

Half Yearly Compliance Report**2026****01 Jun(01 Oct - 31 Mar)****Acknowledgement**

Proposal Name	Expansion in Narayanposhi Iron & Manganese Ore Mine [ML Area 347.008 Ha (As per DGPS)/349.254 Ha (As per ROR)] with Iron Ore (ROM 10 MTPA & OB 4.216 MTPA) Total Excavation 14.216 MTPA & with Manganese Ore (ROM 0.036 MTPA & OB 0.223 MTPA) Total Excavation 0.259 MTPA along with Mobile Crushing & Screening Plant (400TPHx10 Nos & 250TPHx07 Nos), CPU 2000TPH, Grinding & Beneficiation Plant 6.0MTPA for Mineral Processing & Slurry Pumping Station to transport Iron Ore Concentrate at Sundargarh, Odisha		
Name of Entity / Corporate Office	JSW STEEL LTD		
Village(s)	FOREST		
District	SUNDARGARH		
Proposal No.	IA/OR/MIN/482860/2024	Category	Non-Coal Mining
Plot / Survey / Khasra No.	Kathamala RF	Sub-District	Koida
State	ODISHA	Entity's PAN	*****4323N
MoEF File No.	J-11015/62/2020-IA.II(M)	Entity name as per PAN	JSW STEEL LIMITED

Compliance Reporting Details

Reporting Year	2026
Remarks (if any)	The expansion project of 6 to 10 MTPA Iron Ore Production is not implemented yet.
Reporting Period	01 Jun(01 Oct - 31 Mar)

Details of Production and Project Area

Name of Entity / Corporate Office	JSW STEEL LTD	
	Project Area as per EC Granted	Actual Project Area in Possession
Private	4.687	4.687
Revenue Land	55.648	55.648
Forest	257.451	257.451
Others	29.222	29.222
Total	347.00800000000004	347.00800000000004

Others Area

Sr. no	Other Name	Area Granted	Area Actual
1	Surface right	324.8	344.536

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Iron Ore	Million Tons per Annum (MTPA)	31/03/2027	10.0	4.17	6.0

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
1	Statutory Compliance	The PP shall submit an updated status report detailing the implementation of NEERI recommendations, along with the progress made on the installation of the slurry pipeline, within six months to RO, MoEFCC.

PPs Submission: Complied

The recommendations of NEERI are effectively implemented at the site. The NEERI Compliance Status Report is submitted to the board on annual basis. The last report was submitted vide letter no. JSW/S/CO/2026/301 dated 25/05/2026. Slurry Pipeline Progress Status: Stringing- 250 KM Welding- 248.5 KM Lowering- 238.17 KM The NEERI Compliance Status Report is attached herewith.

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2	Statutory Compliance	The PP shall enhance dependence on surface water sources and maximize the utilization of harvested rainwater to reduce dependency on groundwater resources.
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PPs Submission: Complied

Rainwater harvesting has been implemented to reduce dependence on groundwater resources for mine operations. Surface runoff generated during rainfall is intercepted through a network of garland drains and directed to settling ponds and mined-out pits, where suspended solids are allowed to settle. The harvested rainwater is subsequently utilized for dust suppression across haul roads, mining faces, and other dust-generating areas within the mine lease. The storage capacities of the major settling ponds are as follows: Pond 1 : 3,693 cum; Pond 2: 2,694 cum; Pond 3: 3,879 cum; and Pond 4: 4,129.5 cum. In addition, rooftop rainwater harvesting systems with groundwater recharge structures have been installed in the residential colony premises to augment groundwater recharge and promote sustainable water management.

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3	Statutory Compliance	Mining operation is not allowed in the undiverted forest land of 19.256 Ha. PP needs to erect closely spaced pillars to clearly demarcate the undiverted forest land in the lease area. PP should also construct fire line along undiverted forest land boundary in consultation with State Forest Department. All officers, supervisors, overman, mate, workers, operators, persons employed in the mine should be made aware about the undiverted forest land and its boundaries so that there is no mining operations in it.
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PPs Submission: Complied

No mining activity is planned in the aforementioned forest area of 19.256 Ha, as mentioned in the

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		approved Mining Plan along with the Progressive Mine Closure Plan (2025-2030) by the Indian Bureau of Mines, Bhubaneswar, vide letter no. RMP-2 309/2024-25-IBM RO BBS, dated 06.12.2024. Closely spaced pillars are erected to clearly demarcate the undiverted forest land in the lease area. As the undiverted forest land is distributed in scattered patches, the provision of continuous fire lines is not feasible. However, a dedicated fire tender and trained fire personnel are deployed in every shift to ensure prompt response to any fire emergency. All employees are made aware of the boundaries of the undiverted forest land ensuring that no mining or associated activities are undertaken within the undiverted forest area.	
4	Statutory Compliance	On all the surface plans, production plans used in the project the diverted and undiverted forest areas should be clearly marked in different colours.	
PPs Submission: Complied The diverted forest area and the undiverted forest area are clearly demarcated in different colours in all the surface plans and production plans.			Date: 25/08/2026
5	Statutory Compliance	PP should follow the provisions of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 and the guidelines of FC Division of MoEFCC with regards to forest land involved in the project.	
PPs Submission: Complied The provisions of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 and the guidelines of FC Division, MoEFCC are being strictly followed.			Date: 25/08/2026
6	Statutory Compliance	The natural water bodies and or streams which are flowing in and around the mine lease area should not be disturbed. PP shall consult state Water Resource department and SPCB regarding Nallah/Stream and follow their instructions. Implementation status of this condition should be communicated to Regional office, Bhubaneswar.	
PPs Submission: Complied Our proposed mining activities have been planned in such a manner that the existing natural nallahs shall remain undisturbed, and mining operations at any stage will not obstruct or alter the natural flow of the nallahs within or around the lease area. Mining operations are being carried out by maintaining a minimum 50 m safety setback from the Karo River and all nallahs (Narayanposhi Nallah and Kashira Nallah) flowing within or adjacent to the lease area. Adequate erosion and sediment control measures, including check dams, garland drains, retaining walls, coir matting, and sedimentation ponds, have been implemented to prevent silt-laden runoff from entering nearby water bodies. In addition, we are in consultation with the Water Resources Department for the implementation of appropriate protection measures for the nallahs. The copy of the letter is attached herewith.			Date: 25/08/2026
7	Statutory Compliance	No blasting activities shall take place within 500 meters of schools and residential areas and within 500 meters of streams and rivers without permission from DGMS. However, one school is currently located just 80 meters away from UPL. The project proponent (PP) should explore for relocating the school within the lease area within one year to mitigate potential environmental and health impacts. No blasting activity shall be undertaken during school hours. Blasting can only be done on School Holidays. A copy of the EC shall also be provided to Principal of the School and District Education officer. Metal windscreen should be installed adjacent to the school for prevention against fly rocks and dust. Special permission from DGMS should be taken for carrying blasting activity near to the school.	
PPs Submission: Being Complied Permission from DGMS for conducting deep hole drilling and blasting beyond 100 m and within 300 m from the hutments, Public road, HT Transmission line and other structures not belonging to			Date: 25/08/2026

the owner of the mine at Narayanposhi Iron and Manganese Mine of M/s JSW Steel Limited is accorded vide letter no. 330150/SEZ/Bhubaneshwar Region 2/Perm/2024/270822 dated 07/02/2025. The copy of the permission is attached herewith. We are in consultation with Block Education Department, Koira for relocation of the school. The copy of the letter is attached herewith. We are in process of procurement of metal windscreen.			
8	Statutory Compliance	PP needs to strictly adhere to MMR (Metalliferous Mines Regulation) / DGMS guidelines and recommendations of the study for undertaking blasting activity. PP shall take all steps so that ground vibration and air over pressure does not exceed the stipulations in MMR/ DGMS guidelines. PP shall ensure that there is no damage to the school, students and staff of the school.	
PPs Submission: Being Complied All blasting operations are being carried out in strict compliance with Metalliferous Mines Regulations (MMR) 1961 and DGMS guidelines. Controlled blasting by sequential blasting using Nonel, Wet stemming and face wetting is being practiced. Ground vibration and air overpressure are maintained within stipulated limits. Each blast is monitored so as to ensure that there is no impact on nearby habitation and schools.			Date: 25/08/2026
9	Statutory Compliance	PP shall submit the revised Wildlife Conservation Plan within two months to Ministry s Regional Office. The Project Proponent should follow-up the status of implementation on Wildlife Conservation Plan from the Forest Officials and the same shall be submitted to the Ministry s Regional Office in the six monthly compliance report.	
PPs Submission: Complied The revised Site-Specific Wildlife Conservation Plan is approved through letter no. 4969/CWLW-FDWC-FD-0126-2021 dated 17-06-2026. The same is attached herewith.			Date: 25/08/2026
10	Statutory Compliance	The Project Proponent shall continue to monitor the air quality, noise level, water quality, water level and ground vibration during drilling and blasting at the edge of the mine, near the village, at crusher and at other sensitive receptors and such collected data shall be submitted quarterly to the Ministry s Regional Office.	
PPs Submission: Complied Continuous environmental monitoring is being carried out through NABL Accredited Agency M/s Visiontek Consultancy Services Pvt. Ltd. Ambient air quality monitoring is done at core and buffer zones. Also, fugitive emission monitoring is done. Source Noise monitoring and buffer zone noise monitoring is done. Surface and groundwater level and quality monitoring is done. Ground vibration monitoring is conducted during blasting activity. Six-monthly average Environmental Monitoring Report for Oct 2025 to Mar 2026 is attached.			Date: 25/08/2026
11	Statutory Compliance	The Project Proponent should install Continuous Ambient Air Quality Monitoring Stations (CAAQMS) as per the scientific study and in consultation with CPCB/SPCB. The real time data so generated should be displayed digitally at entry and exit gate of mine lease area for public display and shall be linked to server of CPCB/SPCB.	
PPs Submission: Complied Three nos. of online Continuous Ambient Air Quality Monitoring Stations (CAAQMS) are installed as per the scientific study and in consultation with CPCB/SPCB and operational at the mine site monitoring PM10, PM2.5, SO2, NOx and CO parameters. Real-time data from CAAQMS is displayed on digital display boards at the entry/exit gate of the mine for public information. The CAAQMS data is linked to the SPCB/CPCB server as required. Regular calibration of CAAQMS equipment is being carried out. The letter of communication with SPCB and map in support of the location of CAAQMS is attached herewith.			Date: 25/08/2026

12	Statutory Compliance	The Project Proponent needs to use modern equipments such as Camera Traps for ensuring presence and movement of wild animals in the study area in consultation with Wildlife Wing of Forest Department. Appropriate interventions shall be taken to minimise stress conditions for wild animals and to avoid Man-Animal conflict.
PPs Submission: Complied Appropriate interventions like solar fencing have been done at state highway side towards Gate No.1 to avoid human and animal conflict. The camera traps are under procurement, which will be installed for ensuring presence and movement of wild animals in consultation with Wildlife Wing of Forest Department.		Date: 12/09/2026
13	Statutory Compliance	The Project Proponent shall take adequate measures to prevent the pilferage of mineral. The Project Proponent needs to implement all possible mitigation measures while transporting the mineral by Road. Tarpaulins covered trucks should be used to prevent spillage and emission of dust. Operators, Supervisors, contractor personal should be properly trained on environmental aspects of Ore/waste spillage and resultant air and water pollution. Record of above training of the personal, supervisor/officials should be submitted to Regional office of MoEFCC.
PPs Submission: Complied All trucks transporting iron ore are covered with tarpaulins to prevent spillage and dust emissions. Also, Pollution Under Control (PUC) certificates are obtained for all vehicles. Vehicle tracking system (GPS) is operational for all mine vehicles to prevent pilferage. Weigh bridge records are maintained for all mineral dispatch with proper documentation. Regular training programs are conducted for all operators, supervisors and contractor personnel on environmental aspects of ore/waste spillage, dust prevention and water pollution.		Date: 12/09/2026
14	Statutory Compliance	The Project Proponent needs to install the permanent water sprinklers in addition to mobile water tankers along the haul road and the approach road. Further, 10 nos. of fog canon/mist sprayer of atleast 40 m throw shall be installed at various locations in the mine area. Effective dust suppression system shall also be adopted at other parts of the mining lease to arrest the fugitive dust emission. One fog cannon at each nearby school shall be installed along with metal wind screen.
PPs Submission: Complied Fixed water sprinkler arrangement is provided on the main haul road within the mine. Additionally, mobile water tankers of 50KL and 16KL capacity are deployed for regular wetting of all roads within the mine lease area. The fog cannons are under procurement. On receipt at site, it will be stationed at strategic locations to arrest the fugitive dust emission. One fog cannon will be deployed at the school premise along with installation of metal wind screen. Fixed and mobile sprinkler systems are shown in attachment.		Date: 12/09/2026
15	Statutory Compliance	PP shall carryout the blasting in a controlled manner such that the direction of the blasting should be perpendicular to the village/school and it must follow Metalliferous Mines Regulations, 1961 and DGMS guidelines in this respect so that safety is ensured and chances of ground vibration are minimized. PP should regulate blasting timings in consultation with DGMS ensuring that blasting is conducted outside of school hours.
PPs Submission: Complied Blasting is being carried out in a controlled manner as per the Permission under Regulation 164(1-B) of the Metalliferous Mines Regulations, 1961 for conducting deep hole drilling and blasting beyond 100 m and within 300 m from the hutments, Public road, HT Transmission line and other structures not belonging to the owner of the mine at Narayanposhi Iron and Manganese Mine of M/s JSW Steel		Date: 12/09/2026

Limited. Blasting timings are followed as per the above-mentioned permission.		
16	Statutory Compliance	Regional office of MoEFCC shall do the site inspection of the project within one year of issuance of this EC to check whether the conditions of EC are being complied by PP and there is no adverse impact on the schools and nearby habitations. PP shall submit the site inspection report of the Regional office of Ministry to IA Division and Compliance and Monitoring Division of Ministry within one year from issuance of this EC.
PPs Submission: Agreed to Comply The site inspection will be conducted as per the directed timeline.		Date: 12/09/2026
17	Statutory Compliance	The Project Proponent shall explore the possibility of using atleast 20 percent of Electric vehicles/CNG/Solar instead of diesel operation within three years.
PPs Submission: Complied At present, 50 KW on grid solar plant is installed at the mines. Also, diesel operated LMVs have been replaced by 32 no.s of electrical vehicles. Additionally, 800KW solar plant is proposed to be installed in coming years. The solar plant and EVs are shown in attachment.		Date: 12/09/2026
18	Statutory Compliance	The air pollution control equipments like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at areas prone to air pollution. PP shall take necessary measures to avoid generation of fugitive dust emissions.
PPs Submission: Complied Comprehensive air pollution control measures are implemented at all dust-generating sources: - Cold Fog Dust Suppression (CFDS) system with compressed air and water arrangement for fine mist/fog at the central crushing and screening plant. - All equipment and conveyors are housed in closed structures/galleries. - Fixed and mobile water sprinkler arrangement on haul roads and transfer points. - Wheel washing facility at mine exit gate. - Tarpaulin covered trucks for ore transportation is followed. Fugitive dust emission monitoring is carried out quarterly through NABL accredited agency. Dust control systems are shown in attachment.		Date: 12/09/2026
19	Statutory Compliance	The Project Proponent should adopt the proper mitigation measures as proposed under EMP. The adoption of mitigation measures and monitoring of the same as proposed in the EMP shall be done under the supervision of the qualified environmental personnel. The implementation status of the same shall be submitted to the Ministry's Regional Office.
PPs Submission: Being Complied All mitigation measures as proposed in the EMP are being/ will be implemented under the supervision of qualified environmental personnel. The implementation status of the same is submitted to the Ministry's Regional Office on six monthly bases with half yearly compliance report.		Date: 12/09/2026
20	Statutory Compliance	The Project Proponent 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 at site which should comprise of Environment Engineers, Laboratory chemist and staff for monitoring of air, water quality parameters on routine basis instead of engaging environment monitoring laboratories/consultants. Any non-compliance or infringement should be reported to the concerned authority.

