

POWERPLUS TRADERS PRIVATE LIMITED

(Joint Venture of Orissa Metaliks Pvt Ltd, Rashmi Cement Ltd & Shyam Steel Manufacturing Ltd)

CORPORATE OFFICE: PREMLATA BUILDING, 39 SHAKESPEARE SARANI, 6TH FLOOR, KOLKATA-700017, INDIA

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E-mail: powerplustrade@gmail.com

CIN: U10100WB2012PTC183435

Letter No. PTPL/JAG-B/EC-Com.Rep/Dec 2024

Date: 30 /11/2024

To,

a) Regional Office,

Ministry of Environment, Forests & Climate Change, Bhubaneswar
A/3 Chandersekharpur,
Bhubaneswar – 751023, Odisha

b) Sub Office, Kolkata

Regional Office, Bhubaneswar,
Ministry of Environment, Forest and Climate Change,
IB-198, Sector-III, Salt Lake City,

Sub: Six Monthly (December-2024) Compliance Report (Period: April 2024 to September 2024) for “Jaganathpur-B Underground Coal Mine” by “Powerplus Traders Private Limited”.

Ref.: Environmental Clearance Identification No. EC22A042WB110977 dated 01/09/2022 issued vide File No. IA-J-11015/27/2021-IA-II(M)

Dear Sir,

With reference to the above subject we would like to inform you that we have obtained Environment Clearance vide Environmental Clearance Identification No. EC22A042WB110977 issued vide File No. IA-J-11015/27/2021-IA-II(M) dated 01/09/2022 for “Jaganathpur-B Underground Coal Mine” having production capacity of 0.8MTPA/1.2MTPA (Normative/Peak) and mine lease area of 856.68 ha, located at JL No- 4 to 11, 13 of PS: Kanksa, J.L. No.-7 to 9, 25 to 27 of P.S.: Faridpur-Durgapur, in villages Sandipur, Basudevpur, Binodpur, Rajhat, Sashipur, Dubrajpur, Majhidanga, Dandeswarpur, Ranipur, Shyamsunderpur, Jot Balarampur, Shrikrishnapur, Amdahi, Jagannathpur, Kalinagar, Tehsil: Faridpur-Durgapur and Kanksa, in Paschim Bardhaman District of West Bengal State.

The project is not operational and after obtaining CTE from WBPCB development works for underground mining purpose was started , but due to technical issue it is kept on halt.

Here, we would like to inform that the last six monthly compliance report for the period October, 2023-March, 2024 was submitted to concerned department vide mail & letter no- PTPL/JAG-B/EC-Com.Rep/June 2024 dated 24.05.2024 on parivesh portal vide Compliance ID: 69620862 dated 24.05.2024.

We assure that we will comply all the conditions laid down in the consent letter and also abide to follow all the Rules & Regulations.

Hope you will find the same in order.

Thanking You

Your Sincerely

For **Powerplus Traders Private Limited**





Authorized Signatory

C.C:- The Member Secretary, West Bengal Pollution Control Board, Parivesh Bhawan, 10A Block-LA, Sector-III, Kolkata, West Bengal

Encl:-

1. Half Yearly Environmental Clearance Compliance Report

EC COMPLIANCE REPORT-DECEMBER 2024

(Period: April, 2024 to September, 2024)

Of

ENVIRONMENTAL CLEARANCE

Granted by Ministry of Environment Forest & Climate Change (MoEF&CC)

vide EC identification no. EC22A042WB110977 dated 01/09/2022

issued vide File No-IA-J-11015/27/2021-IA-I II (M)

FOR

JAGANATHPUR-B UNDERGROUND COAL MINE

Located at

JL No- 4 to 11, 13 of PS: Kanksa,
J.L. No.-7 to 9, 25 to 27 of P.S.: Faridpur-Durgapur,
in Villages Sandipur, Basudevpur, Binodpur, Rajhat, Sashipur,
Dubrajpur, Majhidanga, Dandeswarpur, Ranipur,
Shyamsunderpur, Jot Balarampur, Shrikrishnapur, Amdahi,
Jagannathpur, Kalinagar, Tehsil: Faridpur-Durgapur and
Kanksa, District: Paschim Bardhaman
State: West Bengal

Production Capacity: 0.8 MTPA/ 1.2 MTPA (Normative/Peak)

Mine Lease Area: 856.68 ha

Name of Project Proponent

M/S POWERPLUS TRADERS PVT. LTD.

Registered Office: Premlata Building, 39 Shakespeare

Sarani, 6th Floor, Kolkata-700017



Your (Half Yearly Compliance Report) has been Submitted with following details

Proposal No	IA/WB/CMIN/210433/2021
Compliance ID	113003800
Compliance Number(For Tracking)	EC/M/COMPLIANCE/113003800/2024
Reporting Year	2024
Reporting Period	01 Dec(01 Apr - 30 Sep)
Submission Date	30-11-2024
RO/SRO Name	ARTATRANA MISHRA
RO/SRO Email	jhk109@ifs.nic.in
State	WEST BENGAL
RO/SRO Office Address	Integrated Regional Offices, Kolkata

Note:- SMS and E-Mail has been sent to ARTATRANA MISHRA, WEST BENGAL with Notification to Project Proponent.

[Back](#)

View Half Yearly Compliance Report at Project Proponent

Proposal Details

Proposal No	IA/WB/CMIN/210433/2021	Category	Coal Mining
Name of Project	Jaganathpur-B Underground Coal Mine		
Plot / Survey/ Khasra No.		Village(s)	
Sub-District(s)			
State	WEST BENGAL	District	PASCHIM BARDHAMAN
MoEF File No	IA-J- 11015/27/2021-IA-II(M)	Name of the Entity/ Corporate Office	Powerplus Traders Private Limited
Entity's PAN	*****6899K		
Entity Name as per PAN	POWERPLUS TRADERS PRIVATE LIMITED	Entity details mentioned above is correct ?	Agree

Covering Letter

Covering Letter [Click to View](#)

Compliance Reporting Details

Reporting Year	2024	Reporting Period	01 Dec(01 Apr - 30 Sep)
Remark(if any)	Six Monthly Environmental Clearance Compliance Report		

Details of Production and Project Area

Date of Commencement of Project/Activity 18-10-2022

Project Area as per EC Granted(ha.)	Actual Project Area in Possession(ha.)
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Private	0	0
Revenue Land	0	0
Forest	0	0
Others	856.68	40
Total	856.68	40

Land Documents NA

Sr.No.	Name of the Product	Units	As per EC Granted	As per CTO Granted	CTO ID	Valid Up To	Production during last financial year
1	Coal	Million Tons per Annum (MTPA)	0.8 (Normative)/1.2 (Peak)	CTO Not obtained yet	CTO Not obtained yet	null	0

Conditions

Specific Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance, Remarks / Reason and Supporting Documents	
1	Statutory compliance	PP to obtain the CTO for 0.8/1.20 MTPA capacity after grant of EC.	PPs Submission	Agreed and Being Complied. Consent to Establish (CTE) has been obtained from West Bengal Pollution Control Board (WBPCB) vide NOC No- 172012 dated 18.10.2022 issued vide memo no. 525-2N-11/2022(E). We will obtain Consent to Operate before starting of the coal production. Copy of the CTE is already submitted to competent authority in EC compliance (Dec-2022) vide letter no- PTPL/JAG-B/EC-Com.Rep/Dec 2022 dated 24.11.2022. Sure to technical issue work at site is halted. Partially Complied 29-11-2024 Attachment:NA
2	Statutory compliance	PP shall obtain No Objection Certificate from Central Ground Water Authority for extraction of ground water within six	PPs Submission	Complied In the state of West Bengal, ground water extraction is not being regulated by Central Ground Water Authority (CGWA) as per notification of Ministry of Jal Shakti Gazette notification

		months and submitted to IRO, Ranchi.		vide S.O. No. 3289(E) dated 24th Sept.,2020. The No Objection Certificate has been taken from component authority i.e. State Water Investigation Department, West Bengal (SWID) for extractions of ground water vide their permit no. P220900800492000001TSE dated 30-11-2021. Copy of GW Abstraction NOC from SWID is already submitted to competent authority in EC compliance (Dec-2022) vide letter no- PTPL/JAG-B/EC-Com.Rep/Dec 2022 dated 24.11.2022. Complied 29-11-2024 Attachment:NA
3	Statutory compliance	PP to complete the estimated allocated budgetary expenditure for EMP capital cost of Rs. 41.52 Cr & Recurring cost of Rs. 9.26 Cr per year as per its letter no PTPL/JAG-B/EC-Delhi/03/22-23 dated 26.07.2022. Further capital cost for environmental monitoring is Rs. 300 Lakhs and recurring cost is Rs. 157.00 Lakhs/year Capital EMP budget shall be completed within strict timeline.	PPs Submission	Agree and being complied in a time bound manner in parallel with implementation of the project. Environmental Monitoring has been done by the NABL/WBPCB/MoEFCC Accredited Laboratory. Being Complied 29-11-2024 Attachment:NA
4	Statutory compliance	PP shall develop 2 nos. of rain water harvesting pond (100 m, width will be 10 m and the depth will be 3 m) as proposed by PP near the villages in consultation with Gram Panchayat within 1 year. Also, Indicator aquatic species shall be planted in this water bodies to see the environmental quality. PP shall own water bodies/pond currently present in	PPs Submission	Agreed and will be complied. Agreed to Comply 29-11-2024 Attachment:NA

		project area, maintain and regularly monitor the quality for its long term protection.		
5	Statutory compliance	PP shall to implement Water distribution system in Binodpur, Sashipur, Rajhat, Jot Balrampur villages with an estimate Cost of Rs. 185.7065 Lakhs as in Letter no. PTPL/JAG-B/EC-Delhi/03/22-23 dated 26.07.2022. A proper water distribution network shall be devised to meet the demands of formers related to irrigation and recharging of ponds, wherever required.	PPs Submission	Agreed and will be complied Water distribution system will be implemented in parallel with implementation of the project Agreed to Comply 29-11-2024 Attachment:NA
6	Statutory compliance	PP shall explore the use of Ukhra Railway siding or Durgapur Railway siding for coal transportation in future and coal transportation through road shall be stopped accordingly. A report in this regard to be submitted to IRO within 1 year to justify the adequacy.	PPs Submission	Agreed Durgapur railway siding will be used for transportation of coal. Coal transported via road from mine site to railway siding will be through covered vehicles. Agreed to Comply 29-11-2024 Attachment:NA
7	Statutory compliance	PP shall install ~191 water sprinklers for dedicated road from mining to Deul and 100 number along the separate transportation route as per Letter no. PTPL/JAG-B/EC-Delhi/03/22-23 dated 26.07.2022. In addition, 5 nos of fog cannons of at least 40 mtrs throw shall be installed at coal storage yard and in nearby villages.	PPs Submission	Agreed Water sprinklers and fog canons will be installed in parallel with operation of mine to reduce the fugitive dust emission. Agreed to Comply 29-11-2024 Attachment:NA

8	Statutory compliance	PP shall transport the coal by trucks of fleet size 35-40 tons and no village road shall be used for transportation of coal.	PPs Submission	Agreed Transportation of coal will be done by trucks of fleet size 35-40 tons and no village road will be used for transportation of coal during coal production phase. Agreed to Comply 29-11-2024 Attachment:NA
9	Statutory compliance	PP shall maintain at least 10 mtrs width tree plantation of broad leaves and wind break/green-shield of about 10 mts height along the boundary of coal storage yard.	PPs Submission	Being Complied with. Greenbelt being developed in parallel with construction/development of the project. In financial year 2023-24 total 23000 nos of saplings has been planted and total survival trees are 16000 nos with 69 percentage survival rate. Being Complied 29-11-2024 Attachment:NA
10	Statutory compliance	PP to plant additional 1,00,000 plants with three tier plantation along the transportation route, if not completed, and identified areas with consent to the gram panchayat within two year and plant for remaining within 2 years for their proper growth in additional already committed to plant to plantation in 8.49 ha project area.	PPs Submission	Being complied with 23,000 nos. of survival saplings of native species with 69percentage survival rate. For greenbelt development dedicated manpower is engaged for regular monitoring and gap filling. We are regularly planting trees, status of the same will be given in next compliance period. Being Complied 29-11-2024 Attachment:NA
11	Statutory compliance	PP shall follow the recommendation of subsidence study and monitor the degree of subsidence regularly and shall be submitted to IRO-Ranchi.	PPs Submission	Agreed, we will follow the recommendation of subsidence study and monitor the degree of subsidence regularly and same will be informed to IRO Kolkata. Agreed to Comply 29-11-2024 Attachment:NA
12	Statutory compliance	PP to accomplish the recruitment of a full - fledged qualified manpower with Environmental Engineer/	PPs Submission	Complied with. Full - fledged qualified manpower with Environmental Engineer degree background in Environment Management Cell is already

		Environment Science degree background in Environment Management Cell etc. within six months and same shall be reported to IRO, MOEF&CC.		recruited. Organizational structure for environment management is already submitted to competent authority in EC compliance (Dec-2022) vide letter no- PTPL/JAG-B/EC-Com.Rep/Dec 2022 dated 24.11.2022. Complied 29-11-2024 Attachment:NA
13	Statutory compliance	PP to fulfil all the commitment made to address the public hearing (Total amount of Rs. 473 lakhs to be completed within three years as in EIA) issued in time bound manner as committed in EIA EMP report and a progressive report to be furnished to IRO with every six monthly compliance report.	PPs Submission	Being complied with. All the commitment made to address the public hearing being adhered in time bound manner. In current financial year 2024-25 till October amount of Rs. 6.20 Lac has been spent on distribution of dustbins, school bags, and others social activities under CSR/CER. Being Complied 29-11-2024 Attachment:NA
14	Statutory compliance	PP shall implement Effluent Treatment Plant for wastewater generated from workshop and Sewage Treatment Plan (of MBR technology as proposed) for its colony. No untreated water shall be discharged from mine boundaries to ponds / nallah / river.	PPs Submission	Agreed, water treatment plant for wastewater generated from workshop and domestic sewage will be constructed. No untreated water will be discharged from mine boundaries to ponds / nallah / river. Agreed to Comply 29-11-2024 Attachment:NA
15	Statutory compliance	PP to maintain the transportation road properly to minimize the dust emission. PP to also develop pucca/concrete roads by seeking consent from the panchayat with widening of roads especially roads inter linking the villages within the study area	PPs Submission	Agreed Water sprinklers will be installed along the road to reduce fugitive dust emission. Widening of roads and development of pucca/concrete roads in consultation with gram panchayat will be carried out in a time bound manner, if required. Agreed to Comply 29-11-2024 Attachment:NA

		of 10 km radius buffer zone.		
16	Statutory compliance	PP to monitor the water quality of the ground water and surface water body located within the core zone and 5 km radius from the periphery of the mine boundary as per procedure laid down by CPCB.	PPs Submission	Being Complied The monitoring of ground and surface water quality has been carried out by the NABL accredited environmental laboratory. All the parameters are found within the prescribed limit. Being Complied 29-11-2024 Attachment:NA
17	Statutory compliance	PP to install 1 continuous ambient air quality monitoring stations at suitable locations preferably village side with consultation of SPCB. The real time data so generated shall be uploaded on company website and linked it with website of CPCB & SPCB. In addition, data should also be displayed digitally at entry and exit gate of mine lease area for public display.	PPs Submission	Being complied with. Continuous Ambient Air Quality Monitoring Station (CAAQMS) is installed at the designation site after getting site approval from WBPCB. Also data is being displayed digitally at entry and exit gate of mine lease area for public display. Being Complied 29-11-2024 Attachment:NA
18	Statutory compliance	PP must explore innovative technology to recover methane from gases extracted from underground mine while venting.	PPs Submission	Noted and the condition will be explored in future for its feasibility. Agreed to Comply 29-11-2024 Attachment:NA
19	Statutory compliance	PP to install solar lights along the road used for transportation of minerals to avoid the accidents at night and also seek its maintenance. PP is asked to also identify the rural areas for installation of solar light with its maintenance within the study area of 10	PPs Submission	Agreed We will install solar lights along the road and in rural areas identified as per Need based assessment and SIA in various villages i.e. Nababpur, Shrikrishnapur, Amdahi, Sandipur, Baidyanathpur. Agreed to Comply 29-11-2024 Attachment:NA

		km radius buffer zone within one year.		
20	Statutory compliance	<p>Proponent shall appoint an Occupational Health Specialist for Regular and Periodical medical examination of the workers engaged in the Project and maintain records accordingly; also, Occupational health check - ups for workers having some ailments like BP, diabetes, habitual smoking, etc. shall be undertaken once in six months and necessary remedial/preventive measures taken accordingly.</p> <p>The Recommendations of National Institute for ensuring good occupational environment for mine workers shall be implemented. The prevention measure for burns, malaria and provision of anti- snake venom including all other paramedical safeguards may be ensured before initiating the mining activities.</p>	PPs Submission	<p>Being complied. Being Complied 29-11-2024 Attachment:NA</p>
21	Statutory compliance	<p>Persons of nearby villages shall be given training on livelihood and skill development to make them employable with its proper records.</p>	PPs Submission	<p>Agreed Training on livelihood and skill development to nearby villagers employable will be given during development and operation phase under CER/ CSR scheme. Agreed to Comply 29-11-2024 Attachment:NA</p>
22	Statutory compliance	<p>The illumination and sound at night at project sites disturb the villages in respect of both</p>	PPs Submission	<p>Being Complied with. The noise level at project site is within the prescribed limits for day light/ night hours by taking various mitigative measures. In order to</p>

