeting held on 12/02/2024. Proposal for an amendment was deliberated in length by the EAC including CCR on EC conditions. EAC based on information, clarifications/ justification on the amendment sought in EC conditions, CCR report vis-à-vis timeline to comply the EC conditions, provided by the project proponent and after detailed deliberations recommended the following amendments in EC (dated 14.02.2023 & 09.03.2023) subject to compliance of additional conditions as mentioned in Annexure 1. The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed from the PARIVESH portal by scanning the QR Code above

Amendments:1 EC letter dtd. 12-01-23 for 15.6 Mty	
EC Condition	Recommendation of the EAC in 7th meeting
Point no: 4(ii) <i>PP shall implement in-pit conveyor system with silo loading facility till railway siding and no road transportation shall be allowed after October 2023 and accordingly SPCB shall not grant CTO for road transportation after October 2023.</i>	EC condition: Point no: 4(ii) shall be read as: <i>PP shall implement in-pit conveyor system with silo loading facility access up to railway siding in the outlined phases as proposed and committed by PP and no road transportation shall be allowed after July-2025. SPCB shall not grant CTO for road transportation after July 2025.</i>

Amendment 2: EC letter dtd. 12-01-23 for 15.6 Mty	
EC Condition	Recommend by EAC
Point no: 4(iii) <i>PP shall deploy only 40-50 tonnes covered trucks/dumpers to reduce fleet size till rapid loading system and conveyor belt system is commenced. (i.e.. Till October, 2023).</i>	EC condition: Point no: 4(iii) shall be read as: <i>PP shall deploy only 40-50 Tonne covered trucks/dumpers to reduce fleet size in a phased wise manner (i.e till July 2025).</i>

Amendments:3 EC letter dtd. 09-03-23 for 18.2 Mty	
EC Condition	Recommend by EAC
Point no: 4(ii) <i>The project proponent shall submit the integrated NIT for Kulda and Garjanbahal mines before June 2023 and start the groundwork by Dec 2023 for implementing conveyor belt from Inpit to railway siding as per undertaking provided by Director (Tech/P&P) accordingly the CTO shall be issued by SPCB.</i>	EC condition: Point no: 4(ii) shall be read as: Groundwork for the integrated pipe conveyor from the mines shall start by Apr'2023 Groundwork for Integrated pipe conveyor form Kulda-Garjanbahal Inpit to Sardega shall be started by April,2024. Accordingly, CTO shall be issued by SPCB.
Point no: 4(vi) <i>The PP shall start the ground construction work for Inpit belt conveyor system after completing all the necessary procedures by Dec 2023.</i>	EC condition: Point no: 4(vi) shall be read as: <i>The PP shall start the ground construction work for Inpit belt conveyor system after completing all the</i>

necessary procedures by April 2024.

Amendment:4 EC letter dtd. 09-03-23 for 18.2 Mty		
Details in EC	Recommended by EAC	
Para 4 EC validity	The Expert Appraisal Committee in its 40th EAC meeting held during 16-17 Feb 2023 through physical mode has recommended the project for grant of Environment Clearance (EC). Based on recommendations of the EAC, Ministry of Environment, Forest and Climate Change hereby accords approval for Environment Clearance for 1 year to Expansion of Garjanbahal OCP mine for increase in production capacity from 15.6 MTPA to 18.2 MTPA (peak) in land area of 653.83 ha of Mahanadi Coalfields Ltd located at Sundargarh district of Odisha... ” subject to compliance of the additional specific conditions as listed in the EC letter.	<i>The EC is valid for the project life as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier subject to completion of in pit belt conveyor system by July 2025. PP shall submit the revised mining plan to concerned RO, in case life of mine increases/decreases from 11 years due to change in reserve or production level.</i>

6. The MoEF&CC has examined the proposal in accordance with the provisions of the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and based on the recommendations of the Expert Appraisal Committee hereby accords amendments in EC (dated 14.02.2023 & 09.03.2023) (refer para 5 above) and extension of validity of EC (w.e.f 8/3/2024) to M/S MCL for Garjanbahal OCP, subject to compliance of additional conditions as mentioned in Annexure 1 and EC conditions stipulated in previous EC letters.

7. This issues with the approval of the Competent Authority.

Copy To

1. The Secretary, Ministry of Coal, Shastri Bhawan, New Delhi.
2. The Additional Principal Chief Conservator of Forests, Regional office (EZ), Ministry of Environment & Forests, A-31, Chandershekharpur, Bhubaneswar- 751023 (Odisha).
3. The Secretary, Department of Environment & Forests, Government of Orissa, Secretariat, Bhubaneswar (Odisha).
5. The Chairman, Orissa State Pollution Control Board, Parivesh Bhawan, A/118, Nilkanthanagar, Unit VIII, Bhubaneshwar - 751012 (Odisha).
6. District Collector, Sundargarh, Government of Odisha.
7. Monitoring File

Annexure 1

Specific EC Conditions for (Mining Of Minerals)

1. Additional Specific Conditions:

S. No	EC Conditions
1.1	<i>PP shall submit an action taken report against the CCR dated 1/02/2024 to concerned Regional Office and get the ATR closed before Dec,2024. Except the condition for which extension of time is granted.</i>
1.2	<i>EC is valid for the project life as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier subject to</i>

S. No	EC Conditions
	<i>completion of in pit belt conveyor system by July 2025. PP shall submit the revised mining plan to concerned RO, in case life of mine increases/decreases from 11 years due to change in reserve or production level. PP shall ensure that no mining operation shall be carried out without a valid EC.</i>
1.3	<i>PP shall get the Basundara River conservation plan approved by the concerned authority.</i>
1.4	<i>The Committee observed that “Audit of Plantation Green Cover Mapping and Assessment of Above Ground Biomass and Carbon Sequestration in the Plantation site of Garjanbahal OCP” shall be conducted by recognized institute such as ICFRE for the same. The recommendation of the same shall be submitted to the Ministry along with action plan and budgetary requirement for completion of the same.</i>
1.5	<i>PP shall seek quotations from the manufactures for installation of solar light fulfilling the illumination criteria of DGMS.</i>