PPs Submission: Being Complied An in-house environment laboratory for measurement of environment parameters will be established. The land for establishing the laboratory has been finalised and procurement process for the construction is in process. A dedicated team to oversee environment management is already deployed at site.		Date: 12/09/2026
21	Statutory Compliance	The Project Proponent shall conduct third party audit of compliance of EC condition at an interval one year and its report shall be submitted to RO, MoEFCC.
PPs Submission: Agreed to Comply The third-party audit will be conducted as per the prescribed timeline.		Date: 12/09/2026
22	Statutory Compliance	The Project Proponent shall ensure the survival rate of 95 percent for planting the gap plantation and new plantation. The Project Proponent shall make the actual count on the saplings planted and its survival rate and in case of failure of achievement of 95 percent survival rate, action plan for achieving the target survival rate shall be submitted to the Ministry's Integrated Regional Office. Project proponent shall use saplings of 10 ft height for plantation (2500 plants/ha). PP shall make provision for drip irrigation to conserve the water. PP should plant fruit bearing trees along with Sal and allied species within the ML area.
PPs Submission: Complied Plantation has been carried out in the mine lease area with native and fruit-bearing species. A total of 4318 saplings have been planted over 1.7 ha area in FY 2025-26, with a survival rate of approximately 95 percent. Drip irrigation provision has been made at plantation areas to conserve water. Fruit-bearing trees such as Mango, Amla, Jamun, Tamarind and allied species along with Sal and local native species are being planted within the ML area. Gap plantation and new plantation are being done systematically. Action plan for achieving and maintaining the 95 percent survival rate is being implemented. Photographs of plantation are attached herewith.		Date: 12/09/2026
23	Statutory Compliance	To address the concerns raised by the public in the public hearing, PP should complete its public hearing commitments within 3 years. PP shall comply with all action plans made for public hearing concerns and make regular maintenance and record the progressive activity outcomes. The Project proponent shall ensure that the activities proposed under the public hearing is different from the CSR activities.
PPs Submission: Being Complied The Public Hearing (PH) commitments stipulated in the Environmental Clearance (EC) shall be implemented within the prescribed timeline of three years. A dedicated budget has already been allocated for the implementation of these commitments, which is separate from the Corporate Social Responsibility (CSR) budget. The progress of implementation is being, and will continue to be, monitored and documented on a regular basis.		Date: 12/09/2026
24	Statutory Compliance	The Project Proponent needs to provide the good quality drinking water supply and also by laying network of pipelines to the local people at free of cost.
PPs Submission: Complied Good quality drinking water is being provided to local villages in the vicinity of the mine lease area. 22 solar-powered borewells with overhead tanks, standposts, solar panels and pipelines have been installed in the buffer zone villages to provide clean drinking water to local communities at free of cost.		Date: 12/09/2026
25	Statutory Compliance	The Project Proponent shall provide the rainwater harvesting structure at mine offices and quarters/colonies to recharge the ground

		water.
PPs Submission: Complied Rooftop rainwater harvesting structures provided at mine offices and operator colony to recharge groundwater. The rooftop rainwater harvesting systems at mines office, operators colony and the recharge pits at mines site are shown in attachment.		Date: 12/09/2026
26	Statutory Compliance	PP needs to construct sedimentation ponds, check dam, gabion structures, retaining wall, garland drain etc to safeguard the Karo River and other natural Streams/Nallahs flowing in and around the Lease area.
PPs Submission: Complied Adequate protective structures have been constructed to safeguard Karo River and other natural streams/nallahs: -Garland drains and retaining walls have been constructed around mine pits, dumps and at strategic locations. -Sedimentation ponds and settling-cum-percolation ponds have been provided to arrest silt and prevent it from entering the water bodies. -Multiple check dams have been constructed across seasonal/perennial nallahs flowing through the mine lease area. -Mining operations are being conducted maintaining a 50 m buffer from the river/nallah boundaries. The runoff management measures are shown in attachment.		Date: 12/09/2026
27	Statutory Compliance	The Project Proponent shall also organize employment-based apprenticeship/ internship training program every year with appropriate stipend for the youth and other programs to enhance the skill of the local people. The data should be maintained for the training imparted to the persons and the outcome of the training, for the assessment of the training program should be analyzed periodically and improved accordingly.
PPs Submission: Complied Internship training programs are being organised every year to enhance the skill of the youth and local people. Records of the training imparted, including participant details and training outcomes, are being maintained.		Date: 12/09/2026
28	Statutory Compliance	The Project Proponent should periodically monitor and maintain the health records of the mine workers digitally prior to mining operations, at the time of operation of mine and post mining operations. Regular surveillance shall be carried through regular occupational health check-up every year for mine workers. PP shall also organize medical camp for the benefit of the local people and also the monitor the health impacts due to mining activity.
PPs Submission: Complied Health records of mine workers are being maintained and monitored. Initial Medical Examination (IME) is mandatory before joining for all workers. The X-ray test, audiometry test, neurological test, cardiological assessment, pathological assessments, vision test, PFT and lung function tests are being conducted. A sample Form-O, report of medical examination is attached herewith. An Occupational Health Centre (OHC) has been established within the mine lease area with a full-time qualified doctor. Medical camps are being organized periodically for the benefit of local people in nearby villages. Health impact monitoring due to mining activity is being carried out. PPEs like safety shoes, reflective jackets, safety glasses, ear plugs, helmets etc. are provided to all workers in dusty areas.		Date: 12/09/2026
29	Statutory Compliance	The mobile water tankers should be used in the ML area for dust suppression and control. A logbook of water tankers should be maintained mentioning running hours, kilometre reading, maintenance hours of water tankers for each shift. PP shall use non-toxic chemicals for dust suppression in order to reduce the total water requirement.

PPs Submission: Complied 2 no. Mobile water sprinklers with 50 KL and 16 KL capacity each are deployed in the ML area for dust suppression and control. In addition to mobile tankers, a fixed water sprinkler system has been installed on the haul road. A dedicated logbook for each water tanker is being maintained shift-wise, recording the no. of trips done for dust suppression. Non-toxic dust suppressant chemicals (eco-friendly chemical solution) are being added in mobile sprinklers to enhance dust control effectiveness and reduce overall water requirement. Use of dust suppressant chemicals is shown in attachment.		Date: 12/09/2026
30	Statutory Compliance	The Project Proponent should take adequate measures to prevent the fly rock falling onto the nearby habitations and also the Project Proponent needs to set up a permanent monitoring in the nearby village to monitor the blast induced ground vibration and air over pressure.
PPs Submission: Complied Blasting is being carried out in a controlled manner with blast direction perpendicular to nearby villages and school in compliance with MMR 1961 and DGMS guidelines. NONEL system is used for controlled blasting to minimize ground vibrations and fly rocks.		Date: 12/09/2026
31	Statutory Compliance	The Project Proponent needs to reduce the dependency upon the ground water, surface water (water from rivers, etc.) and it shall construct a water reservoir within the lease area for meeting its day-to-day water needs. An implementation report in this regard needs to be submitted to Ministry's Regional Office.
PPs Submission: Complied To reduce the dependency upon the ground water and surface water, rainwater conservation measures are implemented in consultation with CGWB empanelled agency (M/s Geo Climate Risk Solutions). Rainwater is stored in mined-out pits and settling ponds within the mine lease area to facilitate groundwater recharge. The area of major settling ponds are as follows: Pond 1: 3693 cum Pond 2: 2694 cum Pond 3: 3879 cum Pond 4: 4129.5 cum. Roof-top rainwater harvesting structures with recharging system implemented in colony premises. The rooftop rainwater harvesting systems at mines office, operator colony and the recharge pits at mines site are shown in attachment.		Date: 12/09/2026
32	Statutory Compliance	The Project Proponent shall ensure that the transportation shall not occur through village road.
PPs Submission: Complied Transportation of minerals is not being carried out through village roads.		Date: 12/09/2026
33	Statutory Compliance	Project Proponent needs to collect samples from upstream and downstream of Karo River and check its water quality including measurement of free silica concentration as per the DGMS standards and circulars/guidelines.
PPs Submission: Complied Regular water quality monitoring of Karo River (upstream and downstream) is being carried out through NABL and NABET accredited agency M/s Visiontek Consultancy Services Pvt. Ltd on monthly basis.		Date: 12/09/2026
34	Statutory Compliance	The mining lease holders shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The implementation report of the above said condition shall be submitted to the Ministry's Integrated Regional Office.

PPs Submission: Being Complied Progressive mine closure and reclamation activities are being carried out in accordance with the approved Progressive Mine Closure Plan (PMCP) and Mining Plan (2025 to 2030). Following the cessation of mining operations, final reclamation measures, including regrassing and restoration of the land to a condition suitable for the growth of grasses, fodder, flora, and fauna, will be undertaken as per the approved Final Mine Closure Plan (FMCP). The implementation status of the same will be submitted to the Ministry's Integrated Regional Office.		Date: 12/09/2026
35	Statutory Compliance	Approval/permission of the CGWA/SGWA shall be obtained before drawing ground water for the project activities, if applicable. State Pollution Control Board (SPCB) concerned shall not issue Consent to Operate (CTO) till the project proponent obtains such permission.
PPs Submission: Complied The CGWA NOC has been obtained vide NOC No.: NOC/MIN/OD/2025/18602/R-3/3 dated 29/05/2026. The NOC copy is attached herewith.		Date: 12/09/2026
36	Statutory Compliance	Project proponent shall take necessary other clearances/permissions under various Acts and Rules if any, from the respective authorities / department.
PPs Submission: Complied All necessary clearances and permissions have been obtained from the respective authorities/departments.		Date: 12/09/2026
37	Statutory Compliance	PP shall consult State Forest Department and Chief Wildlife Warden about the additional steps to be taken for conservation and free movement of Elephants near the Mine Lease area.
PPs Submission: Complied Regular consultation with the State Forest Department and Chief Wildlife Warden is being carried out regarding conservation and free movement of elephants near the mine lease area. The revised Site-Specific Wildlife Conservation Plan prepared by DFO, Bonai and Keonjhar Forest Division is approved through letter no. 4969/CWLW-FDWC-FD-0126-2021 dt. 17-06-2026. The same is attached herewith.		Date: 12/09/2026
38	Statutory Compliance	PP shall organize community awareness programs in local villages to educate residents about co-existing with elephants and preventing human-wildlife conflicts. Emergency response teams comprising local community members and experts shall be established to handle Human-Elephant Conflict situations effectively.
PPs Submission: Complied Awareness programs are conducted in nearby villages to promote safe coexistence with elephants and to reduce human wildlife conflict. An Anti Depredation Squad, comprising local community members and experts, monitors elephant movements and assists in preventing elephant incursions into human settlements. In coordination with the State Forest Department, the squad uses drums and firecrackers to safely drive elephants away from inhabited areas while minimizing harm to both people and wildlife. The photographs of the same is attached herewith.		Date: 12/09/2026
39	Statutory Compliance	PP should strictly follow the NEERI guidelines as given in Part-B.
PPs Submission: Agreed to Comply Agreed to abide by the condition.		Date: 12/09/2026
40	Statutory Compliance	Recommendation of CSIR-NEERI Report on Carrying Capacity Study for Environmentally Sustainable Iron and Manganese Ore Mining Activity in Keonjhar, Sundargarh and Mayurbhanj districts of

		Odisha State 1) Department of Steel and Mines, Govt. of Odisha should prepare 5 years regional plan for annual iron ore requirement from the state, which in turn shall be met from different mines/zones (e.g. Joda, Koira.) in the state. Accordingly, sustainable annual production (SAP) for each zone/mine may be followed adopting necessary environmental protection measures.
PPs Submission: Being Complied Directions from Dept. of Steel and Mines, Govt. of Odisha being followed in this regard.		Date: 12/09/2026
41	Statutory Compliance	2) The expansion or opening of new manganese ore mines may be considered only when the actual production of about 80 percent is achieved. Further, the mines that have not produced Mn ore for last two years and have no commitment in the current year as well; EC capacity in such cases may be reviewed. The Department of Steel and Mines, Govt. of Odisha shall submit the Annual Report on this issue to the MoEFCC for further necessary action.
PPs Submission: Being Complied This is an Iron and Manganese Ore Mine. The expansion proposal is only for Iron Ore, the manganese ore capacity will remain same.		Date: 12/09/2026
42	Statutory Compliance	3) Analysis of baseline environmental quality data for the year 2014 and 2016 indicates that existing mining activities appear to have little / no potential impact on environmental quality, except on air environment, which was mainly due to re-suspension of road dust. Therefore, all the working mines can continue to operate with strict compliance to monitoring of environmental quality parameters as per EC and CTE/CTO conditions of the respective mine, and implementation of suggested measures for control of road dust and air pollution. Odisha State Pollution Control Board has to ensure the compliance of CTE/CTO. Regional office of the MoEFCC, Bhubaneswar shall monitor the compliance of the EC conditions. Regional office of the Indian Bureau of Mines (IBM) shall monitor the compliance of mining plan and progressive mine closure plan. Any violation by mine lease holder may invite actions per the provisions of applicable acts.
PPs Submission: Being Complied The mine is being operated in strict compliance with the conditions stipulated under the EC, CTE, and CTO. Environmental quality parameters are regularly monitored as per the prescribed regulatory requirements. Dust generated from mine haul roads is effectively controlled through a fixed water sprinkler system. In addition, two truck-mounted water tankers with capacities of 50 KL and 16 KL are deployed for regular water sprinkling on haul roads and other dust-prone areas. Mining operations are carried out in accordance with the approved Mining Plan and Progressive Mine Closure Plan (PMCP), and are subject to periodic inspections by the concerned Government authorities. The mine is regularly inspected and monitored by the Regional Office of the MoEFandCC and OSPCB. Compliance with the approved Mining Plan and Progressive Mine Closure Plan is also monitored by the Indian Bureau of Mines (IBM).		Date: 12/09/2026
43	Statutory Compliance	4) Considering the existing environmental quality, EC capacity, production rate, iron ore resources availability and transport infrastructure availability, the share of Joda and Koira sector works out to be 70 percent and 30 percent respectively for the existing scenario for the year 2015-16. However, for additional EC capacity, it can be 50:50 subject to commensurate infrastructure improvement (viz. SOTM, pollution free road transport, enhancement of rail network etc.) in the respective regions.