		<p>human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/ night hours.</p>	<p>ensure the effectiveness of mitigative measures the monitoring of noise level has been done by NABL Accredited Laboratory and found the noise level within the prescribed limit. Being Complied 29-11-2024 Attachment:NA</p>	
23	Statutory compliance	<p>PP shall pay to farmers of agricultural land if there is any loss due to pollution found by concerned District Commissioner as per extent rules or norms. PP should establish in house (at project site) environment laboratory for measurement of environment parameter with respect to air quality and water (surface and ground). A dedicated team to oversee environment management shall be setup which should be comprise of Environment Engineers, Laboratory chemist and staff for monitoring of air, water quality parameters on routine basis. Any non-compliance or infringement should</p>	PPs Submission	<p>Agreed A dedicated team to oversee environment management is being set up for monitoring of air, water quality parameters on routine basis. Any non-compliance or infringement will be reported to the concerned authority. Agreed to Comply 29-11-2024 Attachment:NA</p>

		be reported to the concerned authority.		
24	Statutory compliance	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non- forest purpose involved in the project.	PPs Submission	Not applicable, as coal washery project is not proposed. Not Complied 29-11-2024 Attachment:NA
25	Statutory compliance	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	PPs Submission	Not applicable, as coal washery project is not proposed. Not Complied 29-11-2024 Attachment:NA
26	Statutory compliance	The project proponent shall prepare a Site - Specific Conservation Plan / Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site - Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six - monthly compliance report. (incase of the presence of schedule - I species in the study area).	PPs Submission	Not applicable, as coal washery project is not proposed. Not Complied 29-11-2024 Attachment:NA
27	Statutory compliance	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the	PPs Submission	Not applicable, as coal washery project is not proposed. Not Complied 29-11-2024 Attachment:NA

		Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board / Committee.		
28	Statutory compliance	The project proponent shall obtain the necessary permission from the Central Ground Water Authority.	PPs Submission	Not applicable, as coal washery project is not proposed. Not Complied 29-11-2024 Attachment:NA
29	Statutory compliance	Solid waste / hazardous waste generated in the washery needs to addressed in accordance to the Solid Waste Management Rules, 2016/ Hazardous & Other Waste Management Rules, 2016.	PPs Submission	Not applicable, as coal washery project is not proposed. Not Complied 29-11-2024 Attachment:NA
30	Statutory compliance	Coal beneficiation practices shall be carried out under strict adherence to provisions of the Factories Act, 1957 and subordinate legislations made there under.	PPs Submission	Not applicable, as coal washery project is not proposed. Not Complied 29-11-2024 Attachment:NA
31	AIR QUALITY MONITORING AND PRESERVATION	Adequate ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for monitoring of pollutants, namely particulates, SO ₂ and NOx. Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive receptors in consultation with the State Pollution Control Board. Monitoring of heavy	PPs Submission	Not applicable Not Complied 29-11-2024 Attachment:NA

		metals such as Hg, As, Ni, Cd, Cr, etc. carried out at least once in six months.		
32	AIR QUALITY MONITORING AND PRESERVATION	<p>Continuous ambient air quality monitoring stations as prescribed in the statute be established in the core zone as well as in the buffer zone for monitoring of pollutants, namely PM10, PM2.5, SO₂ and NOx. Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets in consultation with the State Pollution Control Board.</p> <p>Online ambient air quality monitoring stations may also be installed in addition to the regular monitoring stations as per the requirement and/or in consultation with the SPCB. Monitoring of heavy metals such as Hg, As, Ni, Cd, Cr, etc. to be carried out at least once in six months.</p>	PPs Submission	Not applicable Not Complied 29-11-2024 Attachment:NA
33	AIR QUALITY MONITORING AND PRESERVATION	<p>Transportation of coal by road shall be carried out by covered trucks/conveyors. The transportation of clean coal and rejects shall be by rail with wagon loading through silo. Effective measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of</p>	PPs Submission	Not applicable Not Complied 29-11-2024 Attachment:NA

		<p>particulates such as roads , belt conveyors , loading / unloading and transfer points . Fugitive dust emissions from all sources shall be controlled at source. It shall be ensured that the ambient air quality parameters conform to the norms prescribed by the Central / State Pollution Control Board.</p>		
34	AIR QUALITY MONITORING AND PRESERVATION	<p>All approach roads shall be black topped and internal roads shall be concreted. The roads shall be regularly cleaned. Coal transportation shall be carried out by covered trucks.</p>	PPs Submission	<p>Not applicable Not Complied 29-11-2024 Attachment:NA</p>
35	AIR QUALITY MONITORING AND PRESERVATION	<p>Covered trucks shall be engaged for mineral transportation outside the washery up to the railway siding, shall be optimally loaded to avoid spillage en-route. Trucks shall be adequately maintained and emissions shall be below notified limits.</p>	PPs Submission	<p>Not applicable Not Complied 29-11-2024 Attachment:NA</p>
36	AIR QUALITY MONITORING AND PRESERVATION	<p>Facilities for parking of trucks carrying raw material from linked mine shall be created within the unit.</p>	PPs Submission	<p>Not applicable Not Complied 29-11-2024 Attachment:NA</p>
37	AIR QUALITY MONITORING AND PRESERVATION	<p>Vehicular emissions shall be kept under control and regularly monitored. The vehicles having 'PUC' certificate from authorized pollution testing centres shall be deployed for washery operations.</p>	PPs Submission	<p>Not applicable Not Complied 29-11-2024 Attachment:NA</p>

38	AIR QUALITY MONITORING AND PRESERVATION	Hoppers of the coal crushing unit and other washery units shall be fitted with high efficiency bag filters/ mist spray water sprinkling system shall be installed and operated effectively at all times of operation to check fugitive emissions from crushing operations, transfer points of closed belt conveyor systems and from transportation roads.	PPs Submission	Not applicable Not Complied 29-11-2024 Attachment:NA
39	AIR QUALITY MONITORING AND PRESERVATION	The raw coal, washed coal and coal wastes (rejects) shall be stacked properly at earmarked site (s) within stockyards fitted with wind breakers/shields. Adequate measures shall be taken to ensure that the stored mineral does not catch fire.	PPs Submission	Not applicable Not Complied 29-11-2024 Attachment:NA
40	AIR QUALITY MONITORING AND PRESERVATION	The temporary reject sites should appropriate planned and designed to avoid air and water pollution from such sites.	PPs Submission	Not applicable Not Complied 29-11-2024 Attachment:NA
41	WATER QUALITY MONITORING AND PRESERVATION	The effluent discharge (mine waste water, workshop effluent) shall be monitored in terms of the parameters notified under the Water Act, 1974 Coal Industry Standards vide GSR 742(E) dated 25.9.2000 and as amended from time to time by the Central Pollution Control Board.	PPs Submission	Not applicable Not Complied 29-11-2024 Attachment:NA

42	WATER QUALITY MONITORING AND PRESERVATION	<p>The monitoring data shall be uploaded on the company's website and displayed at the project site at a suitable location. The circular No. J-20012/1/ 2006-1A.II(M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change shall also be referred in this regard for compliance.</p>	PPs Submission	<p>Not applicable Not Complied 29-11-2024 Attachment:NA</p>
43	WATER QUALITY MONITORING AND PRESERVATION	<p>Industrial waste water shall be properly collected and treated so as to conform to the standards prescribed under the Environment (Protection) Act, 1986 and the Rules made there under, and as amended from time to time.</p>	PPs Submission	<p>Not applicable Not Complied 29-11-2024 Attachment:NA</p>
44	WATER QUALITY MONITORING AND PRESERVATION	<p>The project proponent shall not alter major water channels around the site. Appropriate embankment shall be provided along the side of the river/nallah flowing near or adjacent to the washery. The embankment constructed along the river/nallah boundary shall be of suitable dimensions and critical patches shall be strengthened by stone pitching on the river front side stabilised with plantation so as to withstand the peak water pressure preventing any</p>	PPs Submission	<p>Not applicable Not Complied 29-11-2024 Attachment:NA</p>

		chance of inundation.		
45	WATER QUALITY MONITORING AND PRESERVATION	Heavy metal content in raw coal and washed coal shall be analysed once in a year and records maintained thereof.	PPs Submission	Not applicable Not Complied 29-11-2024 Attachment:NA
46	WATER QUALITY MONITORING AND PRESERVATION	The rejects should preferably be utilized in FBC power plant or disposed off through sale for its gainful utilization. If the coal washery rejects are to be disposed off, it should be done in a safe and sustainable manner with adequate compaction and post closure arrangement to avoid water pollution due to leachate from rejects and surface run off from reject dumping sites.	PPs Submission	Not applicable Not Complied 29-11-2024 Attachment:NA
47	WATER QUALITY MONITORING AND PRESERVATION	An Integrated Surface Water Management Plan for the washery area up to its buffer zone considering the presence of any river / rivulet / pond / lake etc. with impact of coal washing activities on it, shall be prepared, submitted to MoEFCC and implemented.	PPs Submission	Not applicable Not Complied 29-11-2024 Attachment:NA
48	WATER QUALITY MONITORING AND PRESERVATION	Waste Water shall be effectively treated and recycled completely either for washery operations or maintenance of green belt around the plant.	PPs Submission	Not applicable Not Complied 29-11-2024 Attachment:NA
49	WATER QUALITY MONITORING	Rainwater harvesting in the washery premises shall be	PPs Submission	Not applicable Not Complied

	AND PRESERVATION	implemented for conservation and augmentation of ground water resources in consultation with Central Ground Water Board.		29-11-2024 Attachment:NA
50	WATER QUALITY MONITORING AND PRESERVATION	No ground water shall be used for coal washing unless otherwise permitted in writing by competent authority (CGWA) or MoEFCC. The make - up water requirement of washery should not exceed 1.5 m3 / tonne of raw coal.	PPs Submission	Not applicable Not Complied 29-11-2024 Attachment:NA
51	WATER QUALITY MONITORING AND PRESERVATION	Regular monitoring of ground water level and quality shall be carried out in and around the mine lease area by establishing a network of existing wells and constructing new piezometers during the mining operations. The monitoring of ground water levels shall be carried out four times a year i.e. pre - monsoon, monsoon, post - monsoon and winter. The ground water quality shall be monitored once a year, and the data thus collected shall be sent regularly to MOEFCC / RO.	PPs Submission	Not applicable Not Complied 29-11-2024 Attachment:NA
52	WATER QUALITY MONITORING AND PRESERVATION	Monitoring of water quality upstream and downstream of water bodies shall be carried out once in six months and record of monitoring data shall be maintained and submitted to the	PPs Submission	Not applicable Not Complied 29-11-2024 Attachment:NA

		Ministry of Environment, Forest and Climate Change / Regional Office.		
53	WATER QUALITY MONITORING AND PRESERVATION	The project proponent shall take all precautionary measures to ensure riverine / riparian ecosystem in and around the coal mine up to a distance of 5 km. A riverine / riparian ecosystem conservation and management plan should be prepared and implemented in consultation with the irrigation/ water resource department in the state government.	PPs Submission	Not applicable Not Complied 29-11-2024 Attachment:NA
54	Noise Monitoring & Prevention	Adequate measures shall be taken for control of noise levels as per noise pollution Rules, 2016 in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with personal protective equipments (PPE) like ear plugs/ muffs in conformity with the prescribed norms and guidelines in this regard. Adequate awareness programme for users to be conducted. Progress in usage of such accessories to be monitored.	PPs Submission	Not applicable Not Complied 29-11-2024 Attachment:NA
55	Noise Monitoring & Prevention	The noise level survey shall be carried out as per the prescribed guidelines to assess noise exposure of the workmen at vulnerable points in	PPs Submission	Not applicable Not Complied 29-11-2024 Attachment:NA

		the mine premises, and report in this regard shall be submitted to the Ministry / RO on six - monthly basis.		
56	MISCELLANEOUS	Coal stacking plan shall be prepared separately for raw coal, clean coal, middling and rejects.	PPs Submission	Not applicable Not Complied 29-11-2024 Attachment:NA
57	MISCELLANEOUS	Efforts should be made to reduce energy consumption by conservation, efficiency improvements and use of renewable energy.	PPs Submission	Not applicable Not Complied 29-11-2024 Attachment:NA
58	GREENBELT	Three tier greenbelt comprising of a mix of native species, of minimum 30 m width shall be developed all along the washery area to check fugitive dust emissions and to render aesthetic to neighbouring stakeholders. A 3-tier green belt comprising of a mix of native species or tree species with thick leaves shall be developed along vacant areas, storage yards, loading / transfer points and also along internal roads/ main approach roads.	PPs Submission	Not applicable Not Complied 29-11-2024 Attachment:NA
59	GREENBELT	The project proponent shall make necessary alternative arrangements, if grazing land is involved in core zone, in consultation with the State government to provide alternate areas for livestock grazing, if any. In this	PPs Submission	Not applicable Not Complied 29-11-2024 Attachment:NA

		context, the project proponent shall implement the direction of Hon'ble Supreme Court with regard to acquiring grazing land.		
60	PUBLIC HEARING	Adequate illumination shall be ensured in all mine locations (as per DGMS standards) and monitored weekly. The report on the same shall be submitted to this ministry & its RO on six-monthly basis.	PPs Submission	Not applicable Not Complied 29-11-2024 Attachment:NA
61	PUBLIC HEARING	The project proponent shall undertake occupational health survey for initial and periodical medical examination of the personnel engaged in the project and maintain records accordingly as per the provisions of the Mines Rules, 1955 and DGMS circulars. Besides regular periodic health check - up, 20% of the personnel identified from workforce engaged in active mining operations shall be subjected to health check-up for occupational diseases and hearing impairment, if any. as amended time to time.	PPs Submission	Not applicable Not Complied 29-11-2024 Attachment:NA
62	PUBLIC HEARING	Personnel (including outsourced employees) working in core zone shall wear protective respiratory devices and shall also be provided with adequate training and information on	PPs Submission	Not applicable Not Complied 29-11-2024 Attachment:NA

		safety and health aspects.		
63	PUBLIC HEARING	Implementation of the action plan on the issues raised during the public hearing shall be ensured. The project proponent shall undertake all the tasks/measures as per the action plan submitted with budgetary provisions during the public hearing. Land oustees shall be compensated as per the norms laid down in the R&R policy of the company/State Government/Central Government, as applicable.	PPs Submission	Not applicable Not Complied 29-11-2024 Attachment:NA
64	PUBLIC HEARING	The project proponent shall follow the mitigation measures provided in this Ministry's OM No.Z-11013/57/2014-IA.II(M) dated 29th October, 2014, titled 'Impact of mining activities on habitations- issues related to the mining projects wherein habitations and villages are the part of mine lease areas or habitations and villages are surrounded by the mine lease area'.	PPs Submission	Not applicable Not Complied 29-11-2024 Attachment:NA
65	Corporate Environmental Responsibility	Fund allocation for Corporate Environment Responsibility (CER) shall be made as per Ministry's O.M. No. 22-65 /2017-IA.III dated 30th September 2020 and based on commitment made during public	PPs Submission	Not applicable Not Complied 29-11-2024 Attachment:NA

		consultation process for incorporating in EIA-EMP for deliberation of EAC.		
66	Corporate Environmental Responsibility	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any Infringements / deviation / violation of the environmental forest wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	PPs Submission	Not applicable Not Complied 29-11-2024 Attachment:NA
67	Corporate Environmental Responsibility	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	PPs Submission	Not applicable Not Complied 29-11-2024 Attachment:NA
68	Corporate Environmental Responsibility	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be	PPs Submission	Not applicable Not Complied 29-11-2024 Attachment:NA

		prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/ Regional Office along with the Six Monthly Compliance Report.			
69	Corporate Environmental Responsibility	Self - environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	<table border="1"> <tr> <td>PPs Submission</td> <td>Not applicable Not Complied 29-11-2024 Attachment:NA</td> </tr> </table>	PPs Submission	Not applicable Not Complied 29-11-2024 Attachment:NA
PPs Submission	Not applicable Not Complied 29-11-2024 Attachment:NA				

General Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks / Reason and Supporting Documents		
1	Statutory compliance	The environmental clearance shall be subject to orders of Hon'ble Supreme Court of India, Hon'ble High Courts, NGT and any other Court of Law, from time to time, and as applicable to the project.	<table border="1"> <tr> <td>PPs Submission</td> <td>Agreed and Noted Agreed to Comply 29-11-2024 Attachment:NA</td> </tr> </table>	PPs Submission	Agreed and Noted Agreed to Comply 29-11-2024 Attachment:NA
PPs Submission	Agreed and Noted Agreed to Comply 29-11-2024 Attachment:NA				
2	Statutory compliance	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest	<table border="1"> <tr> <td>PPs Submission</td> <td>No forest land is involved. A certificate mentioned no forest land involved also issued by Divisional Forest Officer, Durgapur and Burdwan Division separately vide their memo no. 3359 dated 01/11/2021 and 2010/8 dated 24/08/2021. Copy of the same is already submitted to competent authority in EC compliance (Dec-2022) vide letter no- PTPL/JAG-B/EC-</td> </tr> </table>	PPs Submission	No forest land is involved. A certificate mentioned no forest land involved also issued by Divisional Forest Officer, Durgapur and Burdwan Division separately vide their memo no. 3359 dated 01/11/2021 and 2010/8 dated 24/08/2021. Copy of the same is already submitted to competent authority in EC compliance (Dec-2022) vide letter no- PTPL/JAG-B/EC-
PPs Submission	No forest land is involved. A certificate mentioned no forest land involved also issued by Divisional Forest Officer, Durgapur and Burdwan Division separately vide their memo no. 3359 dated 01/11/2021 and 2010/8 dated 24/08/2021. Copy of the same is already submitted to competent authority in EC compliance (Dec-2022) vide letter no- PTPL/JAG-B/EC-				

		purpose involved in the project.		Com.Rep/Dec2022 dated 24.11.2022 Complied 29-11-2024 Attachment:NA
3	Statutory compliance	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	PPs Submission	The Wild Life (Protection) Act, 1972 is not applicable for this project. The project does not falls in and any Eco Sensitive Zone (ESZ) of National Park, Wild Life Sanctuary, Conservator Reserve, etc. A certificate also issued in this regards by The Principal Chief Conservator of Forest, WL and CWLW, West Bengal vide their memo no. 2729/WL/2W-167/2016 dated 13/09/2022. Copy of the same is already submitted to competent authority in EC compliance (Dec-2022) vide letter no- PTPL/JAG-B/EC-Com.Rep/Dec 2022 dated 24.11.2022. Complied 29-11-2024 Attachment:NA

4	Statutory compliance	<p>The project proponent shall prepare a Site - Specific Conservation Plan/ Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six - monthly compliance report. (in case of the presence of schedule-1 species in the study area).</p>	PPs Submission	<p>Not applicable Not Complied 29-11-2024 Attachment:NA</p>
5	Statutory compliance	<p>The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board / Committee.</p>	PPs Submission	<p>Consent to Establish (CTE) under the provisions of Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974 has been obtained from West Bengal Pollution Control Board (WBPCB) vide NOC No- 172012 dated 18.10.2022 issued vide memo no. 525-2N-11/2022(E). We will obtain Consent to Operate before starting of coal production. Copy of NOC is already submitted to competent authority in EC compliance (Dec-2022) vide letter no- PTPL/JAG-B/EC-Com.Rep/Dec 2022 dated 24.11.2022. Partially Complied 29-11-2024 Attachment:NA</p>
6	Statutory compliance	<p>The project proponent shall obtain the necessary permission from</p>	PPs Submission	<p>Reply to the subject condition is already made in point no-ii of specific condition. Complied</p>

		the Central Ground Water Authority.		29-11-2024 Attachment:NA
7	Statutory compliance	Solid waste / hazardous waste generated in the mines needs to be addressed in accordance to the Solid Waste Management Rules, 2016 / Hazardous & Other Waste Management Rules, 2016.	PPs Submission	Agreed. The sludge generated from water treatment plant and STP will be used for gardening and green belt development. The sludge generated from ETP will be sent to Common Hazardous Waste Treatment, Storage and Disposal Facility (CHWTSDF) as per HZW Rules, 2016. Agreed to Comply 29-11-2024 Attachment:NA
8	AIR QUALITY MONITORING AND PRESERVATION	Adequate ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for monitoring of pollutants, namely particulates, SO ₂ , and NO _x . Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive receptors in consultation with the State Pollution Control Board. Monitoring of heavy metals such as Hg, As, Ni, Cd, Cr, etc. to be carried out at least once in six months. Online ambient air quality monitoring station / stations may also be installed in addition to the regular air monitoring stations as per the requirement and/	PPs Submission	Being complied with Continuous Ambient Air Quality Monitoring Station (CAAQMS) is installed at the designation site after getting site approval from WBPCB. Also data is being displayed digitally at entry and exit gate of mine lease area for public display. In order to ensure the effectiveness of mitigation method adopted third party monitoring from NABL accredited laboratory has been done. Being Complied 29-11-2024 Attachment:NA

		or in consultation with the SPCB.		
9	AIR QUALITY MONITORING AND PRESERVATION	The Ambient Air Quality monitoring in the core zone shall be carried out to ensure the Coal Industry Standards notified vide GSR 742(E) dated 25.9.2000 and as amended from time to time by the Central Pollution Control Board. Data on ambient air quality and heavy metals such as Hg, As, Ni, Cd, Cr and other monitoring data shall be regularly reported to the Ministry / Regional Office and to the CPCB / SPCB.	PPs Submission	Being complied with Effective measures will be implemented to ensure Ambient Air Quality parameters be within as per Coal Industry Standards notified vide GSR 742(E) dated 25.9.2000. In order to ensure the effectiveness of mitigation method adopted third party monitoring from NABL accredited laboratory has been done. Being Complied 29-11-2024 Attachment:NA
10	AIR QUALITY MONITORING AND PRESERVATION	Transportation of coal, to the extent permitted by road, shall be carried out by covered trucks / conveyors. Effective control measures such as regular water sprinkling / rain gun / mist sprinkling etc., shall be carried out in critical areas prone to air pollution with higher level of particulate matter all through the coal transport roads, loading / unloading and transfer points. Fugitive dust emissions from all sources shall be controlled regularly. It shall be ensured that the ambient air	PPs Submission	Agreed Effective control measures will be implemented in critical areas prone to air pollution and will be ensured emission parameter to be in norms prescribed by CPCB/SPCB. The steps to be adopted are: a) Covered trucks/conveyors will be used for transportation of the mineral/ material. b) Installing 191 water sprinklers for dedicated road from mining to Deul More and 100 numbers along the separate transportation route. c) 05 nos of fog cannons of at least 40 mtrs throw shall be installed at coal storage yard and in nearby villages. d) 10 mtrs width tree plantation of broad leaves and wind break/green-shield of about 10 mts height along the boundary of coal storage yard. Agreed to Comply 29-11-2024 Attachment:NA

		quality parameters conform to the norms prescribed by the Central / State Pollution Control Board.		
11	AIR QUALITY MONITORING AND PRESERVATION	Major approach roads shall be black topped and properly maintained.	PPs Submission	Agreed. As per approved mining plan, a metalled approachable road will be constructed from deul more to mine infrastructure area of a distance of 6.5 km length. Proper maintenance will be taken cares. Also water sprinklers at fixed interval will be installed to supress dust emission during movement of vehicles. Agreed to Comply 29-11-2024 Attachment:NA
12	AIR QUALITY MONITORING AND PRESERVATION	The transportation of coal shall be carried out as per the provisions and route proposed in the approved mining plan. Transportation of the coal through the existing road passing through any village shall be avoided. In case, it is proposed to construct a 'bypass' road, it should be so constructed that the impact of sound, dust and accidents could be appropriately mitigated.	PPs Submission	Agreed Coal will be transported only by the route as mentioned and proposed in approved mining plan. Agreed to Comply 29-11-2024 Attachment:NA
13	AIR QUALITY MONITORING AND PRESERVATION	Vehicular emissions shall be kept under control and regularly monitored. All the vehicles engaged in mining and allied activities shall operate only after obtaining 'PUC' certificate from the authorized	PPs Submission	Being complied with Only PUC certified vehicles is being engaged in mining and allied activities. Regular maintenance of engaged vehicles is being carried out. Being Complied 29-11-2024 Attachment:NA

		pollution testing centres.		
14	AIR QUALITY MONITORING AND PRESERVATION	Coal stock pile / crusher / feeder and breaker material transfer points shall invariably be provided with dust suppression system. Belt-conveyors shall be fully covered to avoid air borne dust. Side cladding all along the conveyor gantry should be made to avoid air borne dust. Drills shall be wet operated or fitted with dust extractors.	PPs Submission	Agreed. Adequate dust suppression system will be installed in critical areas prone to air pollution. Agreed to Comply 29-11-2024 Attachment:NA
15	AIR QUALITY MONITORING AND PRESERVATION	Coal handling plant shall be operated with effective control measures w.r.t. various environmental parameters. Environmental friendly sustainable technology should be implemented for mitigating such parameters.	PPs Submission	Agreed Adequate measures like regular water sprinkling / rain gun, use of movable water tanker, vacuum sweeper machine, fog mist water canon system etc. will be adopted to control fugitive dust emission, which will be environmental friendly. Agreed to Comply 29-11-2024 Attachment:NA
16	WATER QUALITY MONITORING AND PRESERVATION	The effluent discharge (mine waste water, workshop effluent) shall be monitored in terms of the parameters notified under the Water Act, 1974 Coal Industry Standards vide GSR 742(E) dated 25.9.2000 and as amended from time to time by the Central	PPs Submission	Agreed. Water treatment plant of adequate capacity will be installed to treat mine water. No untreated water will be discharged from mine boundaries to pond / nallah / river. In order to ensure the efficiency of treatment plant monitoring of inlet and outlet water from NABL/ WBPCB/ MoEF accredited laboratory will be carried out in a time bound manner and report will be submitted to competent authority. Agreed to Comply 29-11-2024 Attachment:NA

		Pollution Control Board.		
17	WATER QUALITY MONITORING AND PRESERVATION	The monitoring data shall be uploaded on the company's website and displayed at the project site at a suitable location. The circular No. J-20012/1/2006-IA.II (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change shall also be referred in this regard for its compliance.	PPs Submission	Being complied with. Data is being displayed at entry and exit gate of mine lease area for public display. Also Six monthly EC compliance is being uploaded on companys website http://www.powerplustraders.com/EHS.php Being Complied 29-11-2024 Attachment:NA
18	WATER QUALITY MONITORING AND PRESERVATION	Regular monitoring of ground water level and quality shall be carried out in and around the mine lease area by establishing a network of existing wells and constructing new piezometers during the mining operations. The monitoring of ground water levels shall be carried out four times year i.e. pre - monsoon, monsoon, post - monsoon and winter. The ground water quality shall be monitored once a year, and the data thus collected shall be sent regularly to MOEFCC/RO.	PPs Submission	Being complied with The monitoring of ground water levels will be carried out by NABL/ WBPCB/ MoEF accredited laboratory four times a year i.e. pre monsoon, monsoon, post monsoon and winter. The monitoring of ground water quality has been done by the NABL accredited environmental laboratory. All the parameters are found within the prescribed limit. Being Complied 29-11-2024 Attachment:NA
19	WATER QUALITY MONITORING AND PRESERVATION	Monitoring of water quality upstream and downstream of water bodies shall	PPs Submission	Being complied with The monitoring of water quality upstream and downstream of water bodies has been done by the NABL accredited

		<p>be carried out once in six months and record of monitoring data shall be maintained and submitted to the Ministry of Environment, Forest and Climate Change / Regional Office.</p>		<p>environmental laboratory. All the parameters are found within the prescribed limit. Being Complied 29-11-2024 Attachment:NA</p>
20	WATER QUALITY MONITORING AND PRESERVATION	<p>Ground water, excluding mine water, shall not be used for mining operations. Rainwater harvesting shall be implemented for conservation and augmentation of ground water resources.</p>	PPs Submission	<p>Agreed No ground water will be extracted during the mining operation excluding mine water. 02 nos. Rainwater harvesting structure to be constructed to conserve and reuse of rain water. Agreed to Comply 29-11-2024 Attachment:NA</p>
21	WATER QUALITY MONITORING AND PRESERVATION	<p>The project proponent shall not alter major water channels around the site. Appropriate embankment shall be provided along the side of the river / nallah flowing near or adjacent to the mine. The embankment constructed along the river / nallah boundary shall be of suitable dimensions and critical patches shall be strengthened by stone pitching on the river front side, stabilized with plantation so as to withstand the peak water pressure preventing any chance of mine inundation.</p>	PPs Submission	<p>Agreed. No alteration will be carried out. Agreed to Comply 29-11-2024 Attachment:NA</p>