PPs Submission: Being Complied We will abide by the State Govt. decision towards production from mine in line to commensurate infrastructure improvement (viz. SOTM, pollution free road transport, enhancement of rail network etc.).		Date: 12/09/2026
44	Statutory Compliance	5) Continuous monitoring of different environmental quality parameters as per EC and CTE/CTO conditions with respect to air, noise, water (surface and ground water) and soil quality in each region shall be done. The environmental quality parameters should not indicate any adverse impact on the environment. Monitoring within the mines should be done by individual mine lease holders, whereas outside the mine lease area, monitoring should be done by the Govt. of Odisha through various concerned departments/ authorized agencies. Various monitoring/ studies should be conducted through national reputed institutes, NABET/ MoEFCC accredited laboratories/organizations. The reports submitted by individual mine lease holders and study reports prepared by other concerned departments/agency for each of the regions should be evaluated and examined by SPCB/ MoEFCC.
PPs Submission: Being Complied Monitoring of all the environmental parameters is being done in the core as well as buffer zone of the ML area by NABET/ MoEFCC accredited laboratory. Monitoring of air, noise, water, soil carried out on regular basis as per the directions of MoEFCC/SPCB. 3 no.s of CAAQMS stations have been established in consultation with Regional Office, SPCB and real-time data transmission is being streamed to OSPCB server. The monitoring reports are being submitted to the concerned regulatory authorities for FY 2025-26 via letter no JSW/S/CO/2026/305.		Date: 12/09/2026
45	Statutory Compliance	6) Construction of cement concrete road from mine entrance and exit to the main road with proper drainage system and green belt development along the roads and also construction of road minimum 300 m inside the mine should be done. This should be done within one year for existing mines and new mine should have since beginning. The concerned departments should extend full support; wherever the land does not belong to the respective mine lease holders. The Department of Steel and Mines, Govt. of Odisha should ensure the compliance and should not issue the Mining Permits, if mine lease holder has not constructed proper cement concrete road as suggested above.
PPs Submission: Complied NH-215 is passing through the lease so there is no such requirement in this case. Besides this, cement concrete road has been constructed from mine entrance/exit to the main road of about 300 m inside the mine. Concrete road is provided from the exit of Manganese quarry to NH. Concrete road is also available at Gate 2, the main exit gate of the mine. These roads are provided with proper drainage system and green belt development. Photographs of concrete roads submitted as attachment.		Date: 12/09/2026
46	Statutory Compliance	7) In view of high dust pollution and noise generation due to road transport, it is proposed to regulate/guide the movement of iron and manganese ore material based on the EC capacity of the mines. Accordingly, ore transport mode has been suggested, as given below in Table. Table: EC Capacity based Suggested Ore Transport Mode (SOTM) SOTM 1: EC capacity- greater than or equal to 5 MTPA, Suggested Ore Transport Mode: 100 percent by private railway siding or conveyor belt up to public railway siding or pipeline for captive mines and 70 percent for non-captive mines SOTM 2: EC capacity- Between 3 and less than 5 MTPA, Suggested Ore Transport Mode: Minimum 70 percent by public railway siding, through conveyor belt and maximum 30 percent by road - direct to destination or other public railway siding or above option SOTM 3: EC capacity-

		Between 1 and less than 3 MTPA, Suggested Ore Transport Mode: Minimum 70 percent by public railway siding and maximum 30 percent by road - direct to destination or by other public railway siding or above options SOTM 4: EC capacity- less than 1 MTPA, Suggested Ore Transport Mode: 100 percent by 10/17 Ton Trucks or above options It is mentioned by State Govt. of Odisha that currently about 45 percent of the iron ore is dispatched using rail network and progressively it will be increased to about 60 percent by rail/slurry over a period of 5 years, taking into account time required to set up more railway sidings. In view of present ore transport practices and practical limitations, all the existing mines should ensure adoption of SOTM within next 5 years. New mines or mines seeking expansion should incorporate provision of SOTM in the beginning itself, and should have system in place within next 5 years. However, the State Govt. of Odisha shall ensure dust free roads in mining areas wherever the road transportation of mineral is involved. The road shoulders shall be paved with fence besides compliance with IRC guidelines. All the roads should have proper drainage system and apart from paving of entire carriage width the remaining right of way should have native plantation (dust capturing species). Further, regular maintenance should also be ensured by the Govt. of Odisha. Transportation of iron and manganese ore through river (jetty) to nearest Sea port (Sea cargo option) may be explored or connecting Sea ports with Railway network from the mines to be improved further so that burden on existing road and rail network and also pollution there of can be minimized. Progress on development of dust free roads, implementation of SOTM, increased use of existing rail network, development of additional railway network/conveyor belt/ pipelines etc. shall be submitted periodically to MoEFCC. Responsibility: Department of Steel and Mines, Govt. of Odisha; Time Period: 5 Years for developing railway/ conveyor belt facilities.
PPs Submission: Being Complied Narayanposhi mine transport 24 percent ore through railway siding (located at a distance of 10 km to 25 km approx.), 51 percent for shipping (located at a distance 300 km approx.) and to the end user (25percent located at a distance of 200 km. approx.) by dumper. SOTM envisages shared responsibility for its compliance in a timeline of 5 years. State govt. shall facilitate the logistic infrastructure like extension of rail head. Considering the bottleneck in such rail head expansion, PP has started the construction of slurry pipeline.		Date: 12/09/2026
47	Statutory Compliance	8) Development of parking plazas for trucks with proper basic amenities/ facilities should be done inside mine. This should be done within one year for existing mines and new mines should have since beginning. Small capacity mines (in terms of lease area or production) not having enough space within the mine lease areas should develop parking plaza at a common place within the region with requisite facilities. Responsibility: Individual Mine Lease Holders; Time Period: 1 Year
PPs Submission: Complied Development of parking plaza has already been made by the Lessee with basic amenities as per the guideline of NEERI within the mining lease area. Photographs of the same has been attached herewith.		Date: 12/09/2026
48	Statutory Compliance	9) Construction of NH 215 as minimum 4 lane road with proper drainage system and plantation and subsequent regular maintenance of the road as per IRC guidelines. Construction of other mineral carrying roads with proper width and drainage system along with road side plantation to be carried out. Responsibility: Department of Steel and Mines with PWD / NHAI Time Period: 2 Years.

PPs Submission: Being Complied The action is to be taken by Dept of Steel and Mines and PWD/NHAI. NH 215 with proper drainage system and plantation has been constructed by State Government and subsequent regular maintenance is being carried out.		Date: 12/09/2026
49	Statutory Compliance	10) Regular vacuum cleaning of all mineral carrying roads aiming at Zero Dust Re- suspension may be considered. Responsibility: PWD / NHAI/ Mine Lease Holders; Time Period: 3 months for existing roads.
PPs Submission: Complied One vacuum road sweeping machine has been deployed and is operated daily on the stretches of NH520 and Rajamunda-Rimuli road situated within the mine lease area to remove accumulated dust and fine particulate matter, thereby minimizing fugitive dust emissions. Photographs of the same is attached herewith.		Date: 12/09/2026
50	Statutory Compliance	11) Expansion of existing mines and new mines should be considered after conducting recent EIA Study (as per the provisions of EIA Notification 2006, as amended time to time) with proper justification on demand scenario for iron ore requirement and availability of pollution free transport network in the region. Responsibility: IBM, Department of Steel and Mines and MoEFCC, New Delhi.
PPs Submission: Being Complied Present EIA Study covered the demand scenario for Iron Ore requirement and availability of pollution free transport network through road network and underground slurry transportation system. Regarding expansion of production capacity of mine is duly approved by IBM and the same has been communicated to Department of Steel and Mines and MoEFCC, New Delhi. Modified Mining Plan along with Progressive Mine Closure Plan has been approved by Indian Bureau of Mines, Bhuvneshwar dated 06.12.2024.		Date: 12/09/2026
51	Statutory Compliance	12) Mine-wise Allocation of Annual Production: In case the total requirement of iron ore exceeds the suggested limit for that year, permission for annual production by an individual mine may be decided depending on approved EC capacity (for total actual dispatch) and actual production rate of individual mine during last year or any other criteria set by the State Govt., i.e. Dept. of Steel and Mines. Department of Steel and Mines in consultation with Indian Bureau of Mines-RO should prepare in advance mine-wise annual production scenario as suggested in Table, so that demand for iron ore can be anticipated, and actual production/dispatch does not exceed the suggested annual production. Table: Allocation of Production to Different Mines for 5 Years (as per approved Mining Plan) EC.
PPs Submission: Agreed to Comply We will abide by the allowable limit suggested for production/dispatch quantity by Dept. of Steel and Mines, Govt. of Odisha.		Date: 12/09/2026
52	Statutory Compliance	13) Expansion of Existing Mines having Validity up to 2020: In view of implementation of MMDR Act 2015, wherein many non-captive mines are expected to be closed by March 2020, total iron ore production scenario has been. It is expected that the non-captive mines having validity till 2020 shall try to maximize their production (limited to EC capacity) in the remaining period. Further, depending upon availability of iron ore resources, these mines may also seek expansion of EC capacity. It may be noted here that total EC capacity of existing 25 working mines having validity up to 2020 is about 85 MTPA, whereas actual production from these mines has been only

		44.677 MT (52.6 percent) during 2015-16 and 57.07 MT (67.1 percent) during 2016-17. Also, it is expected that these mines would not even be able to achieve ore production as per existing EC capacity till March 2020. Therefore, these existing mines should go for production to the fullest extent to meet the requisite demand from the State. However, where EC limit is exhausted, application for expansion may be considered. Further, the EC process (i.e. Grant of TOR, Baseline data collection, Mining plan/ scheme approval, Public hearing, preparation of EIA/EMP Report. Appraisal by the EAC and grant of EC) takes about one year time. Under such circumstances, it is suggested that further applications for grant of TOR or grant of EC for expansion of production capacity of the mine should be considered for those existing mines, which have exhausted their capacity subject to consideration of all environmental aspects. Responsibility: Department of Steel and Mines and MoEFCC, New Delhi.
PPs Submission: Complied The condition pertains to the concerned regulatory authorities. Mining operations are being carried out within the approved Environmental Clearance capacity and statutory permissions granted for the mine.		Date: 12/09/2026
53	Statutory Compliance	14) Sustained Iron Ore Production beyond 2020- Considering the implementation of MMDR Act 2015, total production of iron ore in Odisha State is anticipated to be about 111 MT during 2016-17 (actual production was - 102.663 MT), 136 MT during 2017-18, 146 MT during 2018-19 and 146 MT during 2019-20. Then there will be substantial drop in total production (to the tune of 73 MT during 2020-21 onwards) due to closure of mines, which are valid up to 2020. Therefore, in order to maintain operation/sustained growth of downstream industries, iron ore mining in the region needs to be continued at a sustainable rate. The State Govt. through Department of Steel and Mines should initiate appropriate action to ensure continued availability of iron ore from the region, as per suggested sustainable annual production.
PPs Submission: Complied Noted. Department of Steel and Mines, Govt. of Odisha will take appropriate action in this regard.		Date: 12/09/2026
54	Statutory Compliance	15) Reserves Estimation-Mining Plan and Exploration- Appropriate actions (geo-technical investigation for qualitative and quantitative resource estimation and other preparations for auction of mines), maybe initiated taken into account the existing working mines, and the mines which were operational at some point of time (but closed presently due to various reasons). The total iron ore reserves/resources available within the total lease area of each mine should be estimated by State Govt./NMET/ GSI (or any other approved agency) with respect to: (i) Total lease area of mine(surface), (ii) Maximum depth to which resources could be available, (iii) Resources below the ground water table (if intersected), (iv) Reserves are to be estimated as per UNFC code with respect to quantity and quality (percent Fe content), (v) Maximum mining rate and area for auction (after 2020) will be calculated based on total resources available and proposed life of mine leading to closure of mine in a stipulated time period. Responsibility: Department of Steel and Mines, IBM and GSI; Time frame: 1 year for the mines to be auctioned for next 2 years. The above mentioned organizations shall ensure the compliance with respect to timelines for implementations.

PPs Submission: Complied Noted. Department of Steel and Mines, Govt. of Odisha will take appropriate action in this regard.		Date: 12/09/2026
55	Statutory Compliance	16) Depending upon availability of extractable iron ore resources within a mine, mining below the ground water table may be permitted after conducting necessary geological and hydro-geological study by GSI and requisite approval from the CGWB/CGWA (Central Ground Water Board/Authority). This can be explored at least in few mines on trial/pilot basis. Further, within a mine, it will be desirable to operate one pit at a time, and next pit should be opened after extracting maximum possible resources from the first pit, so that the exhausted pit can be used for back filling/storing of low-grade iron ore. However, depending upon the quantity and/or quality of iron/manganese ore, other mine pits in the same mine lease may also be opened for sustainable scientific mining, as per approved mining plan/scheme of mining by IBM. The Department of Steel and Mines, Govt. of Odisha should initiate the pilot project so that minerals are fully utilized.
PPs Submission: Complied With due approval from IBM, scientific and sustainable mining is being/ will be followed as per Approved Modified Mining Plan. Manganese Quarry-5 has touched the ground water at 540m RL. Hence, there is accumulation of water within the pit due to seepage. The water from the pit will be pumped by 50 HP capacity pump. The pumped water will be further stored within the existing pond nearby the quarry in the South Eastern part of the lease area. The CGWA NOC has been obtained vide NOC No.: NOC/MIN/OD/2025/18602/R-3/3 dated 29/05/2026. The NOC copy is attached herewith. Comprehensive Hydrogeological Report of Narayanposhi Iron and Manganese Ore Mine is prepared by Geo Climate Risk Solutions Pvt. Ltd. accredited by CGWA (CGWA Accreditation Certificate No. CGWB/RGI/005) and ISO 9001:2015 certified company.		Date: 12/09/2026
56	Statutory Compliance	17) Commercial Utilization of Low Grade Ore: R and D studies towards utilization of low-grade iron ore should be conducted through research/academic institutes like IMMT, Bhubaneswar, NML, Jamshedpur, and concerned metallurgical departments in IITs, NITs etc., targeting full utilization of low-grade iron ore (Fe content upto 45 percent by 2020 and upto 40 percent by 2025). In fact, life cycle assessment of whole process including environmental considerations should be done for techno-economic and environmental viability. R and D studies on utilization of mine wastewater having high concentration of Fe content for different commercial applications in industries such as cosmetics, pharmaceutical, paint industry should also be explored. Responsibility: IBM, Dept. of Steel and Mines, Individual Mine Lease Holders.
PPs Submission: Being Complied Report on washing and de-sliming of iron ore fines was prepared by IMMT Bhubaneswar for Narayanposhi Mines. Life Cycle Assessment (LCA) study considering techno-economic and environmental aspects has been taken up through IIT Delhi and the study is under progress. JSW has not set up beneficiation plant at Narayanposhi mines. All low-grade ores are being transported to JSW steel plant (Bhushan Power and Steel Limited), where beneficiation plant is established and beneficiation is being carried out. As per the mining process no waste water is generated and discharged outside the lease, hence commercial application in other industries is not feasible.		Date: 12/09/2026
57	Statutory Compliance	20) Large and medium mine leases contribute to better implementation of reclamation and rehabilitation plans to sustain the ecology for scientific and sustainable mining. The small leases do not possess scientific capability of environmentally sustainable mining. Therefore, new mine leases having more than 50 ha area should be encouraged, as far as possible. This will ensure inter-generational

		resource availability to some extent. Responsibility: Dept. of Steel and Mines, Govt. of Odisha.
PPs Submission: Agreed to Comply We will abide by the decision of the Govt. of Odisha, Steel and Mines deptt. in this regard.		Date: 12/09/2026
58	Statutory Compliance	19) State Govt. of Odisha shall make all efforts to ensure exhausting all the iron and manganese ore resources in the existing working mines and from disturbed mining leases/zones in Joda and Koira region. The criteria suggested shall be applicable while suggesting appropriate lease area and sustainable mining rate. Responsibility: Dept. of Steel and Mines, Govt. of Odisha.
PPs Submission: Agreed to Comply State Government of Odisha will take decision in this aspect to ensure exhaust of all the iron and manganese ore resources in the existing working mines and from disturbed mining leases/zones in Joda and Koira region.		Date: 12/09/2026
59	Statutory Compliance	18) The mining activity in Joda-Koira sector is expected to continue for another 100 years, therefore, it will be desirable to develop proper rail network in the region. Rail transport shall not only be pollution free mode but also will be much economical option for iron ore transport. The rail network and/or conveyor belt system upto public railway siding needs to be created. The total length of the conveyor belt system/ rail network to be developed from mines to nearest railway sidings by 11 mines in Joda region is estimated to be about 64 km. Similarly, in Koira region, total length of rail network/ conveyor system for 8 mines (under SOTM 1 and 2) is estimated to be around 95 km. Further, it is suggested to develop a rail network connecting Banspani (Joda region) and Roxy railway sidings in Koira region. Responsibility: Dept. of Steel and Mines, Govt. of Odisha and Concerned Mines along with Indian Railways. Time Period: Maximum 7 years (by 2025). The Department of Steel and Mines, Govt. of Odisha should follow-up with the concerned Departments and railways so that proposed proper rail network is in place by 2025.
PPs Submission: Agreed to Comply JSW will abide by the directions of Department of Steel and Mines, Govt of Odisha in this regard. However, the Company is undertaking construction of slurry pipeline through which the ore/concentrate will be transported to Paradeep.		Date: 12/09/2026
60	Statutory Compliance	21) Mining Operations/Process Related- (i) Appropriate mining process and machinery (viz. right capacity, fuel efficient) should be selected to carry out various mining operations that generate minimal dust/air pollution, noise, wastewater and solid waste. e.g. drills should either be operated with dust extractors or equipped with water injection system. (ii) After commencement of mining operation, a study should be conducted to assess and quantify emission load generation (in terms of air pollution, noise, waste water and solid waste) from each of the mining activity (including transportation) on annual basis. Efforts should be made to further eliminate/ minimize generation of air pollution/dust, noise, wastewater, solid waste generation in successive years through use of better technology. This shall be ensured by the respective mine lease holders. (iii) Various machineries/equipment selected (viz. dumpers, excavators, crushers, screen plants etc.) and transport means should have optimum fuel/power consumption, and their fuel/power consumption should be recorded on monthly basis. Further, inspection and maintenance of all the machineries/equipment/ transport vehicles should be followed as per manufacturer s instructions/ recommended time schedule and record should be maintained by the respective mine lease holders. (iv)