22	WATER QUALITY MONITORING AND PRESERVATION	Garland drains (of suitable size, gradient and length) around the critical areas i.e. mine shaft and low lying areas, shall be designed keeping at least 50% safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the mine sites. The sump capacity shall also provide adequate retention period to allow proper settling of silt material of the surface runoff.	PPs Submission	Agreed A garland drains has been constructed in the low lying area at mine site keeping 50 percentage safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the mine sites. Photographs of garland drain is given below: Agreed to Comply 29-11-2024 Attachment:NA
23	WATER QUALITY MONITORING AND PRESERVATION	The water pumped out from the mine, after siltation, shall be utilized for industrial purpose viz, watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly.	PPs Submission	Agreed A Water Treatment Plant is proposed for pump out mine water. After treatment the water will be utilized for various industrial purposes i.e. construction and maintenance of roads, green belt development, dust suppression, irrigation purpose for villagers, etc. Agreed to Comply 29-11-2024 Attachment:NA
24	WATER QUALITY MONITORING AND PRESERVATION	Industrial waste water from coal handling plant and mine water shall be properly collected and treated so as to conform to the standards prescribed under the Environment (Protection) Act, 1986 and the Rules made thereunder, and as amended from	PPs Submission	Agreed Water, effluent and sewage treatment plant with integrated oil and grease tarp of adequate capacity is proposed to be installed for treatment of generated polluted waste water. Agreed to Comply 29-11-2024 Attachment:NA

		time to time. Oil and grease trap shall be installed before discharge of workshop effluent. Sewage treatment plant of adequate capacity shall be installed for treatment of domestic waste water.		
25	WATER QUALITY MONITORING AND PRESERVATION	Adequate groundwater recharge measures shall be taken up for augmentation of ground water. The project authorities shall meet water requirement of nearby village (s) in case the village wells go dry due to dewatering of mine.	PPs Submission	Agreed RWH structure will be constructed, rainwater will reuse for industrial purpose. Treated mine water will be used for industrial purpose and provided to the nearby villagers for irrigation and recharging of ponds, wherever required. We will fulfil water requirement of nearby village (s) in case the village wells go dry due to dewatering of mine. Agreed to Comply 29-11-2024 Attachment:NA
26	WATER QUALITY MONITORING AND PRESERVATION	The surface drainage plan including surface water conservation plan for the area of influence affected by the said mining operations shall be prepared, considering the presence of any river / rivulet / pond / lake etc., with impact of mining activities on it, and implemented by the project proponent. The surface drainage plan and / or any diversion of natural water courses shall be as per the provisions of the approved Mining Plan / EIA EMP submitted to this Ministry and the same should	PPs Submission	Agreed Renovation of pond will be carried out in consultation with concern gram panchayat, in the following villages: Dhabani, Parulia, Jamgara, Laudoha, Banagram, Sahapur and Jaganathpur. There is no proposal for any diversion of natural water courses and in this regard no approval is required from concerned State / Gol Authority. Agreed to Comply 29-11-2024 Attachment:NA

		<p>be done with due approval of the concerned State / Gol Authority. The construction of embankment to prevent any danger against inrush of surface water into the mine should be as per the approved mining plan and as per the permission of DGMS.</p>		
27	<p>WATER QUALITY MONITORING AND PRESERVATION</p>	<p>The project proponent shall take all precautionary measures to ensure reverian / riparian ecosystem in and around the coal mine upto a distance of 5 km. A revarian / riparian ecosystem conservation and management plan should be prepared and implemented in consultation with the irrigation / water resource department in the state government.</p>	<p>PPs Submission</p>	<p>Agreed and Noted. Bio indicator species will be planted all along project area up to a distance of 5 km. Though all types of sensitive species can be used in monitoring pollution, most useful and commonly used plants include sensitive species of lichens, mosses, plankton algae, aquatic ferns and angiosperms, other ferns, conifers oaks and many crop plants. Examples of some common types of plants useful as pollution monitors are Sphagnum acutifolia, Fontinalis antipyretica, F. squamosa, Microcystis, Scendesmus, Chlorella, Hydrodictyon, Cladophora, Stigoclonium, Diatoms Azolla, Salvinia. Some of the parameters which will be studied in post EC monitoring of the ponds and aquatic bodies found in the study area are decrease in the densities of sensitive species and increase in the density of tolerant species, absence of highly sensitive species, changes in the species composition of vegetation and distribution pattern of populations in the area. Such studies indicate the type and concentration of pollutant(s) as well as the spread of the pollution problem in the area. Agreed to Comply 29-11-2024 Attachment:NA</p>
28	<p>Noise Monitoring & Prevention</p>	<p>Adequate measures shall be taken for control of noise levels below 85 dB (A) in the work</p>	<p>PPs Submission</p>	<p>Agreed Regular maintenance, oil and greasing of machineries will be carried out during production of coal. Usage of PPEs kit will be made compulsory inside the mine and will be monitored. Appropriate PPEs kit</p>

		<p>environment. Workers engaged in underground mining operations, operation of HEMM, etc. shall be provided with personal protective equipments (PPE) like ear plugs / muffs in conformity with the prescribed norms / guidelines in this regard. Progress in usage of such accessories to be monitored. Adequate awareness programme for users to be conducted.</p>		<p>like ear plugs / muffs in conformity with the prescribed norms / guidelines will be provided during mining operation. Agreed to Comply 29-11-2024 Attachment:NA</p>
29	Noise Monitoring & Prevention	<p>The noise level survey shall be carried out as per the prescribed guidelines to assess noise exposure of the workmen at vulnerable points in the mine premises, and report in this regard shall be submitted to the Ministry / RO on six - monthly basis.</p>	PPs Submission	<p>Being complied with Noise level survey is being carried out by NABL accredited laboratory and found the noise level within the prescribed limit. Being Complied 29-11-2024 Attachment:NA</p>
30	MINING PLAN	<p>Mining shall be carried out under strict adherence to provisions of the Mines Act 1952 and subordinate legislations made there - under as applicable.</p>	PPs Submission	<p>Agreed and Noted Agreed to Comply 29-11-2024 Attachment:NA</p>

31	MINING PLAN	No change in mining method i.e. UG to OC, calendar programme and scope of work shall be made without obtaining prior approval of the Ministry of Environment, Forests and Climate Change (MoEFCC).	PPs Submission	Noted and agreed Agreed to Comply 29-11-2024 Attachment:NA
32	MINING PLAN	Mining shall be carried out as per the approved mining plan (including mine closure plan) abiding by mining laws related to coal mining and the relevant circulars issued by Directorate General Mines Safety (DGMS).	PPs Submission	Agreed Mining will be done as per approved mining plan, and during operation all relevant coal mining laws and circulars of DGMS will be followed. Agreed to Comply 29-11-2024 Attachment:NA
33	MINING PLAN	Underground work place environmental conditions shall be rendered ergonomic and air breathable with adequate illumination in conformance with DGMS standards.	PPs Submission	Agreed We have proposed to install one mechanical Ventilator of high capacity on surface through evacuee. The exhaust fan will have the provision of variable pitch of blades to improve the quantity of air required in future. Agreed to Comply 29-11-2024 Attachment:NA
34	MINING PLAN	No mining activity shall be carried out in forest land without obtaining Forestry Clearance as per Forest (Conservation) Act, 1980 and also adhering to The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 read with provisions of	PPs Submission	No forest land is involved. Complied 29-11-2024 Attachment:NA

		Indian Forest Act, 1927.		
35	MINING PLAN	Efforts should be made to reduce energy and fuel consumption by conservation, efficiency improvements and use of renewable energy.	PPs Submission	Agreed a. Solar panels, electric vehicles for conveyance will be deployed to reduce energy and fuel consumption. b. Solar panels will be installed for surface infrastructure and workshop, and electric vehicles will be preferred instead of petrol/diesel for conveyance of staff/mine workers. c. If possible in future, electric heavy vehicles will be preferred for transportation of coal. Agreed to Comply 29-11-2024 Attachment:NA
36	LAND RECLAMATION	Digital Survey of entire lease hold area / core zone using Satellite Remote Sensing survey shall be carried out at least once in three years for monitoring land use pattern and report in 1 : 50,000 scale or as notified by Ministry of Environment, Forest and Climate Change (MOEFCC) from time to time shall be submitted to MOEFCC/ Regional Office (RO).	PPs Submission	Agreed Digital Survey will be carried out at least once in three years for monitoring land use pattern from recognised consultant and report in 1 : 50,000 scale or as notified by Ministry of Environment, Forest and Climate Change (MOEFCC) will be submitted to MOEFCC/RO. Agreed to Comply 29-11-2024 Attachment:NA
37	LAND RECLAMATION	Post-mining land be rendered usable for agricultural / forestry purposes and shall be handed over to the respective State Government, as specified in the Guidelines for Preparation of Mine Closure Plan, issued by the Ministry of Coal dated 27th	PPs Submission	Agreed After post mining the land will be rendered as per the approved mine closure plan. Agreed to Comply 29-11-2024 Attachment:NA

		August, 2009 and subsequent amendments.		
38	LAND RECLAMATION	Regular monitoring of subsidence movement on the surface over and around the working areas and its impact on natural drainage pattern, water bodies, vegetation, structure, roads and surroundings shall be continued till movement ceases completely. In case of observation of any high rate of subsidence beyond the limit prescribed, appropriate effective mitigation measures shall be taken to avoid loss of life and materials. Cracks should be effectively plugged in with ballast and clay soil / suitable material.	PPs Submission	Agreed. Regular detailed monitoring of subsidence movement will be carried out. In case of observation of any high rate of subsidence beyond the limit prescribed, appropriate effective mitigation measures shall be taken to avoid loss of life and materials. Cracks should be effectively plugged in with ballast and clay soil / suitable material. Agreed to Comply 29-11-2024 Attachment:NA
39	LAND RECLAMATION	Fly ash shall be used for external dump of overburden, backfilling or stowing of mine as per provisions contained in clause (i) and (ii) of subparagraph (8) of fly ash notification issued vide SO 2804 (E) dated 3rd November, 2009 as amended from time to time. Efforts shall be made to utilize	PPs Submission	Approved mine closure plan will be followed. Agreed to Comply 29-11-2024 Attachment:NA

		<p>gypsum generated from Flue Gas Desulfurization (FGD), if any, along with fly ash for external dump of overburden, backfilling or stowing of mines. Compliance report shall be submitted to Regional Office of MoEF&CC, CPCB and SPCB.</p>		
40	LAND RECLAMATION	<p>A separate team for subsidence monitoring and surface mitigation measures shall be constituted and continuous monitoring & implementation of mitigation measures be carried out.</p>	PPs Submission	<p>Agreed. We will prepare a separate team for subsidence monitoring and implementation of mitigation measures. The following subsidence aspects and remedial measures are proposed for the safety of surface structures and mining operation: 1) There are number of villages and surface structures within the coal block. Hence, AoD of 22o was taken into account for design of all proposed panels to err on the side of the safety. The influence of subsidence would not affect any surface structure. 2) Maximum anticipated subsidence of 4098 mm would affect the surface topography after mining. Suitable drainage should be made to avoid any water logging in the centre of subsidence troughs. 3) The cumulative predicted maximum compressive strain and tensile strain at the surface of 10.0 mm/m and 9.1 mm/m respectively would lead to development of cracks with crevices of 60 to 100 mm at the surface. The surface cracks formed during extraction should immediately be filled in with soil/mitti to prevent breathing of air and inflow of water to the underground workings. 4) Embankment with an elevation above HFL is advisable be erected on the west side of the Ajay river subject to actual ground topography. This exercise will be conducted within a span of 10 years.</p> <p>Agreed to Comply 29-11-2024 Attachment:NA</p>

41	LAND RECLAMATION	Thorough inspection of the mine lease area for any cracks developed at the surface due to mining activities below ground shall be carried out to prevent inrush of water in the mine.	PPs Submission	Agreed During the mining operation in underground, regular monitoring of surface will be carried out by a monitoring team to prevent inrush of water in the mine. Agreed to Comply 29-11-2024 Attachment:NA
42	LAND RECLAMATION	Native tree species shall be selected and planted over areas affected by subsidence.	PPs Submission	Agreed Native tree species along with pollution indicative species/ bio indicator species will be selected and planted for fast growing over area affected by subsidence. Agreed to Comply 29-11-2024 Attachment:NA
43	LAND RECLAMATION	The project proponent shall make necessary alternative arrangements, if grazing land is involved in core zone, in consultation with the State government to provide alternate areas for livestock grazing, if any. In this context, the project proponent shall implement the directions of Hon'ble Supreme Court with regard to acquiring grazing land.	PPs Submission	Noted. Agreed to Comply 29-11-2024 Attachment:NA
44	GREENBELT	The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered flora / fauna, if any, spotted / reported in the study area. Action plan, in this	PPs Submission	Agreed No endangered flora/ fauna/ Schedule-I is found during collection of baseline data. Even then we will take all precautionary measures during mining operation for conservation and protection of native flora / fauna. Agreed to Comply 29-11-2024 Attachment:NA

		regard, if any, shall be prepared and implemented in consultation with the State Forest and Wildlife Department.		
45	GREENBELT	Greenbelt, consisting of three-tier plantation, of width not less than 7.5 m, shall be developed all along the mine lease area in a phased manner. The green belt comprising of a mix of native species shall be developed all along the major approach roads / coal transportation roads.	PPs Submission	Being Complied with 10 mtrs width tree plantation of broad leaves and wind break/green-shield of about 10 mts height along the boundary of coal storage yard. Total 23000 nos. of saplings of native species already planted in project area till October, 2024 with 69 per survival rate. For greenbelt development dedicated manpower is engaged for regular monitoring, gap filling and their proper growth. On the occasion of Environment Day on 5th June, 2025 a total 100 nos of fruit bearing saplings is distributed among the school children and nearby villagers Being Complied 29-11-2024 Attachment:NA
46	PUBLIC HEARING	Adequate illumination shall be ensured in all mine locations (as per DGMS standards) and monitored.	PPs Submission	Being complied with. Lighting facilities in night is being setup at all places of mine site wherever is required. Being Complied 29-11-2024 Attachment:NA
47	PUBLIC HEARING	The Project Proponent shall undertake Occupational Health survey for initial and Periodical medical examination of the workers engaged in the Project and maintain records accordingly as per the provisions of the Mines Rules, 1955 and DGMS Circulars. Besides carrying out regular periodic health check - up	PPs Submission	Being Complied. Occupational health of staff and workers carried out at pre-entry level and later on regular medical check-up in this respect extended on an annual basis to detect early incidence of diseases and for prompt remedial medical interventions in this respect. Necessary personal data cards in this respect is maintained for effective monitoring and application of medical services required in the matter. All occupational health and safety activities is being done as per DGMS guidelines. Safety matters will be reviewed once in 15 days by safety officer regularly so as to take urgent and effective measures to prevent unsafe operations and practices with a view to prevent

		of their workers, 20 % of the workers engaged in active mining operations shall be subjected to health check - up for occupational diseases and hearing impairment, if any.		accidents, injuries, etc. Being Complied 29-11-2024 Attachment:NA
48	PUBLIC HEARING	Personnel (including outsourcing employees) working in dusty areas shall wear protective respiratory devices and shall also be provided with adequate training and information on safety and health aspects.	PPs Submission	Being complied with The Personal Protective Equipment (PPEs) will be provided to the workers working in the dusty areas and will be regularly monitored. Training and information will be provided for safety and health aspects. Being Complied 29-11-2024 Attachment:NA
49	PUBLIC HEARING	Skill training as per safety norms specified by DGMS shall be provided to all workmen including the outsourcing employees to ensure high safety standards in mines.	PPs Submission	Being Complied with. Safety officer is hired for providing skill training as per safety norms specified by DGMS to all workers including the outsourcing employees to ensure high safety standards at mine site. Being Complied 29-11-2024 Attachment:NA
50	PUBLIC HEARING	Effective arrangement shall be made to provide and maintain at suitable points conveniently situated, a sufficient supply of drinking water for all the persons employed.	PPs Submission	Complied. Adequate drinking water facility is provided to all the persons employed during construction phase, also provided during operation phase. Complied 29-11-2024 Attachment:NA
51	PUBLIC HEARING	Implementation of Action Plan on the issues raised during the Public Hearing shall be ensured. The Project Proponent	PPs Submission	Agreed A time bound action plan has been prepared for addressing all the issues raised during the Public Hearing and will be implemented within the time frame. Agreed to Comply

		shall undertake all the tasks as per the Action Plan submitted with budgetary provisions during the Public Hearing. Land oustees shall be compensated as per the norms laid out R & R Policy of the Company / or the National R&R Policy / R&R Policy of the State Government, as applicable.		29-11-2024 Attachment:NA
52	PUBLIC HEARING	The project proponent shall follow the mitigation measures provided in this Ministry's OM No. Z-11013/5712014-IA.II(M) dated 29th October, 2014, titled 'Impact of mining activities on habitations - issues related to the mining projects wherein habitations and villages are the part of mine lease areas or habitations and villages are surrounded by the mine lease area.	PPs Submission	Agreed We will follow the mitigation measures stated in this Ministry's OM No. Z-11013/5712014-IA.II (M) dated 29th October, 2014. Agreed to Comply 29-11-2024 Attachment:NA
53	PUBLIC HEARING	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to	PPs Submission	Complied Company has well laid down environmental policy duly approve by the Board of Directors. Copy of Environmental Policy is already submitted to competent authority in EC compliance (Dec-2022) vide letter no- PTPL/JAG-B/EC-Com.Rep/Dec 2022 dated 24.11.2022. The environment policy is dully approved by the board of the company. Copy of the board resolution is already submitted to competent authority in EC compliance (Dec-2022) vide letter no- PTPL/JAG-B/EC-Com.Rep/Dec