		Digital processing of the entire lease area using remote sensing technique should be carried out regularly once in 3 years for monitoring land use pattern and mining activity taken place. Further, the extent of pit area excavated should also be demarcated based on remote sensing analysis. This should be done by ORSAC (Odisha Space Applications Centre, Bhubaneswar) or an agency of national repute or if done by a private agency, the report shall be vetted/ authenticated by ORSAC, Bhubaneswar. Expenses towards the same shall be borne by the respective mine lease holders. Responsibility: Individual Mine Lease Holders.
	PPs Submission: Being Complied (i) The Opencast Mechanized Mining process is carried out by deploying following machineries: Type of Fleet Make/Model Komatsu Excavator PC 1250-8R (5.5 cum) Komatsu Dumpers HD785 (91 MT / 100 US ST) Komatsu Wheel Loader WA-900 (9 cum) Komatsu Track Dozer D275A-5R (13.6 cum) Komatsu Wheel Dozer WD600-6R (10.3 cum) Komatsu Motor Grader GD825A-2 (4.8 mts) Komatsu Water Sprinkler HD465-7E0 (50 KL) Epiroc Blast Hole Drill (Top Ham) Epiroc Smart ROC D65 (165 mm) Epiroc Blast Hole Drill (DTH) Epiroc Smart ROC T45 (165 mm) Epiroc Exploration Drill Epiroc Boyle C15 (100 mm) The selection of equipment is made keeping in view the terrain condition, productivity of each equipment, equipment required for support activity, care required for working environment. Due care is taken for adopting latest technology and track record of equipment in surrounding area. Accordingly, Komatsu make equipment fleet of latest model is deployed. Excavator with 5.5cum is grouped with 3 nos. of 100T dumpers. Matching capacity drills, dozers and support equipment are deployed. All the noise generating units in the machinery is provided with padded enclosures for attenuation of noise. Drill machine is provided with dual system of water injection and dust extraction system. Excavators are provided with smart idling systems for fuel efficiency. (ii) Annual Study report with regard to emission load generation is carried out and submitted as per the requirements. Efforts have been made to further eliminate/ minimize generation of air pollution/dust, noise, wastewater, solid waste generation. Annual Study report of emission load calculation attached herewith. (iii) All the equipments are having latest state of art technology with very low level of emission and best fuel efficiency engine. Maintenance is done as per the manufacturer s instructions/ recommended time schedule. (iv) The digital processing of entire lease area using remote sensing technique is carried out through drone.	Date: 12/09/2026
61	Statutory Compliance	22) Air Environment Related: (i) Fugitive dust emissions from all the sources should be controlled regularly on daily basis. Water spraying arrangement on haul roads, loading and unloading and at other transfer points should be provided and properly maintained. Further, it will be desirable to use water fogging system to minimize water consumption. It should be ensured that the ambient air quality parameters conform to the norms prescribed by the CPCB in this regard. (ii) The core zone of mining activity should be monitored on daily basis. Minimum four ambient air quality monitoring stations should be established in the core zone for SPM, PM10, PM2.5, SO2, NOx and CO monitoring. Location of air quality monitoring stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board (based on Emission Load Assessment Study). The number of monitoring locations may be more for larger capacity mines and working in larger area. Out of four stations, one should be online monitoring station in the mines having more than 3 MTPA EC Capacity. (iii) Monitoring in buffer zone should be carried out by SPCB or through NABET accredited agency. In addition, air quality parameters (SPM, PM10, PM2.5, SO2, NOx and CO) shall be regularly monitored at locations of nearest human habitation including schools and other public amenities located nearest to source of the dust generation as applicable. Further, 11 continuous air quality monitoring systems may be installed in Joida and Koira regions and one in Baripada/ Rairangpur region. (iv) Emissions from vehicles as well as heavy machinery should be kept under control and regularly monitored.

		Measures should be taken for regular maintenance of vehicles used in mining operations and in transportation of mineral. (v) The vehicles shall be covered with a tarpaulin and should not be overloaded. Further, possibility of using closed container trucks should be explored for direct to destination movement of iron ore. Air quality monitoring at one location should also be carried out along the transport route within the mine (periodically, near truck entry and exit gate). Responsibility-Individual Mine Lease Holders and SPCB.	
	PPs Submission: Being Complied (i) Fugitive dust emissions are regularly controlled at all the sources. Activity Control Mechanism 1.Drill machine: Wet drilling and dust extractors 2.Haul road: Water sprinkling using fixed sprinklers for a stretch of 1.1 km on haul road and 2 nos. of mobile sprinklers of 50 KL and 16 KL capacity fitted with atomizer spray. 3.Blasting: Sequential blasting using Nonel, Wet stemming and face wetting 4.Crushing and screening: Dry fog systems Ambient air quality parameters conform to the prescribed standards. The monitoring report is attached herewith. (ii) Core zone of mining activity is monitored regularly. Three numbers of Online monitoring stations are installed in the core zone for regular monitoring and monitored data is directly connected to the SPCB Server. In addition to the above, required numbers of ambient and fugitive air quality monitoring stations are also installed and regular monitoring is carried out. (iii) Monitoring in buffer zone is carried out regularly. All the monitoring is carried out through NABET Accredited Agency M/s-Visiontek Consultancy Services Pvt Ltd. The NABET Accreditation certificate is enclosed herewith. (iv) We are regularly monitoring the emission of the vehicle (PUC) to ascertain emission limits as per the pollution norms. (v) Iron Ore is transported through tarpaulin covered trucks up to the nearest railway siding and port from where it is transported to user destination by railway wagons and ships respectively. Closed container truck is not readily available in the market for iron ore transportation. Construction of Slurry pipeline is under progress through which the ore/concentrate will be transported from Nuagaon to Paradeep. Photos of the tarpaulin covered trucks and dust control systems are attached herewith.		Date: 12/09/2026
62	Statutory Compliance	23) Noise and Vibration Related: (i) Blasting operation should be carried out only during daytime. Controlled blasting such as Nonel, should be practiced. The mitigation measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented. (ii) Appropriate measures (detailed in Section 5.4) should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with earplugs/muffs. (iii) Noise levels should be monitored regularly (on weekly basis) near the major sources of noise generation within the core zone. Further, date, time and distance of measurement should also be indicated with the noise levels in the report. The data should be used to map the noise generation from different activities and efforts should be made to maintain the noise levels within the acceptable limits of CPCB (CPCB, 2000) (iv) Similarly, vibration at various sensitive locations should be monitored at least once in month, and mapped for any significant changes due to successive mining operations. Responsibility: Individual Mine Lease Holders.	
	PPs Submission: Being Complied (i) Blasting operation is carried out only during daytime. Controlled blasting for control of ground vibrations and to arrest fly rocks and boulders are practiced with Sequential blasting using Nonel, Wet stemming and face wetting. (ii) All the equipments are having latest state of art technology with very low level of emission and best fuel efficiency engine. All the noise generating units in the machinery is provided with padded enclosures for attenuation of noise. Workers engaged are provided with ear plugs. (iii) Source noise are monitored on weekly basis near the major sources of noise generation within the core zone. The monitored data is within the acceptable limits of CPCB (CPCB, 2000). The report is attached herewith. (iv) Noise level at various sensitive locations is monitored once in month.		Date: 12/09/2026
63	Statutory Compliance	24) Water/Wastewater Related: (i) In general, the mining operations should be restricted to above ground water table and it should not	

		intersect groundwater table. However, if enough resources are estimated below the ground water table, the same may be explored after conducting detailed geological studies by GSI and hydro-geological studies by CGWB or NIH or institute of national repute, and ensuring that no damage to the land stability/ water aquifer system shall happen. The details/ outcome of such study may be reflected/incorporated in the EIA/EMP report of the mine appropriately. (ii) Natural watercourse and/or water resources should not be obstructed due to any mining operations. Regular monitoring of the flow rate of the springs and perennial nallas should be carried out and records should be maintained. Further, regular monitoring of water quality of nallas and river passing thorough the mine lease area (upstream and downstream locations) should be carried out on monthly basis. (iii) Regular monitoring of ground water level and its quality should be carried out within the mine lease area by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring should be carried out on monthly basis. (iv) In order to optimize water requirement, suitable conservation measures to augment ground water resources in the area should be undertaken in consultation with Central Ground Water Board (CGWB). (v) Suitable rainwater harvesting measures on long term basis should be planned and implemented in consultation with CGWB, to recharge the ground water source. Further, CGWB can prepare a comprehensive plan for the whole region. (vi) Appropriate mitigation measures (viz. ETP, STP, garland drains, retaining walls, collection of runoff etc.) should be taken to prevent pollution of nearby river/other water bodies. Water quality monitoring study should be conducted by State Pollution Control Board to ensure quality of surface and ground water sources on regular basis. The study can be conducted through NABL/ NABET approved water testing laboratory. However, the report should be vetted by SPCB. (vii) Industrial wastewater (workshop and wastewater from the mine) should be properly collected, treated in ETP so as to conform to the discharge standards applicable. (viii) Oil and grease trap should be installed before discharge of workshop effluents. Further, sewage treatment plant should be installed for the employees/colony, wherever applicable. (ix) Mine lease holder should ensure that no silt originating due to mining activity is transported in the surface water course or any other water body. Appropriate measures for prevention and control of soil erosion and management of silt should be undertaken. Quantity of silt/soil generated should be measured on regular basis for its better utilization. (x) Erosion from dumps site should be protected by providing geo-textile matting or other suitable material, and thick plantation of native trees and shrubs should be carried out at the dump slopes. Further, dumps should be protected by retaining walls. (xi) Trenches / garland drain should be constructed at the foot of dumps to arrest silt from being carried to water bodies. Adequate number of check dams should be constructed across seasonal/perennial nallas (if any) flowing through the mine lease areas and silt be arrested. De-silting at regular intervals should be carried out and quantity should be recorded for its better utilization, after proper soil quality analysis. (xii) The water so collected in the reservoir within the mine should be utilized for the sprinkling on hauls roads, greenbelt development etc. (xiii) There should be zero waste water discharge from the mine. Based on actual water withdrawal and consumption/ utilization in different activities, water balance diagram should be prepared on monthly basis, and efforts should be made to optimize consumption of water per ton of ore production in successive years. Responsibility: Individual Mine Lease Holders, SPCB and CGWB.
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PPs Submission: Being Complied

(i) Mining Operations in Iron ore pits are restricted to above groundwater table. In case, the mining scheme envisages intersection of ground water table, then formal clearance from CGWA will be undertaken. Hydrogeological study has been conducted. Hydrogeological Report is attached herewith. (ii) It is confirmed that no natural water course has been obstructed due to mining operations. Surface flow rate and water quality analysis (upstream and downstream locations) of the springs and perennial nallas are carried out and records are maintained. The monitoring report is attached herewith. (iii) Ground water level and its quality is monitored on a regular basis and the reports are submitted to the board on quarterly basis. Quarterly ground water report submitted to the board is attached herewith. (iv) Suitable conservation measures have been implemented for ground water augmentation in mining area in accordance with a detailed study carried out by M/s Geo Climate Risk Solutions (an empanelled agency of CGWB). (v) Rainwater is stored in the mined-out pits and other settling ponds within the mine lease area to facilitate groundwater recharge. Location wise capacity is given below. Pond 1 3693 cum Pond 2 2694 cum Pond 3 3879 cum Pond 4 4129.5 cum In addition to this, rainwater harvesting measures have also been implemented through roof top rain water harvesting structures in the colony premises with recharging system. Photos of the same are attached herewith. (vi) No wastewater is discharged out. Water quality monitoring study is conducted by NABL and NABET approved laboratory M/s-Visiontek Consultancy Services Pvt Ltd. The NABL Accredited certificate is hereby attached herewith. (vii) ETP of 20 KLD capacity established along with washing bay system. Additionally, Oil and grease trap system is also installed for the workshop wastewater treatment. The treated water is recirculated and used for washing the vehicles. Photograph of ETP is attached herewith. (viii) STP of 50 KLD is in operation. The treated water is used for gardening and watering plantations at operator colony and other areas. Photograph of STP is attached herewith. (ix) Proper Runoff management is carried out to and preventive measures have been taken accordingly such that no silt is transported in the surface water course. Plan showing the runoff management plan is attached herewith. (x) Dump site is protected by providing geotextile mats along with plantation, seed broadcasting, vetiver grassing over the dumps. (xi) Garland drains, retaining walls are provided at the foot of the dumps to arrest silt. Adequate check dams are constructed. The drains and settling ponds are de-silted on a regular basis. Photographs of the same are attached herewith. (xii) Water collected in mine pits is used for dust suppression using fixed and mobile water sprinklers.

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Statutory Compliance

25) Land/ Soil/ Overburden Related: (i) The top soil should temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long (not more than 3 years or as per provisions mentioned in the mine plan/ scheme). The topsoil should be used for land reclamation and plantation appropriately. (ii) Fodder plots should be developed in the non- mineralised area in lieu of use of grazing land, if any. (iii) Over burden/ low grade ore should be stacked at earmarked dump site(s) only and should not be kept active for long period. The dump height should be decided on case-to-case basis, depending on the size of mine and quantity of waste material generated. However, slope stability study should be conducted for larger heights, as per IBM approved mine plan and DGMS guidelines. The OB dump should be scientifically vegetated with suitable native species to prevent erosion and surface run off. In critical areas, use of geo textiles should be undertaken for stabilization of the dump. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining. Proper records should be maintained regarding species, their growth, area coverage etc. (iv) Catch drains and siltation ponds of appropriate size should be constructed to arrest silt and sediment flows from mine operation, soil, OB and mineral dumps. The water so collected can be utilized for watering the mine area, roads, green belt development etc. The drains should be regularly de-silted, particularly after monsoon and should be maintained properly. Appropriate documents should be maintained. Garland drain of appropriate size, gradient and length should be constructed for mine pit, soil, OB and mineral dumps and sump capacity should be designed with appropriate safety margin based on long term rainfall data. Sump capacity should be provided for adequate retention period

		to allow proper settling of silt material. Sedimentation pits should be constructed at the corners of the garland drains and de-silted at regular intervals. (v) Backfilling should be done as per approved mining plan/scheme. There should be no OB dumps outside the mine lease area. The backfilled area should be afforested, aiming to restore the normal ground level. Monitoring and management of rehabilitated areas should continue till the vegetation is established and becomes self-generating. (vi) Hazardous waste such as, waste oil, lubricants, resin, and coal tar etc. should be disposed off as per provisions of Hazardous Waste Management Rules, 2016, as amended from time to time. Responsibility: Individual Mine Lease Holders.
	PPs Submission: Being Complied (i) No top soil is generated as it is a working mine. (ii) Fodder plots have been developed in the non-mineralized area of the Mining lease. Photographs of the same is enclosed herewith. (iii) Overburden and low-grade iron ore are stacked at earmarked area as per approved mining plan. Slope stability study has been conducted as per DGMS guidelines. Copy of the report is attached as herewith. Dump site is scientifically protected by providing and maintaining geotextile mats along with plantation, seed broadcasting, vetiver grassing over the dumps. The growth and lifecycle of the species are monitored. (iv) Garland drains, retaining walls are provided at the foot of the dumps to arrest silt. Settling ponds and check dams are constructed with adequate sump capacity designed with appropriate safety margin based on long term rainfall data to arrest silt and sediment flows from mine operation, soil, OB and mineral dumps, thus collected water is used for dust suppression and green belt development. The drains and settling ponds are de-silted on a regular basis. (v) Backfilling is in progress in line with approved mining plan. (vi) Hazardous waste has been disposed of as per provisions of Hazardous waste management Rules 2016. Waste oil, lubricants (as per Cat.5.1, Schedule-I) are disposed to authorized recyclers.	Date: 15/09/2026
65	Statutory Compliance	26) Ecology/Biodiversity (Flora-Fauna) Related- (i) As per the Red List of IUCN (International Union for Conservation of Nature), six floral species and 21 faunal species have been reported to be under threatened, vulnerable and endangered category. Protection of these floral and faunal species should be taken by the State Forest and Wildlife Department on priority, particularly in the mining zones, if any. (ii) The mines falling within 5-10 km of the Karo-Karampada Elephant corridor buffer need to take precautionary measures during mining activities. The forest and existing elephant corridor routes are to be protected and conserved. Improvement of habitat by providing food, water and space for the elephants is required to be ensured to avoid Man-Elephant conflicts. Though as per the records of State Forest Department, movement of elephants in the Karo-Karampada elephant corridor within 10 km distance from the mines in Joda and Koira is not observed, the Forest Department shall further record and ensure that elephant s movement is not affected due to mining activities. (iii) All precautionary measures should be taken during mining operation for conservation and protection of endangered fauna namely elephant, sloth bear etc. spotted in the study area. Action plan for conservation of flora and fauna should be prepared and implemented in consultation with the State Forest and Wildlife Department within the mine lease area, whereas outside the mine lease area, the same should be maintained by State Forest Department. (iv) Afforestation is to be done by using local and mixed species saplings within and outside the mining lease area. The reclamation and afforestation is to be done in such a manner like exploring the growth of fruit bearing trees which will attract the fauna and thus maintaining the biodiversity of the area. As afforestation done so far is very less, forest department needs to identify adequate land and do afforestation by involving local people in a time bound manner. (v) Green belt development carried out by mines should be monitored regularly in every season and parameters like area under vegetation/plantation, type of plantation, type of tree species /grass species/scrubs etc., distance between the plants and survival rate

		should be recorded. (vi) Green belt is an important sink of air pollutants including noise. Development of green cover in mining area will not only help reducing air and noise pollution but also will improve the ecological conditions and prevent soil erosion to a greater extent. Further, selection of tree species for green belt should constitute dust removal/dust capturing plants since plants can act as efficient biological filters removing significant amounts of particulate pollution. Thus, the identified native trees in the mine area maybe encouraged for plantation. Tree species having small leaf area, dense hair on leaf surface (rough surface), deep channels on leaves should be included for plantation. (vii) Vetiver plantation on inactive dumps may be encouraged as the grass species has high strength of anchoring besides medicinal value. (viii) Details of compensatory afforestation done should be recorded and documented by respective forest divisions, and State Forest Department should present mine-wise annual status, along with expenditure details. (ix) Similarly, Wildlife Department is also required to record and document annual status of wildlife in the region and should identify the need for wildlife management on regional level. (x) Maintenance of the ecology of the region is prime responsibility of the State Forest and Wildlife Department. They need to periodically review the status and identify the need for further improvement in the region. The required expenditure may be met from the funds already collected in the form of compensatory afforestation and wildlife management. Further, additional fund, if required can be sought from DMF. Responsibility- Individual Mine Lease Holders and State Forest and Wildlife Department.
	PPs Submission: Being Complied (i) For the protection of floral and faunal species, Site-Specific Wild life conservation plan as per Wild Life (Protection) Amendment Act, 2022 was prepared by Forest department and got approved from PCCF (Wildlife) and Chief Wildlife Warden, Odisha vide letter no. 4969/CWLW-FDWC-FD-0126-2021 dt. 17-06-2026. (ii)/ (iii) The Karo Karampada Elephant Corridor is located approximately 7.7 km north of the mine lease area. A Site-Specific Wildlife Conservation Plan was prepared and approved by the PCCF (Wildlife) and Chief Wildlife Warden, Odisha, vide Letter No. 988/CWLW-FDWC-FD-0126-2021 dated 31.01.2022, with a financial outlay of Rs. 746.173 lakh. Subsequently, the plan was revisited and revised, and the updated Site-Specific Wildlife Conservation Plan was approved by the PCCF (Wildlife) and Chief Wildlife Warden, Odisha, vide Letter No. 4969/CWLW-FDWC-FD-0126-2021 dated 17.06.2026. Accordingly, a sum of Rs. 1126.406 lakh has been earmarked to be deposited to the CAMPA fund for the purpose of implementation of various activities within the project impact areas in Bonai and Keonjhar Forest Division. Copy of the letter is enclosed herewith. These scheme covers conservation measures for wildlife management and development of flora by plantation of intimate mixture of food and cover species, goe-textile, grass seeding, etc. (iv) In addition to this afforestation covering 30,398 nos. of saplings of mixed local species is carried out till date. This is in addition to the afforestation carried out by Ex-lessee (M/s. AMTC) before 2020. Green belt development is regularly being carried out by mines and maintained/ monitored regularly. The plantation includes local species such as Gulmohar, Imli, jamun which helps in arresting the dust. (v) Green belt development carried out within the mine is maintained/ monitored regularly and parameters like area under vegetation/plantation, type of plantation, type of tree species /grass species/scrubs etc., and survival rate is recorded. (vi) The plantation includes local species such as Gulmohar, Imli, jamun which helps in arresting the dust. (vii) Vetiver grass is planted on inactive dumps for the slope stabilization. (viii) Compensatory Afforestation (CA) is being carried out by the State Forest Department. A financial outlay of Rs. 173.70 lakh has been provided for CA over 53.61 ha. In addition, Rs. 191.35 lakh has been allocated towards additional CA over 60.00 ha for afforestation activities within the project area. (ix)/ (x) JSW will abide by the directions of State Forest and Wildlife Department in this regard, if any.	Date: 23/09/2026
66	Statutory Compliance	27) Socio-Economic Related: (i) Public interaction should be done on regular basis and social welfare activities should be done to meet the requirements of the local communities. Further, basic amenities and infrastructure facilities like education, medical, roads, safe

		drinking water, sanitation, employment, skill development, training institute etc. should be developed to alleviate the quality of life of the people of the region. (ii) Land outtees and land losers/affected people, if any, should be compensated and rehabilitated as per the national/state policy on Resettlement and Rehabilitation. (iii) The socio-economic development in the region should be focused and aligned with the guidelines/initiatives of Govt. of India/ NITI Aayog / Hon ble Prime Minister s Vision centering around prosperity, equality, justice, cleanliness, transparency, employment, respect to women, hope etc. This can be achieved by providing adequate and quality facilities for education, medical and developing skills in the people of the region. District administration in association with mine lease holders should plan for Samagra Vikas of these blocks well as other blocks of the district. While planning for different schemes in the region, the activities should be prioritized as per Pradhan Mantri Khanij Kshetra Kalyan Yojna (PMKKKY), notified by Ministry of Mines, Govt. of India, vide letter no. 16/7/2017-M.VI (Part), dated September 16, 2015. Responsibility: District Administration and Individual Mine Lease Holders.
	PPs Submission: Being Complied (i) Public interactions are being carried out on regular basis and social welfare activities are being done to meet the requirements of the local communities. Activities like education, medical, roads, safe drinking water, sanitation, employment, skill development, training institute etc. has been developed to alleviate the quality of life of the people. The activities cover 16 villages, 2 panchayats and 2,900 families in the Narayanposhi area. Details of the few are as follows: a) Healthcare: 14,487 consultations through dispensaries, 603 ambulance service beneficiaries, 272 beneficiaries through health camps and 53 eye screenings during FY 2025-26. b) Education: Student outreach through school bus, teacher support, Humara Gaon, ASPIRE and Green School programmes covering 7 schools, along with Udan Scholarships to 6 students during FY 2025-26. c) Drinking Water: 45 defunct borewells were revived, 1 solar-based borewell was provided and tanker-based drinking water services were extended to 4 villages during FY 2025-26. d) Sanitation: Sanitation initiatives were undertaken in 7 villages, covering 2,042 households under WaSH initiatives. Further, 271 toilets were newly constructed/retrofitted during FY 2025-26. e) Rural Infrastructure: 40 solar streetlights were installed and 60 defunct solar streetlights were revived during FY 2025-26. f) Sports and community development: Sports coaching and equipment support were provided to local aspiring sportspersons, with 40 football players coached and supported with sports equipment during FY 2025-26. (ii) There are no land oustees, land losers, or affected persons within the mine lease area. (iii) Socio-economic development in the region is being undertaken in alignment with the guidelines and initiatives of the Government of India, NITI Aayog, and the Honble Prime Minister s vision. We are also in regular consultation with the District Administration regarding the implementation of various developmental schemes and initiatives in the region. The working areas are already listed above.	Date: 15/09/2026
67	Statutory Compliance	28) Road Transport Related: (i) All the mine lease holders should follow the suggested ore transport mode (SOTM), based on its EC capacity within next 5 years. (ii) The mine lease holders should ensure construction of cement road of appropriate width from and to the entry and exit gate of the mine, as suggested in Chapter 10. Further, maintenance of all the roads should be carried out as per the requirement to ensure dust free road transport. (iii) Transportation of ore should be done by covering the trucks with tarpaulin or other suitable mechanism so that no spillage of ore/dust takes place. Further, air quality in terms of dust, PM10 should be monitored near the roads towards entry and exit gate on regular basis, and be maintained within the acceptable limits. Responsibility: Individual Mine Lease Holders and Dept. of Steel and Mines.
	PPs Submission: Being Complied Concrete road is provided from the exit of Manganese quarry to NH. Concrete road is also available at Gate 2, the main exit gate of the mines. Photographs of concrete roads is submitted herewith. Iron	Date: 15/09/2026

Ore is transported through tarpaulin covered trucks up to the nearest railway siding and port from where it is transported to user destination by railway wagons and ships respectively. Construction of Slurry pipeline is under progress through which the ore/concentrate will be transported to Paradeep. Photos of the tarpaulin covered trucks, dust control systems are attached herewith. PM10 along with other parameters are monitored near the roads towards entry and exit gate on regular basis and are maintained within the acceptable limits.			
68	Statutory Compliance	29) Occupational Health Related: (i) Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects periodically. (ii) Occupational health surveillance program for all the employees/workers (including casual workers) should be undertaken periodically (on annual basis) to observe any changes due to exposure to dust, and corrective measures should be taken immediately, if needed. (iii) Occupational health and safety measures related awareness programs including identification of work related health hazard, training on malaria eradication, HIV and health effects on exposure to mineral dust etc., should be carried out for all the workers on regular basis. A full time qualified doctor should be engaged for the purpose. Periodic monitoring (on 6 monthly basis) for exposure to respirable minerals dust on the workers should be conducted, and record should be maintained including health record of all the workers. Review of impact of various health measures undertaken (at an interval of 3 years or less) should be conducted followed by follow-up of actions, wherever required. Occupational health centre should be established near mine site itself. Responsibility: Individual Mine Lease Holders and District Administration (District Medical Officer).	
PPs Submission: Being Complied i) All workers are provided with proper PPE, with adequate training and information on safety and health aspects periodically. ii) Occupational health surveillance program for all the employees/workers are done on annual basis to observe any changes due to exposure to various parameters including dust. PPEs like safety shoes, reflective jacket, safety glass, ear plugs, helmets etc. have been distributed. Personnel working in dusty areas wear protective respiratory devices and vocational training and information on safety and health aspects are being given to them periodically. Total number of 961 Vocational trainings has been carried out in the financial year 2025-26. 514 numbers of IME have been conducted for Narayanposhi Iron and Mn Ore mines. The report of medical examination is herewith attached.			Date: 15/09/2026
69	Statutory Compliance	30) Reporting of Environmental Sustainability Achievement: All the mines should prepare annual environmental sustainability report (ESR), highlighting the efforts made towards environmental protection with respect to different environmental components vis-a-vis production performance of the mine on monthly basis. The data collected as per EC and CTE/CTO conditions should be utilized to prepare the annual sustainability report. The mines performing high with effective environmental safeguards may be suitably recognized/rewarded. Star Rating Format formulated by the Ministry of Mines along with environmental sustainability report may be used.	
PPs Submission: Being Complied Narayanposhi Iron and Manganese Ore Mine is a newly auctioned mine executed on 27.06.2020 for 50 years. Annual Environmental Sustainability Report (ESR), highlighting the efforts made towards environmental protection with respect to different environmental components and monitoring data as per EC and CTO conditions being prepared. And Star Rating Format as formulated by the Ministry of Mines along with environmental sustainability report is being prepared and submitted to the statutory bodies.			Date: 15/09/2026
70	Statutory Compliance	31) Environmental Monitoring Requirements at Regional Level: Apart from strict compliance and monitoring by individual mine lease	

		holder, there is a need for simultaneous monitoring in each of the regions by competent expert agencies under the guidance/ supervision of concerned regulatory agency. Details of the studies required to be done on regular basis (continuously for 5 years) through responsible agency (organization of national/state repute) and time frame are suggested. The data so generated for the region should be made available on the website of Department of Steel and Mines and also at MoEFCC website, so that it can be effectively utilized by Individual Mine Lease Holders for preparing EIA/ EMP reports. This will meet the requirement for separate one season baseline environmental quality data collection by the individual proponents, if the mine proposed is in the same study region. Further, MoEFCC (through EAC) can also utilize the database available in evaluating the proposals for expansion of existing mines or new mines while granting ToR or EC to the mine, taking an holistic view of the region. State Govt. of Odisha should bring out an integrated environmental sustainability report for each of the regions (mainly for Joda and Koia region) incorporating ESR of individual mines and data collected in the region through various agencies, once in 5 years, to plan level of scientific and sustainable mining for the next 5 years.
	PPs Submission: Complied 1. Regular monitoring of air, water, noise and soil quality etc., are being carried out by NABL/MoEFCC accredited laboratory and the reports being submitted to the statutory bodies. JSW is abide by the directions of SPCB in this regard if any. 3 no.s of CAAQMS stations in consultation with RO- SPCB have already been installed for continuous monitoring of PM10, PM2.5, SO2, NOx and CO parameters. 2. Study of the biological environment has been conducted by the expert and list of flora and fauna has been approved by DFO, Bonai and Keonjhar Forest Division. 3. JSW will abide by the directions of District Administration in this regard, if any. 4. JSW will abide by the directions of SPCB in this regard, if any. 5. JSW will abide by the directions of Department of Steel and Mines in this regard, if any. 6. NH-520 is passing through the lease and exit gate of mine working area is connecting the same. So, there is no such requirement in this case. Concrete road (300 m) connecting mine lease entry and exit to the NH-520 inside the Mine Lease area is being maintained. Maintenance of all roads under JSW control is being done regularly to ensure dust-free road transport. 7. We will abide by the directions of Department of Steel and Mines in this regard, if any. 8. Digital processing of the entire lease area using remote sensing technique is being carried out by ORSAC for monitoring the land use pattern and the mining activity. DGPS lease boundary superimposed on high resolution satellite image map duly certified by ORSAC. 9. We will abide by the directions of Department of Steel and Mines in this regard, if any.	Date: 15/09/2026
71	Statutory Compliance	Institutional Mechanism for Implementation of Environmentally Sustainable Mining: The present study is not a one-time study, but a process to ensure environmentally sustainable mining activities in the region on long term basis. Looking into the large-scale mining activities and long-term perspective for mining vis-a-vis environmentally sustainable mining and upliftment of people of the region, there is a need to create an agency, who will integrate all the aspects relating to sustainable mining in the region on long term basis. It could be a SPV of Govt. of Odisha or a cell within the overall control and supervision of Dept. of Steel and Mines, with members from IBM, GSI, OSPCB, MoEFCC-RO and other concerned Departments and Mine Owners (EZMA), District Administration. It is found that the strong database available for the region needs to be taken into account to map and establish environmental quality of the region on daily, monthly, seasonal and annual basis. Further, the efforts and initiatives of the mines towards environmental protection as well as upliftment of the people of the region are required to be integrated, and a systematic plan at the block/regional level needs to be framed for the overall benefit of the local society, region, district, state and the country as a whole. It will be desirable to have proper environmental quality data management and analysis by NEERI or any other agency for next 5 years (six

		monthly compliance reports followed by field verification) ensuring sustainable mining practices in the region leading to an overall development of the region. District Mineral Funds should be utilized appropriately for various developmental activities/needs of the region. Further, an environmental sustainability report incorporating environmental status of region coupled with social upliftment may be brought out by SPCB or any other authorized agency on annual basis. This report can be used for supporting the regional EIA study, and also need for environmental quality monitoring by individual mine seeking environmental clearance for new mine/ expansion of mine, including public hearing. Since, outcome of the above study reports shall be in the overall interest of all the stakeholders (including local population) of the region, further planning for the region shall warrant cooperation and assistance of all the stakeholders (mine operators, industries, transporters, State and Central Government Offices, MoEFCC, CPCB, SPCB, Dept. of Steel and Mines, IBM, IMD, NGOs and local people) in sharing the relevant data/information/reports/documents etc. to continuously improve upon the environmentally sustainable development plan for economic growth in mining sector as well as for improvement in quality of life of the people of the region.
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PPs Submission: Agreed to Comply

We will extend our support in every aspect towards environmentally sustainable development plan for economic growth in mining sector as well as for improvement in quality of life of the people of the region inline to State Govt policy.