		bring into focus any infringements / deviation / violation of the environmental forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six - monthly report.		2022 dated 24.11.2022. Complied 29-11-2024 Attachment:NA
54	PUBLIC HEARING	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	PPs Submission	Complied. A separate Environmental cell both at project and company head quarter is in place. Complied 29-11-2024 Attachment:NA
55	PUBLIC HEARING	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection	PPs Submission	Being Complied with. Appropriate fund is allocated under the head of EMP capital cost of Rs. 41.52 Cr and Recurring expenditure is envisaged as Rs. 9.26 Crores/year. Further capital cost for environmental monitoring is Rs. 300 Lakhs and recurring cost is Rs. 157.00 Lakhs/year. The amount spent for implementation of EMP till October, 2024 on the following heads: 1. Installation of Continuous Ambient Air Quality Monitoring Station (CAAQMS): Rs.35,80,044/- 2. Greenbelt Development:

		measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry / Regional Office along with the Six Monthly Compliance Report.		Rs.16,72,500/- 3. CSR/CER: Rs.6,20,000/- 4. Environmental Monitoring: Rs.1,06,200/- 5. Sewage Treatment Plant (STP): Rs.14,00,000/- 6. Fog Mist Water Canon System: Rs.6,50,000/- A total amount of Rs.79.68 Lac has been spent for implementing the EMP. Year wise progress of implementation of action plan is being submitted along with the Six Monthly Compliance Report. Being Complied 29-11-2024 Attachment:NA
56	PUBLIC HEARING	Self Environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	PPs Submission	Agreed and Noted. Agreed to Comply 29-11-2024 Attachment:NA
57	MISCELLANEOUS	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	PPs Submission	Complied Public notice for grant of Environmental Clearance has been given in to local newspaper that are widely circulated in the region are: - AAJKAL in vernacular language (Bengali) dated 02.09.2022 and - THE ECHO OF INDIA in English language on dated 02.09.2022 Copy of both the newspaper advertisement is already submitted to competent authority in EC compliance (Dec 2022) vide letter no- PTPL/JAG-B/EC-Com.Rep/Dec 2022 dated 24.11.2022. Complied 29-11-2024 Attachment:NA
58	MISCELLANEOUS	The copies of the environmental clearance shall be submitted by the project proponents to the	PPs Submission	The copies of the environmental clearance have been submitted to the Heads of local bodies, Panchayat and Municipal Bodies (DM, Paschim Bardhaman, ADM, Paschim

		<p>Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.</p>		<p>Bardhaman, Sub-Divisional Officer, Durgapur Sub-Division, BDO, Durgapur-Faridpur Block, BDO, Kanksa Block, GM, D.I.C., Paschim Bardhaman, Sabhadhipati, Paschim Bardhaman Zila Parishad, Sabhapati, Durgapur-Faridpur Panchayat Samity, Kanksa Panchayat Samity, Gour Bazar Gram Panchayat, Bidbehar Bazar Gram Panchayat AND Pratappur Bazar Gram Panchayat). Copy of the intimation letter is already submitted to competent authority in EC compliance (Dec-2022) vide letter no- PTPL/JAG-B/EC-Com.Rep/Dec 2022 dated 24.11.2022.</p> <p>Complied 29-11-2024 Attachment:NA</p>
59	MISCELLANEOUS	<p>The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.</p>	<p>PPs Submission</p>	<p>Being complied with The environmental clearance and status of compliance of the stipulated environment clearance conditions, including results of monitored data is/ will be uploaded on the website of the company http://www.powerplustraders.com/EHS.php Being Complied 29-11-2024 Attachment:NA</p>
60	MISCELLANEOUS	<p>The project proponent shall monitor the criteria pollutants level namely; PM10, SO₂, NO_x (ambient levels) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.</p>	<p>PPs Submission</p>	<p>Being complied with. The criteria pollutants level namely; PM10, PM2.5, SO₂, NO_x (ambient levels) is being monitored by CAAQMS. Value of pollutants is being displayed on board as per CPCB format at entry and exit gate of mine lease area for disclosure to the public and also uploaded on the website of the company http://www.powerplustraders.com/EHS.php Being Complied 29-11-2024 Attachment:NA</p>
61	MISCELLANEOUS	<p>The project proponent shall submit six - monthly reports on the status of</p>	<p>PPs Submission</p>	<p>Being Complied In compliance to this point, this report is being submitted. The last compliance report for the period October, 2023</p>

		the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.		to March, 2024 has been submitted to MoEFCC vide our letter no. PTPL/JAG-B/EC-Com.Rep/June 2024 Date: 24/05/2024 and also uploaded on the website of the MoEFCC at environment clearance portal. Being Complied 29-11-2024 Attachment:NA
62	MISCELLANEOUS	The project proponent shall follow the mitigation measures provided in this Ministry's OM No.Z-11013/5712014-IA.II(M) dated 29th October, 2014, titled "Impact of mining activities on habitations-issues related to the mining projects wherein habitations and villages are the part of mine lease areas or habitations and villages are surrounded by the mine lease area".	PPs Submission	Being complied with. We will follow the mitigation measures stated in this Ministry's OM No. Z-11013/5712014-IA.II (M) dated 29th October, 2014. Being Complied 29-11-2024 Attachment:NA
63	MISCELLANEOUS	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	PPs Submission	Agreed We will submit the environmental statement for each financial year in Form-V to the WBPCB as prescribed under the Environment (Protection) Rules, 1986 post operation of the mine. Agreed to Comply 29-11-2024 Attachment:NA
64	MISCELLANEOUS	The project authorities shall inform to the Regional Office of	PPs Submission	Agreed The project is in development/ construction phase. CTE and other statutory clearance

		the MOEFCC regarding commencement of mining operations.		are obtained from competent authority. We will inform to the Regional Office of the MOEFCC before starting of mining operations. Agreed to Comply 29-11-2024 Attachment:NA
65	MISCELLANEOUS	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	PPs Submission	Noted All the relevant stipulations made by the West Bengal Pollution Control Board and the State Government will be complied. In this connection CTE and other statutory clearance are obtained from competent authority. Agreed to Comply 29-11-2024 Attachment:NA
66	MISCELLANEOUS	The project proponent shall abide by all the commitments and recommendations made in the EIA / EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	PPs Submission	Noted and is being complied in a time bound manner. Being Complied 29-11-2024 Attachment:NA
67	MISCELLANEOUS	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change.	PPs Submission	Agreed Agreed to Comply 29-11-2024 Attachment:NA
68	MISCELLANEOUS	Concealing factual data or submission of false / fabricated data may result in revocation of this environmental clearance and attract action	PPs Submission	Noted Agreed to Comply 29-11-2024 Attachment:NA

		under the provisions of Environment (Protection) Act, 1986.		
69	MISCELLANEOUS	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	PPs Submission	Noted and Agreed Agreed to Comply 29-11-2024 Attachment:NA
70	MISCELLANEOUS	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	PPs Submission	Agreed and Noted. Agreed to Comply 29-11-2024 Attachment:NA
71	MISCELLANEOUS	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.	PPs Submission	Agreed and Noted. Agreed to Comply 29-11-2024 Attachment:NA
72	MISCELLANEOUS	The above conditions shall 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, Hazardous	PPs Submission	Agreed and Noted. Agreed to Comply 29-11-2024 Attachment:NA

		and Other Wastes (Management and Trans-boundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.		
73	MISCELLANEOUS	The proponent shall abide by all the commitments and recommendations made in the EIA / EMP report and also that during presentation to the EAC. All the commitments made on the issues raised during public hearing shall also be implemented in letter and spirit.	PPs Submission	Agreed, we will abide all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee. Agreed to Comply 29-11-2024 Attachment:NA
74	MISCELLANEOUS	The proponent shall obtain all necessary clearances / approvals that may be required before the start of the project. The Ministry or any other competent authority may stipulate any further condition for environmental protection. The Ministry or any other competent authority may stipulate any further condition for environmental protection.	PPs Submission	Agreed and Noted. Agreed to Comply 29-11-2024 Attachment:NA

75	MISCELLANEOUS	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	PPs Submission	Noted. Agreed to Comply 29-11-2024 Attachment:NA
76	MISCELLANEOUS	The coal company/project proponent shall be liable to pay the compensation against the illegal mining, if any, and as raised by the respective State Governments at any point of time, in terms of the orders dated 2nd August, 2017 of Hon'ble Supreme Court in WP (Civil) No. 114/2014 in the matter of 'Common Cause Vs Union of India & others.	PPs Submission	Agreed and Noted. Agreed to Comply 29-11-2024 Attachment:NA
77	MISCELLANEOUS	The concerned State Government shall ensure no mining operations to commence till the entire compensation for illegal mining, if any, is paid by the project proponent through their respective Department of Mining & Geology, in strict compliance of the judgement of Hon'ble Supreme Court.	PPs Submission	Agreed and Noted. Agreed to Comply 29-11-2024 Attachment:NA
78	MISCELLANEOUS	This Environmental Clearance shall	PPs Submission	Agreed and Noted. Agreed to Comply

not be operational till such time the project proponent complies with the above said judgement of Hon'ble Supreme Court, as applicable, and other statutory requirements.

29-11-2024
Attachment:NA

Document uploaded by the PP

Last Site Visit Report (if available)

NA

Additional Attachment (if any) [Click to View](#)

Last Site Visit Report Date (if available)

Additional Remarks (if any) NA


- I '[Powerplus Traders Private Limited](#)' hereby give undertaking that the data and information given in the filed compliance and enclosures are true to be best of my knowledge and belief and I am aware that if any part of the data and information found to be false or misleading at any stage, the clearance given to the project will be revoked at our risk and cost. In addition to above, I hereby give undertaking that no activity such as change in project layout, construction, expansion, etc. has been taken up without due approval.


Cover Letter From RO/SRO

Cover Letter From RO/SRO

Back

Point wise compliance report of Environmental Clearance for Jagannathpur-B Underground Coal Mine are as:


Specific Condition:		
Sr. No.	Condition	Reply
i.	PP to obtain the CTO for 0.8/1.20 MTPA capacity after grant of EC.	<p>Agreed & Being Complied.</p> <p>Consent to Establish (CTE) has been obtained from West Bengal Pollution Control Board (WBPCB) vide NOC No- 172012 dated 18.10.2022 issued vide memo no. 525-2N-11/2022(E). We will obtain Consent to Operate before starting of the coal production.</p> <p>Copy of the CTE is already submitted to competent authority in EC compliance (Dec-2022) vide letter no- PTPL/JAG-B/EC-Com.Rep/Dec 2022 dated 24.11.2022.</p> <p>Sure to technical issue work at site is halted. Recent Photographs of the Mine Site is enclosed.</p> 






ii.	PP shall obtain No Objection Certificate from Central Ground Water Authority for extraction of ground water within six months and submitted to IRO, Ranchi.	<p>Complied</p> <p>In the state of West Bengal, ground water extraction is not being regulated by Central Ground Water Authority (CGWA) as per notification of “Ministry of Jal Shakti” Gazette notification vide S.O. No. 3289(E) dated 24th Sept.,2020.</p> <p>The “No Objection Certificate” has been taken from component authority i.e. “State Water Investigation Department, West Bengal (SWID)” for extractions of ground water vide their permit no. P2209008004920000001TSE dated 30-11-2021.</p> <p>Copy of GW Abstraction NOC from SWID is already submitted to competent authority in EC compliance (Dec-2022) vide letter no-PTPL/JAG-B/EC-Com.Rep/Dec 2022 dated 24.11.2022.</p>
iii.	PP to complete the estimated allocated budgetary expenditure for EMP capital cost of Rs. 41.52 Cr & Recurring cost of Rs. 9.26 Cr per year as per its letter no PTPL/JAG-B/EC-Delhi/03/22-23 dated 26.07.2022. Further capital cost for environmental monitoring is Rs. 300 Lakhs and recurring cost is Rs. 157.00 Lakhs/year Capital EMP budget shall be completed within strict timeline.	<p>Agree and being complied in a time bound manner in parallel with implementation of the project.</p> <p>Environmental Monitoring has been done by the NABL/WBPCB/MoEFCC Accredited Laboratory.</p>
iv.	PP shall develop 2 nos. of rain water harvesting pond (100 m, width will be 10 m and the depth will be 3 m) as proposed by PP near the villages in consultation with Gram Panchayat within 1 year. Also, Indicator aquatic species shall be planted in this water bodies to see the environmental quality. PP shall own water bodies/pond currently present in project area, maintain and regularly monitor the quality for its long term protection.	Agreed and will be complied.



v.	PP shall to implement Water distribution system in Binodpur, Sashipur, Rajhat, Jot Balrampur villages with an estimate Cost of Rs. 185.7065 Lakhs as in Letter no. PTPL/JAG-B/EC-Delhi/03/22-23 dated 26.07.2022. A proper water distribution network shall be devised to meet the demands of formers related to irrigation and recharging of ponds, wherever required.	Agreed and will be complied Water distribution system will be implemented in parallel with implementation of the project
vi.	PP shall explore the use of Ukhra Railway siding or Durgapur Railway siding for coal transportation in future and coal transportation through road shall be stopped accordingly. A report in this regard to be submitted to IRO within 1 year to justify the adequacy.	Agreed Durgapur railway siding will be used for transportation of coal. Coal transported via road from mine site to railway siding will be through covered vehicles.
vii.	PP shall install ~191 water sprinklers for dedicated road from mining to Deul and 100 number along the separate transportation route as per Letter no. PTPL/JAG-B/EC-Delhi/03/22-23 dated 26.07.2022. In addition, 5 nos of fog cannons of at least 40 mtrs throw shall be installed at coal storage yard and in nearby villages.	Agreed Water sprinklers and fog canons will be installed in parallel with operation of mine to reduce the fugitive dust emission.
viii.	PP shall transport the coal by trucks of fleet size 35-40 tons and no village road shall be used for transportation of coal.	Agreed Transportation of coal will be done by trucks of fleet size 35-40 tons and no village road will be used for transportation of coal during coal production phase.
ix.	PP shall maintain at least 10 mtrs width tree plantation of broad leaves and wind break/green-shield of about 10 mts height along the boundary of coal storage yard.	Being Complied with. Greenbelt being developed in parallel with construction/development of the project. In financial year 2023-24 total 23000 nos of saplings has been planted and total survival trees are 16000 nos with 69% survival rate. 





x. PP to plant additional 1,00,000 plants with three tier plantation along the transportation route, if not completed, and identified areas with consent to the gram panchayat within two year and plant for remaining within 2 years for their proper growth in additional already committed to plant to plantation in 8.49 ha project area.

Being complied with 23,000 nos. of survival saplings of native species with 69% survival rate. For greenbelt development dedicated manpower is engaged for regular monitoring & gap filling.

We are regularly planting trees, status of the same will be given in next compliance period.



xi. PP shall follow the recommendation of subsidence study and monitor the degree of subsidence regularly and shall be submitted to IRO-Ranchi.

Agreed, we will follow the recommendation of subsidence study and monitor the degree of subsidence regularly and same will be informed to IRO Kolkata.

xii. PP to accomplish the recruitment of a full - fledged qualified manpower with Environmental Engineer/ Environment Science degree background in Environment Management Cell etc. within six months and same shall be reported to IRO, MOEF&CC.

Complied with. Full - fledged qualified manpower with Environmental Engineer degree background in Environment Management Cell is already recruited.

Organizational structure for environment



		management is already submitted to competent authority in EC compliance (Dec-2022) vide letter no- PTPL/JAG-B/EC-Com.Rep/Dec 2022 dated 24.11.2022.
xiii.	PP to fulfil all the commitment made to address the public hearing (Total amount of Rs. 473 lakhs to be completed within three years as in EIA) issued in time bound manner as committed in EIA EMP report and a progressive report to be furnished to IRO with every six monthly compliance report.	Being complied with. All the commitment made to address the public hearing being adhered in time bound manner. In current financial year 2024-25 till October amount of ₹6.20 Lac has been spent on distribution of dustbins, school bags, and others social activities under CSR/CER.
xiv.	PP shall implement Effluent Treatment Plant for wastewater generated from workshop and Sewage Treatment Plan (of MBR technology as proposed) for its colony. No untreated water shall be discharged from mine boundaries to ponds / nallah / river.	Agreed, water treatment plant for wastewater generated from workshop and domestic sewage will be constructed. No untreated water will be discharged from mine boundaries to ponds / nallah / river.
xv.	PP to maintain the transportation road properly to minimize the dust emission. PP to also develop pucca/concrete roads by seeking consent from the panchayat with widening of roads especially roads inter linking the villages within the study area of 10 km radius buffer zone.	Agreed Water sprinklers will be installed along the road to reduce fugitive dust emission. Widening of roads and development of pucca/concrete roads in consultation with gram panchayat will be carried out in a time bound manner, if required.
xvi.	PP to monitor the water quality of the ground water and surface water body located within the core zone and 5 km radius from the periphery of the mine boundary as per procedure laid down by CPCB.	Being Complied The monitoring of ground and surface water quality has been carried out by the NABL accredited environmental laboratory. All the parameters are found within the prescribed limit.
xvii.	PP to install 1 continuous ambient air quality monitoring stations at suitable locations preferably village side with consultation of SPCB. The real time data so generated shall be uploaded on company website and linked it with website of CPCB & SPCB. In addition, data should also be displayed digitally at entry and exit gate of mine lease area for public display.	Being complied with. Continuous Ambient Air Quality Monitoring Station (CAAQMS) is installed at the designation site after getting site approval from WBPCB. Also data is being displayed digitally at entry and exit gate of mine lease area for public display.



xviii.	PP must explore innovative technology to recover methane from gases extracted from underground mine while venting.	Noted and the condition will be explored in future for its feasibility.
xix.	PP to install solar lights along the road used for transportation of minerals to avoid the accidents at night and also seek its maintenance. PP is asked to also identify the rural areas for installation of solar light with its maintenance within the study area of 10 km radius buffer zone within one year.	Agreed We will install solar lights along the road and in rural areas identified as per Need based assessment & SIA in various villages i.e. Nababpur, Shrikrishnapur, Amdahi, Sandipur, Baidyanathpur.
xx.	Proponent shall appoint an Occupational Health Specialist for Regular and Periodical medical examination of the workers engaged in the Project and maintain records accordingly; also, Occupational health check - ups for workers having some ailments like BP, diabetes, habitual smoking, etc. shall be undertaken once in six months and necessary remedial/ preventive measures taken accordingly. The Recommendations of National Institute for ensuring good occupational environment for mine workers shall be implemented. The prevention measure for burns, malaria and provision of anti- snake venom including all other paramedical safeguards may be ensured before initiating the mining activities.	Being complied.
xxi.	Persons of nearby villages shall be given training on livelihood and skill development to make them employable with its proper records.	Agreed Training on livelihood and skill development to nearby villagers employable will be given during development and operation phase under CER/ CSR scheme.
xxii.	The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/ night hours.	Being Complied with. The noise level at project site is within the prescribed limits for day light/ night hours by taking various mitigative measures. In order to ensure the effectiveness of mitigative measures the monitoring of noise level has been done by NABL Accredited Laboratory and found the noise level within the prescribed limit.
xxiii.	PP shall pay to farmers of agricultural land if there is any loss due to pollution found by concerned District Commissioner as per	Agreed A dedicated team to oversee environment



<p>extent rules or norms. PP should establish in house (at project site) environment laboratory for measurement of environment parameter with respect to air quality and water (surface and ground). A dedicated team to oversee environment management shall be setup which should be comprise of Environment Engineers, Laboratory chemist and staff for monitoring of air, water quality parameters on routine basis. Any non-compliance or infringement should be reported to the concerned authority.</p>	<p>management is being set up for monitoring of air, water quality parameters on routine basis. Any non-compliance or infringement will be reported to the concerned authority.</p>
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STATUTORY COMPLIANCE-STANDARD EC CONDITION APPLICABLE FOR COAL WASHERY

(a) Statutory Compliance:

Sr. No	Conditions	Reply
i.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non- forest purpose involved in the project.	Not applicable, as coal washery project is not proposed.
ii.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not applicable, as coal washery project is not proposed.
iii.	The project proponent shall prepare a Site - Specific Conservation Plan / Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site - Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six - monthly compliance report. (in case of the presence of schedule - I species in the study area).	Not applicable, as coal washery project is not proposed.
iv.	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board / Committee.	Not applicable, as coal washery project is not proposed.
v.	The project proponent shall obtain the necessary permission from the Central Ground Water Authority.	Not applicable, as coal washery project is not proposed.
vi.	Solid waste / hazardous waste generated in the washery needs to addressed in accordance to	Not applicable, as coal washery project is not proposed.



	the Solid Waste Management Rules, 2016/ Hazardous & Other Waste Management Rules, 2016.	
vii.	Coal beneficiation practices shall be carried out under strict adherence to provisions of the Factories Act, 1957 and subordinate legislations made there under.	Not applicable, as coal washery project is not proposed.
(b) Air quality monitoring and preservation:		
i.	Adequate ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for monitoring of pollutants, namely particulates, SO ₂ and NO _x . Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive receptors in consultation with the State Pollution Control Board. Monitoring of heavy metals such as Hg, As, Ni, Cd, Cr, etc. carried out at least once in six months.	Not applicable
ii.	Continuous ambient air quality monitoring stations as prescribed in the statute be established in the core zone as well as in the buffer zone for monitoring of pollutants, namely PM ₁₀ , PM _{2.5} , SO ₂ and NO _x . Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets in consultation with the State Pollution Control Board. Online ambient air quality monitoring stations may also be installed in addition to the regular monitoring stations as per the requirement and/or in consultation with the SPCB. Monitoring of heavy metals such as Hg, As, Ni, Cd, Cr, etc. to be carried out at least once in six months.	Not applicable
iii.	Transportation of coal by road shall be carried out by covered trucks/conveyors. The transportation of clean coal and rejects shall be by rail with wagon loading through silo. Effective measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulates such as roads, belt conveyors, loading / unloading and transfer points. Fugitive dust emissions from all sources shall	Not applicable



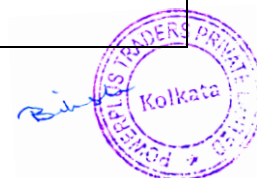
	be controlled at source. It shall be ensured that the ambient air quality parameters conform to the norms prescribed by the Central / State Pollution Control Board.	
iv.	All approach roads shall be black topped and internal roads shall be concreted. The roads shall be regularly cleaned. Coal transportation shall be carried out by covered trucks.	Not applicable
v.	Covered trucks shall be engaged for mineral transportation outside the washery up to the railway siding, shall be optimally loaded to avoid spillage en-route. Trucks shall be adequately maintained and emissions shall be below notified limits.	Not applicable
vi.	Facilities for parking of trucks carrying raw material from linked mine shall be created within the unit.	Not applicable
vii.	Vehicular emissions shall be kept under control and regularly monitored. The vehicles having 'PUC' certificate from authorized pollution testing centres shall be deployed for washery operations.	Not applicable
viii.	Hoppers of the coal crushing unit and other washery units shall be fitted with high efficiency bag filters/ mist spray water sprinkling system shall be installed and operated effectively at all times of operation to check fugitive emissions from crushing operations, transfer points of closed belt conveyor systems and from transportation roads.	Not applicable
ix.	The raw coal, washed coal and coal wastes (rejects) shall be stacked properly at earmarked site (s) within stockyards fitted with wind breakers/shields. Adequate measures shall be taken to ensure that the stored mineral does not catch fire.	Not applicable
x.	The temporary reject sites should appropriate planned and designed to avoid air and water pollution from such sites.	Not applicable
(c) Water quality monitoring and preservation		
i.	The effluent discharge (mine waste water, workshop effluent) shall be monitored in terms of the parameters notified under the Water Act, 1974 Coal Industry Standards vide GSR 742(E) dated 25.9.2000 and as amended from	Not applicable



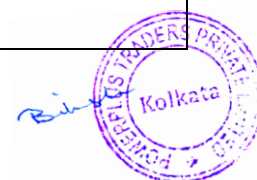
	time to time by the Central Pollution Control Board.	
ii.	The monitoring data shall be uploaded on the company's website and displayed at the project site at a suitable location. The circular No. J-20012/1/ 2006-1A.II(M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change shall also be referred in this regard for compliance.	Not applicable
iii.	Industrial waste water shall be properly collected and treated so as to conform to the standards prescribed under the Environment (Protection) Act, 1986 and the Rules made there under, and as amended from time to time.	Not applicable
iv.	The project proponent shall not alter major water channels around the site. Appropriate embankment shall be provided along the side of the river/nallah flowing near or adjacent to the washery. The embankment constructed along the river/nallah boundary shall be of suitable dimensions and critical patches shall be strengthened by stone pitching on the river front side stabilised with plantation so as to withstand the peak water pressure preventing any chance of inundation.	Not applicable
v.	Heavy metal content in raw coal and washed coal shall be analysed once in a year and records maintained thereof.	Not applicable
vi.	The rejects should preferably be utilized in FBC power plant or disposed off through sale for its gainful utilization. If the coal washery rejects are to be disposed off, it should be done in a safe and sustainable manner with adequate compaction and post closure arrangement to avoid water pollution due to leachate from rejects and surface run off from reject dumping sites.	Not applicable
vii.	An Integrated Surface Water Management Plan for the washery area up to its buffer zone considering the presence of any river / rivulet / pond / lake etc. with impact of coal washing activities on it, shall be prepared, submitted to MoEFCC and implemented.	Not applicable
viii.	Waste Water shall be effectively treated and recycled completely either for washery operations or maintenance of green belt around the plant.	Not applicable
ix.	Rainwater harvesting in the washery premises shall be implemented for conservation and augmentation of ground water resources in consultation with Central Ground Water Board.	Not applicable



x.	No ground water shall be used for coal washing unless otherwise permitted in writing by competent authority (CGWA) or MoEFCC. The make - up water requirement of washery should not exceed 1.5 m ³ / tonne of raw coal.	Not applicable
xi.	Regular monitoring of ground water level and quality shall be carried out in and around the mine lease area by establishing a network of existing wells and constructing new piezometers during the mining operations. The monitoring of ground water levels shall be carried out four times a year i.e. pre - monsoon, monsoon, post - monsoon and winter. The ground water quality shall be monitored once a year, and the data thus collected shall be sent regularly to MOEFCC / RO.	Not applicable
xii.	Monitoring of water quality upstream and downstream of water bodies shall be carried out once in six months and record of monitoring data shall be maintained and submitted to the Ministry of Environment, Forest and Climate Change / Regional Office.	Not applicable
xiii.	The project proponent shall take all precautionary measures to ensure riverine / riparian ecosystem in and around the coal mine up to a distance of 5 km. A riverine / riparian ecosystem conservation and management plan should be prepared and implemented in consultation with the irrigation/ water resource department in the state government.	Not applicable
(d) Noise and Vibration Monitoring and Prevention		
i.	Adequate measures shall be taken for control of noise levels as per noise pollution Rules, 2016 in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with personal protective equipments (PPE) like ear plugs/ muffs in conformity with the prescribed norms and guidelines in this regard. Adequate awareness programme for users to be conducted. Progress in usage of such accessories to be monitored.	Not applicable
ii.	The noise level survey shall be carried out as per the prescribed guidelines to assess noise exposure of the workmen at vulnerable points in the mine premises, and report in this regard shall be submitted to the Ministry / RO on six - monthly basis.	Not applicable
(e) Coal Beneficiation		
i.	Coal stacking plan shall be prepared separately for raw coal, clean coal, middling and rejects.	Not applicable



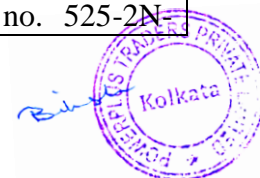
ii.	Efforts should be made to reduce energy consumption by conservation, efficiency improvements and use of renewable energy.	Not applicable
(f) Green Belt		
i.	Three tier greenbelt comprising of a mix of native species, of minimum 30 m width shall be developed all along the washery area to check fugitive dust emissions and to render aesthetic to neighbouring stakeholders. A 3-tier green belt comprising of a mix of native species or tree species with thick leaves shall be developed along vacant areas, storage yards, loading / transfer points and also along internal roads/ main approach roads.	Not applicable
ii.	The project proponent shall make necessary alternative arrangements, if grazing land is involved in core zone, in consultation with the State government to provide alternate areas for livestock grazing, if any. In this context, the project proponent shall implement the direction of Hon'ble Supreme Court with regard to acquiring grazing land.	Not applicable
(g) Public Hearing and Human Health Issues		
i.	Adequate illumination shall be ensured in all mine locations (as per DGMS standards) and monitored weekly. The report on the same shall be submitted to this ministry & its RO on six-monthly basis.	Not applicable
ii.	The project proponent shall undertake occupational health survey for initial and periodical medical examination of the personnel engaged in the project and maintain records accordingly as per the provisions of the Mines Rules, 1955 and DGMS circulars. Besides regular periodic health check - up, 20% of the personnel identified from workforce engaged in active mining operations shall be subjected to health check-up for occupational diseases and hearing impairment, if any as amended time to time.	Not applicable
iii.	Personnel (including outsourced employees) working in core zone shall wear protective respiratory devices and shall also be provided with adequate training and information on safety and health aspects.	Not applicable
iv.	Implementation of the action plan on the issues raised during the public hearing shall be ensured. The project proponent shall undertake all the tasks/measures as per the action plan submitted with budgetary provisions during the public hearing. Land oustees shall be compensated as per the norms laid down in the	Not applicable



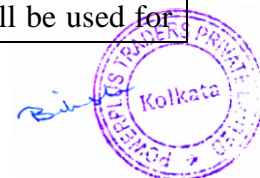
	R&R policy of the company/State Government/Central Government, as applicable.	
v.	The project proponent shall follow the mitigation measures provided in this Ministry's OM No.Z- 11013/57/2014-IA.II(M) dated 29 th October, 2014, titled 'Impact of mining activities on habitations- issues related to the mining projects wherein habitations and villages are the part of mine lease areas or habitations and villages are surrounded by the mine lease area'.	Not applicable
(h) Corporate Environment Responsibility		
a)	Fund allocation for Corporate Environment Responsibility (CER) shall be made as per Ministry's O.M. No. 22-65 /2017-IA.III dated 30 th September 2020 and based on commitment made during public consultation process for incorporating in EIA-EMP for deliberation of EAC.	Not applicable
b)	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any Infringements / deviation / violation of the environmental forest wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	Not applicable
c)	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	Not applicable
d)	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/ Regional Office along with the Six Monthly Compliance Report.	Not applicable