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General Conditions

Sr.No.	Condition Type	Condition Details
1	Statutory Compliance	The State Government concerned shall ensure that mining operation shall not be commenced till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining and Geology in strict compliance of Judgment of Honble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India and Ors.

PPs Submission: Agreed to Comply

State Government (Steel and Mines Department) has given vested order in favour of M/s. JSW Steel Limited vide No. 1335/SM, dated 15.02.2022 for grant of mining lease for 50 years. All clearances vested under section-8A, Sub section-2 of Mines and Mineral Development Regulation Act, 1957. Mining operations had commenced after compliance of the Honble Supreme Court judgment.

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2	Statutory Compliance	The Project Authorities should widely advertise about the grant of this EC letter by printing the same in at least two local newspapers, one of which shall be in vernacular language of the concerned area. The advertisement shall be done within 7 days of the issue of the clearance letter mentioning that the instant project has been accorded EC and copy of the EC letter is available with the State Pollution Control Board/Committee and web site of the Ministry of Environment, Forest and Climate Change (www.parivesh.nic.in). A copy of the advertisement may be forwarded to the concerned MoEFCC Regional Office for compliance and record.
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PPs Submission: Complied

The grant of this EC has been advertised by publishing in two local newspapers (one in Odia vernacular language) within 7 days of issuance of new EC. Details of the local newspapers is as follows: English Language- Orissa Post (Dt. 03.03.26) Odia Language- The Sakala (Dt. 03.03.26)

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The advertisement showing grant of EC is attached herewith.		
3	Statutory Compliance	This Environmental Clearance (EC) is subject to orders/ judgment of Honble Supreme Court of India, Honble High Court, Honble NGT and any other Court of Law, Common Cause Conditions as may be applicable.
PPs Submission: Agreed to Comply Agreed to abide by any orders passed by Courts of Law relating to this project.		Date: 15/09/2026
4	Statutory Compliance	The Project Proponent shall inform the MoEFCC for any change in ownership of the mining lease. In case there is any change in ownership or mining lease is transferred. PP needs to apply for transfer of EC as per provisions of the para 11 of EIA Notification, 2006 as amended from time to time.
PPs Submission: Agreed to Comply EC had been accorded to M/s Aryan Mining and Trading Corporation Pvt. Ltd. (ex-lessee) and subsequently vested to M/s JSW Steel Limited. Acknowledge letter has been accorded by MoEFCC vide letter dated 11/12/2021. Any future change in ownership will be communicated to MoEFCC and EC transfer will be applied as per EIA Notification, 2006.		Date: 15/09/2026
5	Statutory Compliance	The Project proponent complies with all the statutory requirements and judgment of Honble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India and Ors before commencing the mining operations.
PPs Submission: Agreed to Comply Agreed to comply with all statutory requirements and judgment of Honble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India and Ors. before commencing/continuing the mining operations.		Date: 15/09/2026
6	Statutory Compliance	State Pollution Control Board/Committee shall be responsible for display of this EC letter at its Regional office, District Industries Centre and Collectors office/ Tehsildars Office for 30 days.
PPs Submission: Complied State Pollution Control Board/Committee has displayed the EC letter at its Regional office and Tehsildars office for 30 days. The display of EC copy is attached herewith.		Date: 15/09/2026
7	Statutory Compliance	A copy of EC letter will be marked to concerned Panchayat / local NGO etc. if any, from whom suggestion / representation has been received while processing the proposal.
PPs Submission: Complied A copy of EC has been submitted to Koira Gram Panchayat vide letter No. JSW/S/CO/2026/124, dated 05.03.2026. Copy of the EC was also displayed at the Gram Panchayat office. The display of EC copy is attached herewith.		Date: 15/09/2026
8	Statutory Compliance	The Project Proponent shall follow the mitigation measures provided in MoEFCC s Office Memorandum 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: Agreed to Comply		Date:

As per the Office Memorandum No. Z-11013/57/2014-IA.II(M), dated 29th October 2014, titled Impact of mining activities on Habitations, mitigation measures are being implemented. This includes construction of garland drains, check dams, retaining walls, settling ponds, regular monitoring of natural streams, illumination surveys and other measures as stipulated. Photographs of the above and monitoring reports are attached herewith.		15/09/2026
9	Statutory Compliance	The project proponent shall prepare a Site-Specific Conservation Plan and 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).
PPs Submission: Complied Site-Specific Wildlife Conservation Plan was prepared and approved by the PCCF (Wildlife) and Chief Wildlife Warden, Odisha, vide Letter No. 988/CWLW-FDWC-FD-0126-2021 dated 31.01.2022, with a financial outlay of Rs. 746.173 lakh. Subsequently, the plan was revisited and revised, and the updated Site-Specific Wildlife Conservation Plan was approved by the PCCF (Wildlife) and Chief Wildlife Warden, Odisha, vide Letter No. 4969/CWLW-FDWC-FD-0126-2021 dated 17.06.2026. The SSWLCP is attached herewith.		Date: 23/09/2026
10	Statutory Compliance	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
PPs Submission: Complied Not Applicable. As per the information furnished, no National Park/Wildlife Sanctuary is located within 5 km of the mine lease area.		Date: 15/09/2026
11	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: Complied Forest Clearance had been accorded for 244.327 Ha out of the total 257.451 Ha of forest land to the erstwhile lessee. Out of the diverted forest area of 244.327 Ha, an area of 238.201 Ha has been transferred to M/s JSW Steel Ltd. The remaining 19.25 Ha of forest land is yet to be diverted. No mining activities are being undertaken in the undiverted forest land. The FC transfer letter is attached herewith.		Date: 24/09/2026
12	Statutory Compliance	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
PPs Submission: Complied The CGWA NOC has been obtained vide NOC No.: NOC/MIN/OD/2025/18602/R-3/3 dated 29/05/2026. The NOC copy is attached herewith.		Date: 15/09/2026
13	Statutory Compliance	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
PPs Submission: Being Complied Renewal of authorization under the Hazardous and Other Waste Management Rules, 2016 is under progress (Application No. 7234454) with Odisha State Pollution Control Board. Hazardous wastes are being stored and disposed as per provisions of Hazardous Waste Management Rules 2016.		Date: 24/09/2026
14	Statutory Compliance	The project proponent shall obtain Consent to Establish / Operate

		under the provisions of Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
PPs Submission: Complied Consent to Operate has been accorded by Odisha State Pollution Control Board vide letter no. 3791/IND-I-CON-2258 dated 23.03.2026 valid up to 31.03.2027, under the provisions of Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974. The CTO copy is attached herewith.		Date: 15/09/2026
15	Statutory Compliance	The Project Proponent shall make necessary alternative arrangements for livestock feed by developing grazing land with a view to compensate those areas which are coming within the mine lease. The development of such grazing land shall be done in consultation with the State Government. In this regard, Project Proponent should essentially implement the directions of the Hon ble Supreme Court with regard to acquisition of grazing land. The sparse trees on such grazing ground, which provide mid-day shelter from the scorching sun, should be scrupulously guarded/ protected against felling and plantation of such trees should be promoted.
PPs Submission: Complied Fodder plots have been developed in the non-mineralized area of the Mining lease in lieu of use of grazing land. Sparse trees on such grazing ground are scrupulously guarded/protected against felling and plantation of trees is being promoted. Photographs attached herewith.		Date: 15/09/2026
16	Statutory Compliance	The Project Proponent shall carryout plantation/ afforestation in backfilled and reclaimed area of mining lease, around water body, along the roadsides, in community areas etc. by planting the native species in consultation with the State Forest Department/ Agriculture Department/ Rural development department/ Tribal Welfare Department/ Gram Panchayat such that only those species be selected which are of use to the local people. The CPCB guidelines in this respect shall also be adhered. The density of the trees should be around 2500 saplings per Hectare. Adequate budgetary provision shall be made for protection and care of trees.
PPs Submission: Complied Plantation has been carried out in the mine lease area with native and fruit-bearing species. A total of 4318 saplings has been planted in the FY25-26, keeping the density of the saplings at 2500 saplings per hectare and has a survival rate of approximately 95 percentage. Safety zone plantation, bench plantation, avenue plantation, dump and berm plantation has been done. Adequate budget has been allotted for further maintenance and after care of the saplings planted. Photographs of plantation are attached herewith.		Date: 15/09/2026
17	Air Quality Monitoring And Preservation	Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metalled road construction etc.) shall be carried out in areas prone to air pollution wherein high levels of PM10 and PM2.5 are evident such as haul road, loading and unloading point and transfer points. The Fugitive dust emissions from all sources shall be regularly controlled by installation of required equipments/ machineries and preventive maintenance. Use of suitable water-soluble chemical dust suppressing agents may be explored for better effectiveness of dust control system. It shall be ensured that air pollution level conform to the standards prescribed by the MoEFCC/ Central Pollution Control Board.
PPs Submission: Complied Fugitive dust emissions are regularly controlled at all sources. The controls against various processes		Date: 15/09/2026

are as follows: 1. Drill machine: Wet drilling and dust extractors. 2. Haul road: Fixed water sprinklers and 2 no.s mobile sprinklers (50KL and 16KL) with atomizer spray. 3. Blasting: Sequential blasting using Nonel, Wet stemming and face wetting. 4. Crushing and Screening: Cold fog dust suppression systems. 5. Dust suppressant chemicals are added in mobile sprinklers. The air quality conforms to MoEFCC/CPCB standards. Photographs attached herewith.		
18	Air Quality Monitoring And Preservation	The Project Proponent shall install a minimum of 3 (three) online Ambient Air Quality Monitoring Stations with 1 (one) in upwind and 2 (two) in downwind direction based on long term climatological data about wind direction such that an angle of 120 degree is made between the monitoring locations to monitor critical parameters, relevant for mining operations, of air pollution viz. PM10, PM2.5, NO2, CO and SO2 etc. as per the methodology mentioned in NAAQS Notification No. B- 29016/20/90/PCI/I, dated 18.11.2009 covering the aspects of transportation and use of heavy machinery in the impact zone. The ambient air quality shall also be monitored at prominent places like office building, canteen etc. as per the site condition to ascertain the exposure characteristics at specific places. The above data shall be digitally displayed within 03 months in front of the main Gate of the mine site.
PPs Submission: Complied Three nos. of online Continuous Ambient Air Quality Monitoring Stations (CAAQMS) are installed at 120 degree angle as per the scientific study and in consultation with CPCB/SPCB and is operational at the mine site monitoring PM10, PM2.5, SO2, NOx and CO parameters. CAAQMS 1: Near Mines Office (upwind) CAAQMS 2: Near Gate No. 1 (downwind) CAAQMS 3: Near Gate No. 2 (downwind) Real-time data from CAAQMS is displayed on digital display boards at the entry/exit gate of the mine for public information. The CAAQMS data is linked to the SPCB/CPCB server as required. Regular calibration of CAAQMS equipment is being carried out. The letter of communication with SPCB and map in support of the location of CAAQMS is attached herewith.		Date: 15/09/2026
19	Air Quality Monitoring And Preservation	Design the ventilation system for adequate air changes as per ACGIH document for all tunnels, motor houses, Oil Cellars.
PPs Submission: Agreed to Comply Agreed to abide by condition wherever applicable.		Date: 15/09/2026
20	Air Quality Monitoring And Preservation	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.
PPs Submission: Being Complied Regular water sprinkling along with dust suppressant chemicals is done around the mineral stock piles to avoid fugitive emissions.		Date: 15/09/2026
21	Air Quality Monitoring And Preservation	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986. 9) The project proponent shall install system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each). covering upwind and downwind directions.
PPs Submission: Complied Fugitive emissions in the mine lease area are monitored on weekly basis through M/s Visiontek Consultancy Services Pvt. Ltd., a NABL Accredited Laboratory. Three nos. of online Continuous Ambient Air Quality Monitoring Stations (CAAQMS) are installed at 120 degree angle as per the		Date: 15/09/2026

scientific study and in consultation with CPCB/SPCB and is operational at the mine site monitoring PM10, PM2.5, SO2, NOx and CO parameters. CAAQMS 1: Near Mines Office (upwind) CAAQMS 2: Near Gate No. 1 (downwind) CAAQMS 3: Near Gate No. 2 (downwind)			
22	Air Quality Monitoring And Preservation	The project proponent shall install system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each). covering upwind and downwind directions.	
PPs Submission: Complied Three nos. of online Continuous Ambient Air Quality Monitoring Stations (CAAQMS) are installed at 120 degree angle as per the scientific study and in consultation with CPCB/SPCB and is operational at the mine site monitoring PM10, PM2.5, SO2, NOx and CO parameters. CAAQMS 1: Near Mines Office (upwind) CAAQMS 2: Near Gate No. 1 (downwind) CAAQMS 3: Near Gate No. 2 (downwind) Real-time data from CAAQMS is displayed on digital display boards at the entry/exit gate of the mine for public information. The CAAQMS data is linked to the SPCB/CPCB server as required. Regular calibration of CAAQMS equipment is being carried out.			Date: 15/09/2026
23	Air Quality Monitoring And Preservation	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories. Monitor fugitive emissions in the plant premises.	
PPs Submission: Complied Not applicable. There is no process stack in the mine lease area.			Date: 15/09/2026
24	Air Quality Monitoring And Preservation	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.	
PPs Submission: Complied The Air Pollution Control (APC) system have been provided for all the dust generating points as follows: 1. Cold fog system at crusher and screening plant. 2. Fixed water sprinklers and 2 no.s mobile sprinklers (50KL and 16KL) with atomizer spray on haul roads. 3. Wet drilling with dust extractors at drill machines. 4. One vacuum road sweeping machine has been deployed on the stretches of NH520 and Rajamunda-Rimuli road to remove accumulated dust and fine particulate matter, thereby minimizing fugitive dust emissions. 5. All trucks transporting iron ore are covered with tarpaulins to prevent spillage and dust emissions. 6. Wheel washing system with complete recirculation is established at mine exit gate. All the systems are maintained regularly to comply with prescribed fugitive standards.			Date: 15/09/2026
25	Air Quality Monitoring And Preservation	The project proponent use leak proof trucks/dumpers carrying ore and other raw materials and cover them with tarpaulin.	
PPs Submission: Complied All trucks transporting iron ore are covered with tarpaulins to prevent spillage and dust emissions. Also, Pollution Under Control (PUC) certificates are obtained for all vehicles. Photographs are attached herewith.			Date: 15/09/2026
26	Air Quality Monitoring And Preservation	The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of	

		manual stack monitoring and manual monitoring of air quality/fugitive emissions to Regional Office of MoEFandCC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
PPs Submission: Being Complied There is no process stack in the mine lease area. Hence, continuous stack emission monitoring is not required. The monthly summary report of air quality monitoring and fugitive emissions done within the mine is submitted along with the six-monthly EC compliance report. The results of manual stack monitoring will be submitted with the six-monthly EC compliance report.		Date: 15/09/2026
27	Water Quality Monitoring And Preservation	In case, immediate mining scheme envisages intersection of ground water table, then Environmental Clearance shall become operational only after receiving formal clearance from CGWA. In case, mining operation involves intersection of ground water table at a later stage, then PP shall ensure that prior approval from CGWA and MoEFCC is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydro- geological study of the area.
PPs Submission: Complied Hydrogeological study has been conducted and the CGWA NOC has been obtained vide NOC No.: NOC/MIN/OD/2025/18602/R-3/3 dated 29/05/2026. The NOC copy and Hydrogeological Report is attached herewith.		Date: 15/09/2026
28	Water Quality Monitoring And Preservation	Quality of polluted water generated from mining operations which include Chemical Oxygen Demand (COD) in mines run-off; acid mine drainage and metal contamination in runoff shall be monitored along with Total Suspended Solids (TDS), Dissolved Oxygen (DO), pH and Total Suspended Solids (TSS). The monitored data shall be uploaded on the website of the company as well as displayed at the project site in public domain, on a display board, at a suitable location near the main gate of the Company. The circular No. J- 20012/1/2006-IA.II (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change may also be referred in this regard.
PPs Submission: Complied Surface runoff water is monitored during monsoon and analysed for COD, TSS, TDS, DO, pH and other parameters. The monitored data along with half yearly EC compliance report is uploaded on the website of the company. The digital display board is installed at the main gate of the mine as per the circular No. J- 20012/1/2006-IA.II (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change.		Date: 15/09/2026
29	Water Quality Monitoring And Preservation	Project Proponent shall regularly monitor and maintain records w.r.t. ground water level and quality in and around the mine lease by establishing a network of existing wells as well as new piezo-meter installations during the mining operation in consultation with Central Ground Water Authority/ State Ground Water Department. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.
PPs Submission: Complied Ground water level and quality is monitored on quarterly basis through established network of piezometers and existing wells in and around the mine lease. Monitoring reports on ground water level and quality are submitted to the Regional Office of the Ministry and State Pollution Control Board on a quarterly basis. Quarterly ground water report submitted is attached herewith.		Date: 15/09/2026
30	Water Quality Monitoring And	Industrial waste water (workshop and waste water from the mine)