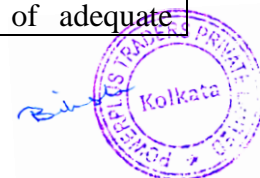
e)	Self - environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Not applicable
Grant of EC Is Further Subject To Compliance of The Standard EC Conditions As Under:		
a)	Statutory Compliance	
i.	The environmental clearance shall be subject to orders of Hon'ble Supreme Court of India, Hon'ble High Courts, NGT and any other Court of Law, from time to time, and as applicable to the project.	Agreed & Noted
ii.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.	No forest land is involved. A certificate mentioned "no forest land involved" also issued by Divisional Forest Officer, Durgapur and Burdwan Division separately vide their memo no. 3359 dated 01/11/2021 and 2010/8 dated 24/08/2021. Copy of the same is already submitted to competent authority in EC compliance (Dec-2022) vide letter no- PTPL/JAG-B/EC-Com.Rep/Dec2022 dated 24.11.2022
iii.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	The Wild Life (Protection) Act, 1972 is not applicable for this project. The project does not falls in and any Eco Sensitive Zone (ESZ) of National Park, Wild Life Sanctuary, Conservator Reserve, etc. A certificate also issued in this regards by The Principal Chief Conservator of Forest, WL & CWLW, West Bengal vide their memo no. 2729/WL/2W-167/2016 dated 13/09/2022. Copy of the same is already submitted to competent authority in EC compliance (Dec-2022) vide letter no- PTPL/JAG-B/EC-Com.Rep/Dec 2022 dated 24.11.2022.
iv.	The project proponent shall prepare a Site - Specific Conservation Plan/ Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six - monthly compliance report. (in case of the presence of schedule-1 species in the study area).	Not applicable
v.	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board / Committee.	Consent to Establish (CTE) under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 has been obtained from West Bengal Pollution Control Board (WBPCB) vide NOC No- 172012 dated 18.10.2022 issued vide memo no. 525-2N-



		11/2022(E). We will obtain Consent to Operate before starting of coal production. Copy of NOC is already submitted to competent authority in EC compliance (Dec-2022) vide letter no- PTPL/JAG-B/EC-Com.Rep/Dec 2022 dated 24.11.2022.
vi.	The project proponent shall obtain the necessary permission from the Central Ground Water Authority.	Reply to the subject condition is already made in <i>point no-ii of specific condition</i> .
vii.	Solid waste / hazardous waste generated in the mines needs to addressed in accordance to the Solid Waste Management Rules, 2016 / Hazardous & Other Waste Management Rules, 2016.	Agreed. The sludge generated from water treatment plant and STP will be used for gardening and green belt development. The sludge generated from ETP will be send to Common Hazardous Waste Treatment, Storage and Disposal Facility (CHWTSDF) as per HZW Rules, 2016.
b) Air Quality Monitoring and Preservation		
i.	Adequate ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for monitoring of pollutants, namely particulates, SO ₂ , and NO _x . Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive receptors in consultation with the State Pollution Control Board. Monitoring of heavy metals such as Hg, As, Ni, Cd, Cr, etc. to be carried out at least once in six months. Online ambient air quality monitoring station / stations may also be installed in addition to the regular air monitoring stations as per the requirement and/ or in consultation with the SPCB.	Being complied with Continuous Ambient Air Quality Monitoring Station (CAAQMS) is installed at the designation site after getting site approval from WBPCB. Also data is being displayed digitally at entry and exit gate of mine lease area for public display. In order to ensure the effectiveness of mitigation method adopted third party monitoring from NABL accredited laboratory has been done.
ii.	The Ambient Air Quality monitoring in the core zone shall be carried out to ensure the Coal Industry Standards notified vide GSR 742(E) dated 25.9.2000 and as amended from time to time by the Central Pollution Control Board. Data on ambient air quality and heavy metals such as Hg, As, Ni, Cd, Cr and other monitoring data shall be regularly reported to the Ministry / Regional Office and to the CPCB / SPCB.	Being complied with Effective measures will be implemented to ensure Ambient Air Quality parameters be within as per Coal Industry Standards notified vide GSR 742(E) dated 25.9.2000. In order to ensure the effectiveness of mitigation method adopted third party monitoring from NABL accredited laboratory has been done.
iii.	Transportation of coal, to the extent permitted by road, shall be carried out by covered trucks / conveyors. Effective control measures such as regular water sprinkling / rain gun / mist sprinkling etc., shall be carried out in critical areas prone to air pollution with higher level of particulate matter all through the coal transport roads, loading / unloading and transfer points.	Agreed Effective control measures will be implemented in critical areas prone to air pollution and will be ensured emission parameter to be in norms prescribed by CPCB/SPCB. The steps to be adopted are: a) Covered trucks/conveyors will be used for



	Fugitive dust emissions from all sources shall be controlled regularly. It shall be ensured that the ambient air quality parameters conform to the norms prescribed by the Central / State Pollution Control Board.	transportation of the mineral/ material. b) Installing ~191 water sprinklers for dedicated road from mining to Deul More and 100 numbers along the separate transportation route. c) 05 nos of fog cannons of at least 40 mtrs throw shall be installed at coal storage yard and in nearby villages. d) 10 mtrs width tree plantation of broad leaves and wind break/green-shield of about 10 mts height along the boundary of coal storage yard.
iv.	Major approach roads shall be black topped and properly maintained.	Agreed. As per approved mining plan, a metalled approachable road will be constructed from deul more to mine infrastructure area of a distance of 6.5 km length. Proper maintenance will be taken cares. Also water sprinklers at fixed interval will be installed to supress dust emission during movement of vehicles.
v.	The transportation of coal shall be carried out as per the provisions and route proposed in the approved mining plan. Transportation of the coal through the existing road passing through any village shall be avoided. In case, it is proposed to construct a 'bypass' road, it should be so constructed that the impact of sound, dust and accidents could be appropriately mitigated.	Agreed Coal will be transported only by the route as mentioned and proposed in approved mining plan.
vi.	Vehicular emissions shall be kept under control and regularly monitored. All the vehicles engaged in mining and allied activities shall operate only after obtaining 'PUC' certificate from the authorized pollution testing centres.	Being complied with Only PUC certified vehicles is being engaged in mining and allied activities. Regular maintenance of engaged vehicles is being carried out.
vii.	Coal stock pile / crusher / feeder and breaker material transfer points shall invariably be provided with dust suppression system. Belt-conveyors shall be fully covered to avoid air borne dust. Side cladding all along the conveyor gantry should be made to avoid air borne dust. Drills shall be wet operated or fitted with dust extractors.	Agreed. Adequate dust suppression system will be installed in critical areas prone to air pollution.
viii.	Coal handling plant shall be operated with effective control measures w.r.t. various environmental parameters. Environmental friendly sustainable technology should be implemented for mitigating such parameters.	Agreed Adequate measures like regular water sprinkling / rain gun, use of movable water tanker, vacuum sweeper machine, fog mist water canon system etc. will be adopted to control fugitive dust emission, which will be environmental friendly.
c) Water Quality Monitoring and Preservation		
i.	The effluent discharge (mine waste water,	Agreed. Water treatment plant of adequate



	workshop effluent) shall be monitored in terms of the parameters notified under the Water Act, 1974 Coal Industry Standards vide GSR 742(E) dated 25.9.2000 and as amended from time to time by the Central Pollution Control Board.	capacity will be installed to treat mine water. No untreated water will be discharged from mine boundaries to pond / nallah / river. In order to ensure the efficiency of treatment plant monitoring of inlet & outlet water from NABL/ WBPCB/ MoEF accredited laboratory will be carried out in a time bound manner and report will be submitted to competent authority.
ii.	The monitoring data shall be uploaded on the company's website and displayed at the project site at a suitable location. The circular No. J-20012/1/2006-IA.II (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change shall also be referred in this regard for its compliance.	Being complied with. Data is being displayed at entry and exit gate of mine lease area for public display. Also Six monthly EC compliance is being uploaded on company's website http://www.powerplustraders.com/EHS.php
iii.	Regular monitoring of ground water level and quality shall be carried out in and around the mine lease area by establishing a network of existing wells and constructing new piezometers during the mining operations. The monitoring of ground water levels shall be carried out four times year i.e. pre - monsoon, monsoon, post - monsoon and winter. The ground water quality shall be monitored once a year, and the data thus collected shall be sent regularly to MOEFCC/RO.	Being complied with The monitoring of ground water levels will be carried out by NABL/ WBPCB/ MoEF accredited laboratory four times a year i.e. pre – monsoon, monsoon, post – monsoon and winter. The monitoring of ground water quality has been done by the NABL accredited environmental laboratory. All the parameters are found within the prescribed limit.
iv.	Monitoring of water quality upstream and downstream of water bodies shall be carried out once in six months and record of monitoring data shall be maintained and submitted to the Ministry of Environment, Forest and Climate Change / Regional Office.	Being complied with The monitoring of water quality upstream and downstream of water bodies has been done by the NABL accredited environmental laboratory. All the parameters are found within the prescribed limit.
v.	Ground water, excluding mine water, shall not be used for mining operations. Rainwater harvesting shall be implemented for conservation and augmentation of ground water resources.	Agreed No ground water will be extracted during the mining operation excluding mine water. 02 nos. Rainwater harvesting structure to be constructed to conserve and reuse of rain water.
vi.	The project proponent shall not alter major water channels around the site. Appropriate embankment shall be provided along the side of the river / nallah flowing near or adjacent to the mine. The embankment constructed along the river / nallah boundary shall be of suitable dimensions and critical patches shall be strengthened by stone pitching on the river front side, stabilized with plantation so as to withstand the peak water pressure preventing any chance of mine inundation.	Agreed. No alteration will be carried out.
vii.	Garland drains (of suitable size, gradient and	Agreed



	length) around the critical areas i.e. mine shaft and low lying areas, shall be designed keeping at least 50% safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the mine sites. The sump capacity shall also provide adequate retention period to allow proper settling of silt material of the surface runoff.	A garland drains has been constructed in the low lying area at mine site keeping 50% safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the mine sites. Photographs of garland drain is given below:
viii.	The water pumped out from the mine, after siltation, shall be utilized for industrial purpose viz, watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly.	Agreed A Water Treatment Plant is proposed for pump out mine water. After treatment the water will be utilized for various industrial purposes i.e. construction and maintenance of roads, green belt development, dust suppression, irrigation purpose for villagers, etc.
ix.	Industrial waste water from coal handling plant and mine water shall be properly collected and treated so as to conform to the standards prescribed under the Environment (Protection) Act, 1986 and the Rules made thereunder, and as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluent. Sewage treatment plant of adequate capacity shall be installed for treatment of domestic waste water.	Agreed Water, effluent and sewage treatment plant with integrated oil and grease tarp of adequate capacity is proposed to be installed for treatment of generated polluted waste water.
x.	Adequate groundwater recharge measures shall be taken up for augmentation of ground water. The project authorities shall meet water requirement of nearby village (s) in case the village wells go dry due to dewatering of mine.	Agreed RWH structure will be constructed, rainwater will reuse for industrial purpose. Treated mine water will be used for industrial purpose and provided to the nearby villagers for irrigation and recharging of ponds, wherever required. We will fulfil water requirement of nearby village (s) in case the village wells go dry due to dewatering of mine.
xi.	The surface drainage plan including surface water conservation plan for the area of influence affected by the said mining operations shall be prepared, considering the presence of any river / rivulet / pond / lake etc., with impact of mining activities on it, and implemented by the project proponent. The surface drainage plan and / or any diversion of natural water courses shall be as per the provisions of the approved Mining Plan / EIA EMP submitted to this Ministry and the same should be done with due approval of the concerned State / GoI Authority. The construction of embankment to prevent any danger against inrush of surface water into the mine should be as per the approved mining plan and as per the permission of DGMS.	Agreed Renovation of pond will be carried out in consultation with concern gram panchayat, in the following villages: Dhabani, Parulia, Jamgara, Laudoha, Banagram, Sahapur & Jaganathpur. There is no proposal for any diversion of natural water courses and in this regard no approval is required from concerned State / GoI Authority.



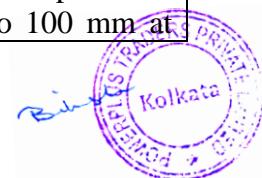
xii.	The project proponent shall take all precautionary measures to ensure reverian / riparian ecosystem in and around the coal mine upto a distance of 5 km. A reverian / riparian ecosystem conservation and management plan should be prepared and implemented in consultation with the irrigation / water resource department in the state government.	<p>Agreed & Noted.</p> <p>Bio indicator species will be planted all along project area up to a distance of 5 km.</p> <p>Though all types of sensitive species can be used in monitoring pollution, most useful and commonly used plants include sensitive species of lichens, mosses, plankton algae, aquatic ferns and angiosperms, other ferns, conifers oaks and many crop plants. Examples of some common types of plants useful as pollution monitors are <i>Sphagnum acutifolia</i>, <i>Fontinalis antipyretica</i>, <i>F. squamosa</i>, <i>Microcystis</i>, <i>Scendesmus</i>, <i>Chlorella</i>, <i>Hydrodictyon</i>, <i>Cladophora</i>, <i>Stigoclonium</i>, <i>Diatoms</i> <i>Azolla</i>, <i>Salvinia</i>.</p> <p>Some of the parameters which will be studied in post EC monitoring of the ponds and aquatic bodies found in the study area are decrease in the densities of sensitive species and increase in the density of tolerant species, absence of highly sensitive species, changes in the species composition of vegetation and distribution pattern of populations in the area. Such studies indicate the type and concentration of pollutant(s) as well as the spread of the pollution problem in the area.</p>
d) Noise and Vibration Monitoring and Prevention		
i.	Adequate measures shall be taken for control of noise levels below 85 dB (A) in the work environment. Workers engaged in underground mining operations, operation of HEMM, etc. shall be provided with personal protective equipments (PPE) like ear plugs / muffs in conformity with the prescribed norms / guidelines in this regard. Progress in usage of such accessories to be monitored. Adequate awareness programme for users to be conducted.	<p>Agreed</p> <p>Regular maintenance, oil and greasing of machineries will be carried out during production of coal. Usage of PPE's kit will be made compulsory inside the mine and will be monitored. Appropriate PPE's kit like ear plugs / muffs in conformity with the prescribed norms / guidelines will be provided during mining operation.</p>
ii.	The noise level survey shall be carried out as per the prescribed guidelines to assess noise exposure of the workmen at vulnerable points in the mine premises, and report in this regard shall be submitted to the Ministry / RO on six - monthly basis.	<p>Being complied with</p> <p>Noise level survey is being carried out by NABL accredited laboratory and found the noise level within the prescribed limit.</p>
e) Mining Plan		
i.	Mining shall be carried out under strict adherence to provisions of the Mines Act 1952 and subordinate legislations made there - under as applicable.	Agreed and Noted
ii.	No change in mining method i.e. UG to OC,	Noted and agreed



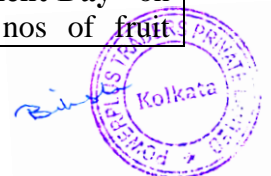
	calendar programme and scope of work shall be made without obtaining prior approval of the Ministry of Environment, Forests and Climate Change (MoEFCC).	
iii.	Mining shall be carried out as per the approved mining plan (including mine closure plan) abiding by mining laws related to coal mining and the relevant circulars issued by Directorate General Mines Safety (DGMS).	Agreed Mining will be done as per approved mining plan, and during operation all relevant coal mining laws and circulars of DGMS will be followed.
iv.	Underground work place environmental conditions shall be rendered ergonomic and air breathable with adequate illumination in conformance with DGMS standards.	Agreed We've proposed to install one mechanical Ventilator of high capacity on surface through evacuee. The exhaust fan will have the provision of variable pitch of blades to improve the quantity of air required in future.
v.	No mining activity shall be carried out in forest land without obtaining Forestry Clearance as per Forest (Conservation) Act, 1980 and also adhering to The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 read with provisions of Indian Forest Act, 1927.	No forest land is involved.
vi.	Efforts should be made to reduce energy and fuel consumption by conservation, efficiency improvements and use of renewable energy.	Agreed a. Solar panels, electric vehicles for conveyance will be deployed to reduce energy and fuel consumption. b. Solar panels will be installed for surface infrastructure and workshop, and electric vehicles will be preferred instead of petrol/diesel for conveyance of staff/mine workers. c. If possible in future, electric heavy vehicles will be preferred for transportation of coal.
f)	Land Reclamation	
i.	Digital Survey of entire lease hold area / core zone using Satellite Remote Sensing survey shall be carried out at least once in three years for monitoring land use pattern and report in 1 : 50,000 scale or as notified by Ministry of Environment, Forest and Climate Change (MOEFCC) from time to time shall be submitted to MOEFCC/ Regional Office (RO).	Agreed Digital Survey will be carried out at least once in three years for monitoring land use pattern from recognised consultant and report in 1 : 50,000 scale or as notified by Ministry of Environment, Forest and Climate Change (MOEFCC) will be submitted to MOEF&CC/RO.
ii.	Post-mining land be rendered usable for agricultural / forestry purposes and shall be handed over to the respective State Government, as specified in the Guidelines for Preparation of Mine Closure Plan, issued by the Ministry of Coal dated 27 th August, 2009 and subsequent amendments.	Agreed After post mining the land will be rendered as per the approved mine closure plan.