	Preservation	should be properly collected and treated so as to conform to the notified standards prescribed from time to time. The standards shall be prescribed through Consent to Operate (CTO) issued by concerned State Pollution Control Board (SPCB). The workshop effluent shall be treated after its initial passage through Oil and grease trap.
PPs Submission: Complied ETP of 15KLD capacity has been established along with a washing bay system. Oil and grease trap system is installed for workshop effluent primary treatment. The treated water is recirculated and used for washing mining equipment. Quality of inlet and outlet water of ETP is monitored on monthly basis. The ETP treated water quality conforms with the standards prescribed in CTO issued by SPCB. ETP photograph is attached herewith.		Date: 15/09/2026
31	Water Quality Monitoring And Preservation	Project Proponent shall plan, develop and implement rainwater harvesting measures on long term basis to augment ground water resources in the area in consultation with Central Ground Water Board/ State Groundwater Department. A report on amount of water recharged needs to be submitted to Regional Office MoEFCC annually.
PPs Submission: Complied Rainwater conservation measures are implemented in consultation with the CGWB-empanelled agency, M/s Geo Climate Risk Solutions. Rainwater is stored in mined-out pits and settling ponds within the mine lease area to facilitate groundwater recharge. The capacities of the major settling ponds are as follows: Pond 1: 3693 cum Pond 2: 2694 cum Pond 3: 3879 cum Pond 4: 4129.5 cum The total estimated recharge from these recharge structures is 17,274.60 cum/year. Roof-top rainwater harvesting structures with recharge systems have also been implemented in the colony premises. The estimated annual groundwater recharge through this rooftop rainwater harvesting structures is 1,488 cum/year. The rooftop rainwater harvesting systems at mines office, operators colony and the recharge pits at mines site are shown in attachment.		Date: 15/09/2026
32	Water Quality Monitoring And Preservation	The water balance/water auditing shall be carried out and measure for reducing the consumption of water shall be taken up and reported to the Regional Office of the MoEFandCC and State Pollution Control Board/Committee.
PPs Submission: Complied Water balance/water auditing is carried out regularly. Rainwater stored in settling pits is used for dust suppression in fixed and mobile sprinklers. Chemical dust suppressants and pressurized sprinklers are used to minimize water requirement. Other measures to reduce water consumption include: reuse of treated ETP water for vehicle washing, use of STP treated water for plantation and gardening, water used in wheel washing system is recirculated for wheel washing purpose after sedimentation, drip irrigation system is used for watering plants on dumps. Water balance sheet is attached herewith.		Date: 15/09/2026
33	Water Quality Monitoring And Preservation	The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEFandCC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
PPs Submission: Complied Effluent quality monitoring of effluents from ETP and STP are done on monthly basis. Quality of groundwater is monitored on quarterly basis. ETP monitoring report and STP monitoring reports are included as part of the six-monthly compliance report is attached herewith.		Date: 15/09/2026
34	Water Quality Monitoring And Preservation	The project proponent shall make efforts to minimise water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.

PPs Submission: Complied It is an iron ore mine lease only limited to iron ore production. Hence, the condition is not applicable. We in the mine lease are taking up measures to minimise water consumption.		Date: 15/09/2026
35	Water Quality Monitoring And Preservation	The project proponent shall practice rainwater harvesting to maximum possible extent.
PPs Submission: Complied Rainwater harvesting is practised to the maximum possible extent through the following measures: (i) Storage in mine pits and settling ponds. Details of major ponds are as follows: Pond 1: 3693 cum Pond 2: 2694 cum Pond 3: 3879 cum Pond 4: 4129.5 cum (ii) Roof-top rainwater harvesting structures with recharging system in the colony premises. (iii) Garland drains and settling ponds directing runoff into collection points for reuse. Collected water is utilized for dust suppression and green belt development.		Date: 15/09/2026
36	Water Quality Monitoring And Preservation	Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.
PPs Submission: Complied Garland drains, retaining walls and settling ponds are provided at the foot of OB dumps and mineral stockpiles to arrest silt and surface run-off. Adequate check dams are constructed across the nallahs. The drains and settling ponds are de-silted on a regular basis, particularly after monsoon. Water collected in the mine pits/settling ponds is utilised for dust suppression using fixed and mobile water sprinklers. Runoff management plan attached herewith.		Date: 15/09/2026
37	Water Quality Monitoring And Preservation	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
PPs Submission: Complied STP of 50 KLD capacity is in operation for treatment of domestic wastewater generated at the operator colony and mining operations site. The treated water meets prescribed standards and is reused for gardening and watering plantations at the operator colony and other areas. STP photograph attached herewith.		Date: 15/09/2026
38	Water Quality Monitoring And Preservation	The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.
PPs Submission: Complied Ground water quality is monitored regularly in quarterly basis through established piezometers and sampling wells at core zone of the mine lease area and buffer zone through NABL accredited laboratory (M/s Visiontek Consultancy Services Pvt. Ltd.). Two piezometers are installed within the lease area for monitoring of groundwater level. Quarterly ground water monitoring reports are submitted to the board. Report is attached herewith.		Date: 15/09/2026
39	Water Quality Monitoring And Preservation	Adhere to Zero Liquid Discharge
PPs Submission: Agreed to Comply Zero Liquid Discharge (ZLD) is maintained. No wastewater is discharged outside the mine lease boundary. All wastewater generated are treated and reused within the mine: (i) ETP treated water is recycled for mining equipment washing; (ii) STP treated water is used for plantation and gardening; (iii) Mine runoff and settling pond water is used for dust suppression and haul road sprinkling; (iv) No process water is generated.		Date: 16/09/2026
40	Water Quality Monitoring And Preservation	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in

		Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
PPs Submission: Complied Not Applicable. No process effluent is generated from iron ore production. The ETP comprises an oil and grease trap, and the treated water is reused for washing of mining equipment.		Date: 16/09/2026
41	Water Quality Monitoring And Preservation	The project proponent shall provide the slime disposal facility with impervious lining and collection wells for seepage. The water collected from the slime pond shall be treated and recycled.
PPs Submission: Agreed to Comply A Slime Disposal Facility with impervious lining and collection wells will be established, if required. At present, there is no requirement for such a facility, as no beneficiation plant has been established and no slime is generated from the existing mining and dry crushing/screening operations.		Date: 16/09/2026
42	Noise Monitoring & Prevention	The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.
PPs Submission: Complied Peak Particle Velocity (PPV) at 500 m distance or within the nearest habitation is monitored periodically as per DGMS guidelines. Monitored PPV values are within the permissible limits.		Date: 16/09/2026
43	Noise Monitoring & Prevention	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 /night hours.
PPs Submission: Complied Illumination and sound are restricted to the core zone only. All high mast lights are oriented towards the core mining zone and away from villages, ensuring no disturbance to nearby habitations. Dense plantation cover along the mine lease boundary acts as an additional protective barrier. Ambient noise levels are monitored at 4 locations in the core zone and 4 locations in the buffer zone. Measured ambient noise levels at residential areas (Kashira Basti and Koira Basti) are within the prescribed limits of 55 dB(A) daytime and 45 dB(A) night-time. Illumination and noise monitoring reports are included as part of the six-monthly compliance report as attached herewith.		Date: 16/09/2026
44	Noise Monitoring & Prevention	The Project Proponent shall take measures for control of noise levels below 85 dBA in the work environment. The workers engaged in operations of HEMM, etc. should be provided with ear plugs/muffs. All personnel including laborers working in dusty areas shall be provided with protective respiratory devices along with adequate training, awareness and information on safety and health aspects. The PP shall be held responsible in case it has been found that workers/ personals/ laborers are working without personal protective equipment.
PPs Submission: Complied Noise monitoring is carried out regularly and noise levels in the work zone area are observed to be below 85 dB(A). Workers are equipped with PPEs in the working zone. PPE set (including helmet, safety shoe, safety jacket, ear muffs and dust mask) has been issued to all personnel including		Date: 16/09/2026

labourers working in dusty and noisy zones. Source noise monitoring at crusher plant, screen plant, ore storage and loading, haul road, dumpers, loaders and excavators is carried out weekly through M/s M/s Visiontek Consultancy Services Pvt. Ltd. (NABL Accredited Laboratory). Noise monitoring reports are included as part of the six-monthly compliance report as attached herewith.			
45	Noise Monitoring & Prevention	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	
PPs Submission: Complied Noise level survey is carried out as per prescribed guidelines through NABL accredited laboratory M/s Visiontek Consultancy Services Pvt. Ltd. Noise monitoring is conducted at 4 buffer zone locations. Source noise monitoring is conducted weekly near major noise sources (crusher plant, screen plant, ore storage and loading, haul road, dumpers, loaders and excavators). Noise monitoring report is submitted to the Regional Office, MoEFCC as part of the six-monthly EC compliance report. Monitoring data attached as attached herewith.			Date: 16/09/2026
46	Noise Monitoring & Prevention	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.	
PPs Submission: Complied Ambient noise levels at all monitoring locations conform to the standards prescribed under E(P)A Rules, 1986, are well within the limit of 75 dB(A) day and 70 dB(A) night. Ambient noise levels are measured at mine boundary locations (East, West, North and South boundaries) and residential areas (Kashira Basti and Koira Basti). Noise monitoring report is submitted to the Regional Office, MoEFCC as part of the six-monthly EC compliance report. Monitoring data attached as attached herewith.			Date: 16/09/2026
47	Mining Plan	The Project Proponent shall adhere to approved mining plan, inter alia, including, total excavation (quantum of mineral, waste, over burden, inter burden and top soil etc.); mining technology; lease area; scope of working (method of mining, overburden and dump management, O.Band dump mining, mineral transportation mode, ultimate depth of mining, concurrent reclamation and reclamation at mine closure; land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life; etc.).	
PPs Submission: Being Complied Mining operations are being carried out as per the approved Mine Plan with the same mining technology, total excavation, mineral and waste production targets, lease area and scope of working (method of mining, OB and dump management, mineral transportation mode and ultimate depth of mining).			Date: 16/09/2026
48	Mining Plan	The land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life shall be governed as per the approved Mining Plan. The excavation vis-a-vis backfilling in the mine lease area and corresponding afforestation to be raised in the reclaimed area shall be governed as per approved mining plan. PP shall ensure the monitoring and management of rehabilitated areas until the vegetation becomes self-sustaining. The compliance status shall be submitted half-yearly to the MoEFCC and its concerned Regional Office.	
PPs Submission: Complied All mining operations are being carried out as per the approved Mine Plan including excavation and backfilling. Backfilling is in progress in line with the approved mining plan. Reclaimed dump areas are stabilised with geotextile mats, plantation (native species), seed broadcasting and vetiver grassing. The afforestation status is submitted with the half yearly EC compliance.			Date: 16/09/2026

49	Energy Preservation Measures	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;
PPs Submission: Complied Solar power generation and solar lighting measures are being implemented at the Narayanposhi Mine project site. Solar powered fencing has been installed, particularly for wildlife management. Solar lighting systems are being installed for common areas, street lights and parking areas around the project. Regular maintenance of solar installations is being carried out.		Date: 16/09/2026
50	Energy Preservation Measures	Provide LED lights in their offices and residential areas.
PPs Submission: Complied LED lights have been provided in the mine offices, control rooms, administrative buildings and the operator colony (residential areas) at the Narayanposhi Mine site. Use of energy-efficient LED lighting across the project premises contributes to reduction in energy consumption. Regular maintenance of the LED lighting systems is being carried out to ensure continued energy savings.		Date: 16/09/2026
51	Land Reclamation	The Overburden (O.B.), waste and topsoil generated during the mining operations shall be stacked at earmarked OB dump site(s) only and it should not be kept active for a long period of time. The physical parameters of the OB / waste dumps / topsoil dump like height, width and angle of slope shall be governed as per the approved Mining Plan and the guidelines/circulars issued by D.G.M.S. The topsoil shall be used for land reclamation and plantation.
PPs Submission: Complied Overburden is stacked only at earmarked OB dump sites. Physical parameters of OB dumps are as follows: Height: 37.3 m, 12.7 m, 33.2 m; Width: 360 m, 145 m, 183 m; Slope: 34 degree, 32 degree, 32.5 degree respectively, maintained as per approved Mining Plan and DGMS guidelines. Inactive sides of the dump sites are stabilized with geotextile mats, plantation of native species, seed broadcasting and vetiver grassing.		Date: 16/09/2026
52	Land Reclamation	Check dams of appropriate size, gradient and length shall be constructed around mine pit and OB dumps to prevent storm run-off and sediment flow into adjoining water bodies. A safety margin of 50percent shall be kept for designing of sump structures over and above peak rainfall (based on 50 years data) and maximum discharge in the mine and its adjoining area which shall also help in providing adequate retention time period thereby allowing proper settling of sediments/ silt material. The sedimentation pits/ sumps shall be constructed at the corners of the garland drains.
PPs Submission: Being Complied Garland drains and retaining walls are provided at the foot of OB dumps. Settling ponds and check dams are constructed with adequate sump capacity designed with appropriate safety margin based on long-term rainfall data to arrest silt and sediment flows from mine operations, OB and mineral dumps. Sedimentation pits are constructed at the corners of garland drains and are de-silted on a regular basis, particularly after monsoon season. Collected water is used for dust suppression and green belt development. The runoff management measures are attached herewith.		Date: 16/09/2026
53	Land Reclamation	The slope of dumps shall be vegetated in scientific manner with suitable native species to maintain the slope stability, prevent erosion and surface run off. The selection of local species regulates local climatic parameters and help in adaptation of plant species to the microclimate. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps. The dump mass should be consolidated with the help of dozer/ compactors thereby ensuring proper filling/ leveling of dump mass. In critical areas, use of geo textiles/ geo-membranes / clay liners / Bentonite etc.