iii.	Regular monitoring of subsidence movement on the surface over and around the working areas and its impact on natural drainage pattern, water bodies, vegetation, structure, roads and surroundings shall be continued till movement ceases completely. In case of observation of any high rate of subsidence beyond the limit prescribed, appropriate effective mitigation measures shall be taken to avoid loss of life and materials. Cracks should be effectively plugged in with ballast and clay soil / suitable material.	<p style="text-align: center;">Agreed.</p> <p>Regular detailed monitoring of subsidence movement will be carried out.</p> <p>In case of observation of any high rate of subsidence beyond the limit prescribed, appropriate effective mitigation measures shall be taken to avoid loss of life and materials. Cracks should be effectively plugged in with ballast and clay soil / suitable material.</p>
iv.	Fly ash shall be used for external dump of overburden, backfilling or stowing of mine as per provisions contained in clause (i) and (ii) of subparagraph (8) of fly ash notification issued vide SO 2804 (E) dated 3 rd November, 2009 as amended from time to time. Efforts shall be made to utilize gypsum generated from Flue Gas Desulfurization (FGD), if any, along with fly ash for external dump of overburden, backfilling or stowing of mines. Compliance report shall be submitted to Regional Office of MoEF&CC, CPCB and SPCB.	Approved mine closure plan will be followed.
v.	A separate team for subsidence monitoring and surface mitigation measures shall be constituted and continuous monitoring & implementation of mitigation measures be carried out.	<p style="text-align: center;">Agreed.</p> <p>We'll prepare a separate team for subsidence monitoring and implementation of mitigation measures. The following subsidence aspects and remedial measures are proposed for the safety of surface structures and mining operation:</p> <ol style="list-style-type: none"> 1) There are number of villages and surface structures within the coal block. Hence, AoD of 22° was taken into account for design of all proposed panels to err on the side of the safety. The influence of subsidence would not affect any surface structure. 2) Maximum anticipated subsidence of 4098 mm would affect the surface topography after mining. Suitable drainage should be made to avoid any water logging in the centre of subsidence troughs. 3) The cumulative predicted maximum compressive strain and tensile strain at the surface of 10.0 mm/m and 9.1 mm/m respectively would lead to development of cracks with crevices of 60 to 100 mm at



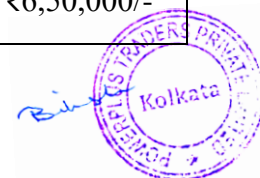
		<p>the surface. The surface cracks formed during extraction should immediately be filled in with soil/mitti to prevent breathing of air and inflow of water to the underground workings.</p> <p>4) Embankment with an elevation above HFL is advisable be erected on the west side of the Ajay river subject to actual ground topography. This exercise will be conducted within a span of 10 years.</p>
vi.	Thorough inspection of the mine lease area for any cracks developed at the surface due to mining activities below ground shall be carried out to prevent inrush of water in the mine.	<p>Agreed</p> <p>During the mining operation in underground, regular monitoring of surface will be carried out by a monitoring team to prevent inrush of water in the mine.</p>
vii.	Native tree species shall be selected and planted over areas affected by subsidence.	<p>Agreed</p> <p>Native tree species along with pollution indicative species/ bio indicator species will be selected and planted for fast growing over area affected by subsidence.</p>
viii.	The project proponent shall make necessary alternative arrangements, if grazing land is involved in core zone, in consultation with the State government to provide alternate areas for livestock grazing, if any. In this context, the project proponent shall implement the directions of Hon'ble Supreme Court with regard to acquiring grazing land.	<p>Noted.</p>
g)	Green Belt	
i.	The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered flora / fauna, if any, spotted / reported in the study area. Action plan, in this regard, if any, shall be prepared and implemented in consultation with the State Forest and Wildlife Department.	<p>Agreed</p> <p>No endangered flora/ fauna/ Schedule-I is found during collection of baseline data. Even then we'll take all precautionary measures during mining operation for conservation and protection of native flora / fauna.</p>
ii.	Greenbelt, consisting of three-tier plantation, of width not less than 7.5 m, shall be developed all along the mine lease area in a phased manner. The green belt comprising of a mix of native species shall be developed all along the major approach roads / coal transportation roads.	<p>Being Complied with</p> <ul style="list-style-type: none"> • 10 mtrs width tree plantation of broad leaves and wind break/green-shield of about 10 mts height along the boundary of coal storage yard. • Total 23000 nos. of saplings of native species already planted in project area till October, 2024 with 69% survival rate. For greenbelt development dedicated manpower is engaged for regular monitoring, gap filling and their proper growth. • On the occasion of "Environment Day" on 5th June, 2025 a total 100 nos of fruit



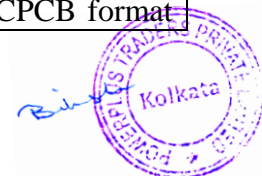
		bearing saplings is distributed among the school children and nearby villagers
h) Public Hearing and Human Health Issues		
i.	Adequate illumination shall be ensured in all mine locations (as per DGMS standards) and monitored.	Being complied with. Lighting facilities in night is being setup at all places of mine site wherever is required.
ii.	The Project Proponent shall undertake Occupational Health survey for initial and Periodical medical examination of the workers engaged in the Project and maintain records accordingly as per the provisions of the Mines Rules, 1955 and DGMS Circulars. Besides carrying out regular periodic health check - up of their workers, 20 % of the workers engaged in active mining operations shall be subjected to health check - up for occupational diseases and hearing impairment, if any.	Being Complied. Occupational health of staff and workers carried out at pre-entry level and later on regular medical check-up in this respect extended on an annual basis to detect early incidence of diseases and for prompt remedial medical interventions in this respect. Necessary personal data cards in this respect is maintained for effective monitoring and application of medical services required in the matter. All occupational health and safety activities is being done as per DGMS guidelines. Safety matters will be reviewed once in 15 days by safety officer regularly so as to take urgent and effective measures to prevent unsafe operations and practices with a view to prevent accidents, injuries, etc.
iii.	Personnel (including outsourcing employees) working in dusty areas shall wear protective respiratory devices and shall also be provided with adequate training and information on safety and health aspects.	Being complied with The Personal Protective Equipment (PPE's) will be provided to the workers working in the dusty areas and will be regularly monitored. Training and information will be provided for safety and health aspects.
iv.	Skill training as per safety norms specified by DGMS shall be provided to all workmen including the outsourcing employees to ensure high safety standards in mines.	Being Complied with. Safety officer is hired for providing skill training as per safety norms specified by DGMS to all workers including the outsourcing employees to ensure high safety standards at mine site.
v.	Effective arrangement shall be made to provide and maintain at suitable points conveniently situated, a sufficient supply of drinking water for all the persons employed.	Complied. Adequate drinking water facility is provided to all the persons employed during construction phase, also provided during operation phase.
vi.	Implementation of Action Plan on the issues raised during the Public Hearing shall be ensured. The Project Proponent shall undertake all the tasks as per the Action Plan submitted with budgetary provisions during the Public Hearing. Land oustees shall be compensated as per the norms laid out R & R Policy of the	Agreed A time bound action plan has been prepared for addressing all the issues raised during the Public Hearing and will be implemented within the time frame.



	Company / or the National R&R Policy / R&R Policy of the State Government, as applicable.	
vii.	The project proponent shall follow the mitigation measures provided in this Ministry's OM No. Z-11013/5712014-IA.II(M) dated 29 th October, 2014, titled 'Impact of mining activities on habitations - issues related to the mining projects wherein habitations and villages are the part of mine lease areas or habitations and villages are surrounded by the mine lease area.	Agreed We'll follow the mitigation measures stated in this Ministry's OM No. Z-11013/5712014-IA.II (M) dated 29 th October, 2014.
i)	Corporate Environment Responsibility	
i.	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements / deviation / violation of the environmental forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six - monthly report.	Complied Company has well laid down environmental policy duly approve by the Board of Directors. Copy of Environmental Policy is already submitted to competent authority in EC compliance (Dec-2022) vide letter no- PTPL/JAG-B/EC-Com.Rep/Dec 2022 dated 24.11.2022. The environment policy is dully approved by the board of the company. Copy of the board resolution is already submitted to competent authority in EC compliance (Dec-2022) vide letter no- PTPL/JAG-B/EC-Com.Rep/Dec 2022 dated 24.11.2022.
ii.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	Complied. A separate Environmental cell both at project and company head quarter is in place.
iii.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry / Regional Office along with the Six Monthly Compliance Report.	Being Complied with. Appropriate fund is allocated under the head of EMP capital cost of Rs. 41.52 Cr & Recurring expenditure is envisaged as Rs. 9.26 Crores/year. Further capital cost for environmental monitoring is Rs. 300 Lakhs and recurring cost is Rs. 157.00 Lakhs/year. The amount spent for implementation of EMP till October, 2024 on the following heads: 1. Installation of Continuous Ambient Air Quality Monitoring Station (CAAQMS): ₹35,80,044/- 2. Greenbelt Development: ₹16,72,500/- 3. CSR/CER: 6,20,000/- 4. Environmental Monitoring: ₹1,06,200/- 5. Sewage Treatment Plant (STP): ₹14,00,000/- 6. Fog Mist Water Canon System: ₹6,50,000/-



		<p>A total amount of ₹79.68 Lac has been spent for implementing the EMP.</p> <p>Year wise progress of implementation of action plan is being submitted along with the Six Monthly Compliance Report.</p>
iv.	Self-Environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Agreed & Noted.
j)	Miscellaneous	
i.	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	<p>Complied</p> <p>Public notice for grant of Environmental Clearance has been given in to local newspaper that are widely circulated in the region are:</p> <ul style="list-style-type: none"> • “AAJKAL” in vernacular language (Bengali) dated 02.09.2022 and • “THE ECHO OF INDIA” in English language on dated 02.09.2022 <p>Copy of both the newspaper advertisement is already submitted to competent authority in EC compliance (Dec-2022) vide letter no-PTPL/JAG-B/EC-Com.Rep/Dec 2022 dated 24.11.2022.</p>
ii.	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	<p>The copies of the environmental clearance have been submitted to the Heads of local bodies, Panchayat and Municipal Bodies (<i>DM, Paschim Bardhaman, ADM, Paschim Bardhaman, Sub-Divisional Officer, Durgapur Sub-Division, BDO, Durgapur-Faridpur Block, BDO, Kanksa Block, GM, D.I.C., Paschim Bardhaman, Sabhadhipati, Paschim Bardhaman Zila Parishad, Sabhapati, Durgapur-Faridpur Panchayat Samity, Kanksa Panchayat Samity, Gour Bazar Gram Panchayat, Bidbehar Bazar Gram Panchayat AND Pratappur Bazar Gram Panchayat</i>).</p> <p>Copy of the intimation letter is already submitted to competent authority in EC compliance (Dec-2022) vide letter no-PTPL/JAG-B/EC-Com.Rep/Dec 2022 dated 24.11.2022.</p>
iii.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	<p>Being complied with</p> <p>The environmental clearance and status of compliance of the stipulated environment clearance conditions, including results of monitored data is/ will be uploaded on the website of the company http://www.powerplustraders.com/EHS.php</p>
iv.	The project proponent shall monitor the criteria pollutants level namely; PM ₁₀ , SO ₂ , NO _x (ambient levels) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for	<p>Being complied with.</p> <p>The criteria pollutants level namely; PM₁₀, PM_{2.5}, SO₂, NO_x (ambient levels) is being monitored by CAAQMS. Value of pollutants is being displayed on board as per CPCB format</p>



	disclosure to the public and put on the website of the company.	at entry and exit gate of mine lease area for disclosure to the public and also uploaded on the website of the company http://www.powerplustraders.com/EHS.php
v.	The project proponent shall submit six - monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Being Complied In compliance to this point, this report is being submitted. The last compliance report for the period October, 2023 to March, 2024 has been submitted to MoEF&CC vide our letter no. PTPL/JAG-B/EC-Com.Rep/June 2024 Date: 24/05/2024 and also uploaded on the website of the MoEF&CC at environment clearance portal.
vi.	The project proponent shall follow the mitigation measures provided in this Ministry's OM No.Z-11013/5712014-IA.II(M) dated 29 th October, 2014, titled "Impact of mining activities on habitations-issues related to the mining projects wherein habitations and villages are the part of mine lease areas or habitations and villages are surrounded by the mine lease area".	Being complied with. We'll follow the mitigation measures stated in this Ministry's OM No. Z-11013/5712014-IA.II (M) dated 29 th October, 2014.
vii.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Agreed We'll submit the environmental statement for each financial year in Form-V to the WBPCB as prescribed under the Environment (Protection) Rules, 1986 post operation of the mine.
viii.	The project authorities shall inform to the Regional Office of the MOEFCC regarding commencement of mining operations.	Agreed The project is in development/ construction phase. CTE and other statutory clearance are obtained from competent authority. We'll inform to the Regional Office of the MOEFCC before starting of mining operations.
ix.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Noted All the relevant stipulations made by the West Bengal Pollution Control Board and the State Government will be complied. In this connection CTE and other statutory clearance are obtained from competent authority.
x.	The project proponent shall abide by all the commitments and recommendations made in the EIA / EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Noted and is being complied in a time bound manner.



xi.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change.	Agreed
xii.	Concealing factual data or submission of false / fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted
xiii.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted & Agreed
xiv.	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Agreed & Noted.
xv.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.	Agreed & Noted.
xvi.	The above conditions shall 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, Hazardous and Other Wastes (Management and Trans-boundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	Agreed & Noted.
5	The proponent shall abide by all the commitments and recommendations made in the EIA / EMP report and also that during presentation to the EAC. All the commitments made on the issues raised during public hearing shall also be implemented in letter and spirit.	Agreed, we'll abide all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
6	The proponent shall obtain all necessary clearances / approvals that may be required before the start of the project. The Ministry or any other competent authority may stipulate any further condition for environmental protection. The Ministry or any other competent authority may stipulate any further condition for environmental protection.	Agreed & Noted.
7	Any appeal against this environmental clearance shall lie with the National Green	Noted.



	Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	
8	The coal company/project proponent shall be liable to pay the compensation against the illegal mining, if any, and as raised by the respective State Governments at any point of time, in terms of the orders dated 2 nd August, 2017 of Hon'ble Supreme Court in WP (Civil) No. 114/2014 in the matter of 'Common Cause Vs Union of India & others.	Agreed & Noted.
9	The concerned State Government shall ensure no mining operations to commence till the entire compensation for illegal mining, if any, is paid by the project proponent through their respective Department of Mining & Geology, in strict compliance of the judgement of Hon'ble Supreme Court.	Agreed & Noted.
10	This Environmental Clearance shall not be operational till such time the project proponent complies with the above said judgement of Hon'ble Supreme Court, as applicable, and other statutory requirements.	Agreed & Noted.