		shall be undertaken for stabilization of the dump.
PPs Submission: Complied Dump sites are protected by providing geotextile mats along with plantation of native species, seed broadcasting and vetiver grassing over the dumps. Dump mass is consolidated with the help of dozers/compactors ensuring proper filling and levelling. Vetiver grass is planted on inactive dumps for slope stabilisation. Slope stability study has been conducted as per DGMS guidelines for dumps exceeding 30 m height. The slope stability report is attached herewith.		Date: 16/09/2026
54	Land Reclamation	Catch drains, settling tanks and siltation ponds of appropriate size shall be constructed around the mine working, mineral yards and Top Soil/OB/Waste dumps to prevent run off of water and flow of sediments directly into the water bodies (Nallah/ River/ Pond etc.). The collected water should be utilized for watering the mine area, roads, green belt development, plantation etc. The drains/ sedimentation sumps etc. shall be de-silted regularly, particularly after monsoon season, and maintained properly.
PPs Submission: Complied Garland drains, retaining walls and siltation ponds of appropriate size are provided at the foot of dumps and around mine workings to arrest silt and prevent sediment flows into water bodies. Check dams are constructed across the Kashira nallah within the mine lease area. Collected water diverted from garland drains and settling ponds is utilised for dust suppression on haul roads, green belt development and plantation. Drains, settling ponds and nallahs are de-silted on a regular basis particularly after monsoon season. The photographs of de-siltation are shown as attachment.		Date: 16/09/2026
55	Waste Management	The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous and Other waste (Management and Transboundary Movement) Rules, 2016.
PPs Submission: Complied Hazardous waste (waste oil, residue containing oil, empty barrels) has been disposed of as per the provisions of Hazardous and Other waste (Management and Transboundary Movement) Rules, 2016. Hazardous waste is disposed of to the authorized recyclers. Annual returns in Form-IV are being submitted to SPCB, Odisha on a regular basis. Hazardous waste storage area is maintained as per regulatory requirements with proper labelling. The last submitted annual returns (Form-IV) is attached herewith.		Date: 16/09/2026
56	Waste Management	Kitchen waste shall be composted or converted to biogas for further use. (to be decided on case to case basis depending on type and size of plant)
PPs Submission: Complied Kitchen/food waste generated at the mine canteen and colony is being converted into compost using a fully automatic organic waste composting machine of 100kg waste capacity per day. Biodegradable garbage is being composted and the compost is used for green belt and plantation development within the mine lease area. Photographs of the bio-composter is attached herewith.		Date: 16/09/2026
57	Statutory Compliance	No Transportation of the minerals shall be allowed in case of roads passing through villages/ habitations. In such cases, PP shall construct a bypass road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village/ rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively

		controlled and water sprinkling will also be done regularly. Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centers. (If applicable in case of road transport).
PPs Submission: Complied No transportation of minerals is allowed through roads passing through villages or habitations. Dispatch is done only through the National Highway (NH). Parking plaza with capacity for 200 trucks has been provided near the NH to reduce traffic congestion. Vacuum road sweeping machine is operational on the mineral transportation road. Water sprinkling is done through 16 KL mobile water sprinkler on the transport route. Vehicular emissions are kept under control through regular PUC checks. All vehicles entering the mine premises are checked for PUC certificate compliance to ascertain emission limits as per pollution norms. Photographs of dust control measures like tarpaulin covered trucks, vacuum road sweeping machine, water sprinkling by 16KL mobile sprinkler and wheel washing system is attached herewith.		Date: 16/09/2026
58	Statutory Compliance	The Main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points, material yards etc. should invariably be provided with dust suppression arrangements. The air pollution control equipments like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at Crushers, belt-conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions.
PPs Submission: Complied Fixed water sprinkling system has been provided on the haul road from view point to metso-2 chowk. Water sprinkling along the haul road is done by two mobile water sprinklers of 50 KL and 16 KL capacity. Dust suppressant chemicals are used along with the mobile sprinklers. Dry fog dust suppression system has been provided at the crusher and screening plant. Wheel washing system is provided at the exit gate for dispatch vehicles exiting the mines and mechanical road sweepers is operated on concrete roads and paved areas. Vacuum sweeping is also done on the National Highway to control fugitive dust. Dispatch vehicles are coved with tarpaulin. Air pollution control equipment like dry fog system is installed at crushers and areas prone to air pollution. Photographs of the fugitive dust emission control measures are attached herewith.		Date: 16/09/2026
59	Greenbelt	Green belt shall be developed in an area equal to 33percent of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.
PPs Submission: Being Complied Being an iron ore mining, green belt / plantation is being developed across the mine lease area in accordance with approved mine plan using native tree species. A total of 4,318 saplings have been planted in FY 2025-26. A total of 26,080 saplings were planted by the end of FY 2024-25, including safety zone plantation, dump plantation, avenue plantation, bench plantation, berm plantation etc., covering approximately a total of approximately 12 Ha. The plantation includes local species such as Gulmohar, Sal, Karanj, Imli and Jamun which help in arresting dust. Greenbelt development covers the periphery of the mine lease and surrounds the active mining area. The photographs of Plantation activities carried out is attached herewith.		Date: 16/09/2026
60	Greenbelt	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.

PPs Submission: Being Complied We are conducting a study relating to GHG emissions including carbon sequestration including plantation. We are also having a group portal for reporting year wise GHG emission inventory.		Date: 16/09/2026
61	Greenbelt	The Project Proponent shall develop greenbelt in 7.5m wide safety zone all along the mine lease boundary as per the guidelines of CPCB in order to arrest pollution emanating from mining operations within the lease. The whole Green belt shall be developed within first 5 years starting from windward side of the active mining area. The development of greenbelt shall be governed as per the EC granted by the Ministry irrespective of the stipulation made in approved mine plan.
PPs Submission: Complied Greenbelt in 7.5m wide safety zone is developed along the mine lease boundary as per the guidelines of CPCB in order to arrest pollution emanating from mining operations. A total of 4,318 saplings have been planted in FY 2025-26. A total of 26,080 saplings were planted by the end of FY 2024-25, including safety zone gap plantation, dump plantation, avenue plantation, bench plantation, berm plantation etc. The photographs of Plantation activities carried out is attached herewith.		Date: 16/09/2026
62	Human Health Environment	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
PPs Submission: Complied Housing arrangement is done for the operators and labours at the operator colony with facilities like canteen, drinking water arrangement, toilets, medical health care facility and a 50KLD STP for operator colony. Photographs of the Operator colony and 50KLD STP are attached herewith.		Date: 16/09/2026
63	Human Health Environment	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
PPs Submission: Being Complied Occupational health surveillance of the workers is done regularly as per mines act. The records are maintained. A copy of the same is attached herewith.		Date: 16/09/2026
64	Human Health Environment	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
PPs Submission: Complied Emergency preparedness plan based on Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan is implemented at the mine. Mock drills are conducted at regular intervals.		Date: 16/09/2026
65	Human Health Environment	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
PPs Submission: Complied Personnel working in dusty and high temperature work areas (welding/cutting activities) are provided with heat resistant aprons, jeans jacket, nose mask, safety glasses and ear plugs along with proper safety training. Appropriate Personal Protective Equipment (PPE) as per the norms of the DGMS is being provided to all the workers engaged in high temperature work zones.		Date: 16/09/2026
66	Human Health Environment	Project Proponent shall make provision for the housing for

		workers/labors or shall construct labor camps within/outside (company owned land) with necessary basic infrastructure/ facilities like fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche for kids etc. The housing may be provided in the form of temporary structures which can be removed after the completion of the project related infrastructure. The domestic waste water should be treated with STP in order to avoid contamination of underground water.
PPs Submission: Complied Housing arrangement is done for the operators and labours at the operators colony with facilities like canteen, drinking water arrangement, toilets, medical health care facility and a 50KLD STP for treatment of domestic wastewater generated from the operators colony. Photographs of the Operator colony and 50KLD STP are attached herewith.		Date: 16/09/2026
67	Corporate Environmental Responsibility	The Project Proponent shall submit the time- bound action plan to the concerned regional office of the Ministry within 6 months from the date of issuance of environmental clearance for undertaking the activities committed during public consultation by the project proponent and as discussed by the EAC, in terms of the provisions of the MoEFandCC Office Memorandum No.22-65/2017-IA.III dated 30 September, 2020. The action plan shall be implemented within three years of commencement of the project.
PPs Submission: Being Complied The time-bound action plan committed during public consultation and as discussed by the EAC is attached herewith attached. Also, the action plan will be implemented within three years of commencement of the project as given in the above-mentioned attachment.		Date: 16/09/2026
68	Corporate Environmental Responsibility	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
PPs Submission: Being Complied Self-environmental audit is conducted on half yearly basis. Third party environmental audit is carried out once in every three years as per the stipulated condition. Both the audits are conducted as per ISO14001.		Date: 16/09/2026
69	Corporate Environmental Responsibility	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Mineral Beneficiation plants shall be implemented.
PPs Submission: Agreed to Comply All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) will be implemented once the Mineral beneficiation plant is established.		Date: 16/09/2026
70	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: Complied Environment Management Cell (EMC) has been established at the mine with qualified environmental personnel under the control of a Senior Executive who directly reports to the Head of the Organization. Environment Management Cell (EMC) structure has been attached herewith.		Date: 16/09/2026
71	Corporate Environmental Responsibility	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.
PPs Submission: Being Complied An expenditure of Rs. 2.69 Cr during the period of April 2025 to March 2026 has been incurred on dust suppression, fixed water sprinkling, online monitoring, water sprinkling on NH, OB Dump management etc. A separate Cost centre is kept for carrying out Environment management measures. Year wise progress of the implementation of the action plan is being reported to the Ministry/Regional Office along with the Six-Monthly EC Compliance Report.		Date: 16/09/2026
72	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 I wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEFandCC as a part of six-monthly report.
PPs Submission: Complied JSW Steel has established comprehensive environmental policies addressing key environmental aspects, including water management, energy conservation, biodiversity, air emissions, climate change and other relevant environmental issues. These policies have been duly approved by the Board of Directors and are implemented across the organization. The climate change policy is attached herewith.		Date: 24/09/2026
73	Miscellaneous	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Honble Supreme Court of India/High Court and any other Court of Law relating to the subject matter.
PPs Submission: Agreed to Comply The mine is being operated in compliance with the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with all amendments and rules made thereunder. All applicable orders of the Honble Supreme Court of India/High Courts are being duly followed.		Date: 17/09/2026
74	Miscellaneous	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
PPs Submission: Complied The mine is strictly adhering to all the stipulations made by the Odisha State Pollution Control Board (OSPCB) and the State Government. Consent to Operate has been obtained from OSPCB vide letter no. 3791/IND-I-CON-2258 dated 23.03.2026 valid up to 31.03.2027 and all CTO conditions are being complied with. The CTO copy is attached herewith.		Date: 17/09/2026
75	Miscellaneous	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
PPs Submission: Complied		Date:

JSW Steel Limited acquired the lease through auction in May 2020. The EC granted to the ex-lessee vide MoEFCC (GoI) letter no. J-11015/288/2008-IA-II(M), dated 18.06.2019 was vested to JSW Steel Limited vide extant rules. At the time of vesting, the project was already in operation at the permitted capacity.		17/09/2026
76	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: Being Complied The time-bound action plan committed during public consultation and as discussed by the EAC is attached herewith. The action plan will be implemented within three years of commencement of the project as given in the above-mentioned attachment.		Date: 17/09/2026
77	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 (MoEFandCC).
PPs Submission: Complied No further expansion or modifications in the plant will be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEFCC). The current mining operations are being carried out within the sanctioned EC capacity of 10 MTPA.		Date: 17/09/2026
78	Miscellaneous	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.
PPs Submission: Complied The status of compliance of the stipulated EC conditions, including results of monitored data (ambient air quality, water quality, noise levels etc.), is being uploaded on the company website and updated on a half-yearly basis as per the requirement.		Date: 17/09/2026
79	Miscellaneous	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.
PPs Submission: Complied Six monthly compliance reports on the status of implementation of stipulated environmental conditions are being submitted on the MoEFCC environment clearance portal.		Date: 17/09/2026
80	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: Agreed to Comply Noted. Agreed to abide by the condition.		Date: 17/09/2026
81	Miscellaneous	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.
PPs Submission: Complied		Date:

A copy of EC has been submitted to Koira Gram Panchayat vide letter No. JSW/S/CO/2026/124, dated 05.03.2026. Copy of the EC was also displayed at the Gram Panchayat office. Photographs of the same is attached herewith.		17/09/2026
82	Miscellaneous	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) 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.
PPs Submission: Complied Criteria pollutant like PM10, SO2, NOx (ambient levels) is being monitored regularly through three Continuous Ambient Air Quality Monitoring Stations (CAAQMS) installed at the mine site. The monitoring data is displayed at the digital display board near Gate No. 2 of the mine for public disclosure and uploaded with half yearly compliance report in the company website.		Date: 17/09/2026
83	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: Complied The environmental statement for each financial year in Form-V is being submitted to the Odisha State Pollution Control Board (OSPCB) as prescribed under the Environment (Protection) Rules, 1986. The Form-V for FY 2024-25 has been submitted to OSPCB vide letter No. JSW/S/CO/2025/429, dated 19.09.2025. The same is uploaded in the company website.		Date: 17/09/2026
84	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 proponents website permanently.
PPs Submission: Complied In accordance with the applicable requirements, the grant of the EC was advertised in two local newspapers, including one newspaper in the Odia vernacular language, within seven days of issuance of the new EC. The details of the newspaper publications are as follows: English Language: Orissa Post: dated 03.03.2026 Odia Language: The Sakala: dated 03.03.2026 The details of the publication is attached herewith. The EC has been published on the company s official website for public access.		Date: 17/09/2026
85	Miscellaneous	The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
PPs Submission: Agreed to Comply The Ministry or any other competent authority may alter/modify the above conditions or stipulate further conditions in the interest of environment protection, and the same will be duly complied with by M/s JSW Steel Limited.		Date: 17/09/2026
86	Miscellaneous	A separate Environmental Management Cell with suitable qualified manpower should be set-up under the control of a Senior Executive. The Senior Executive shall directly report to Head of the Organization. Adequate number of qualified Environmental Scientists and Mining Engineers shall be appointed and submit a report to RO, MoEFandCC.

PPs Submission: Complied Environment Management Cell (EMC) has been established at the mine with qualified environmental personnel under the control of a Senior Executive who directly reports to the Head of the Organization. Adequate number of qualified Environmental personnel have been appointed. Environment Management Cell (EMC) structure has been attached herewith.		Date: 17/09/2026
87	Miscellaneous	Concealing factual data failure to comply with any or submission of false/ fabricated data and of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
PPs Submission: Complied M/s JSW Steel Limited is committed to transparent and accurate reporting of all environmental parameters and EC compliance status. No factual data is being concealed and no false/fabricated data has been submitted. All data submitted to regulatory authorities is based on monitoring conducted by NABL-accredited third-party laboratories.		Date: 17/09/2026
88	Miscellaneous	The Project Proponent shall prepare digital map (land use and land cover) of the entire lease area once in five years purpose of monitoring land use pattern and submit a report to concerned Regional Office of the MoEFandCC.
PPs Submission: Complied Digital Map (land use and land cover) of the entire mine lease area has been prepared and submitted to the Regional Office, MoEFCC.		Date: 24/09/2026
89	Miscellaneous	The Project Proponent shall submit six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the MOEFCC and its concerned Regional Office, Central Pollution Control Board and State Pollution Control Board.
PPs Submission: Being Complied Six monthly compliance reports on the status of implementation of the stipulated environmental safeguards are being submitted to MoEFCC and its concerned Regional Office, Central Pollution Control Board (CPCB) and Odisha State Pollution Control Board (OSPCB).		Date: 17/09/2026
90	Miscellaneous	The Project Authorities should inform to the Regional Office regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
PPs Submission: Complied Since Narayanposhi Iron and Manganese Ore Mines is a brown field project acquired by JSW Steel Limited through auction in May 2020, the project was already in operation at the time of acquisition. The Regional Office, MoEFCC, Bhubaneswar has been informed accordingly. Financial closure and commencement of land development work were carried out by the erstwhile lessee prior to our acquisition.		Date: 17/09/2026
91	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: Agreed to Comply Noted. Agreed to abide by the condition.		Date: 17/09/2026
92	Miscellaneous	The concerned Regional Office of the MoEFandCC shall randomly monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the MoEFandCC

		officer(s) by furnishing the requisite data / information / monitoring reports.
PPs Submission: Agreed to Comply M/s JSW Steel Limited extends full cooperation to MoEFCC officers during random monitoring/inspection visits and furnishes all requisite data/ information/ monitoring reports as required.		Date: 17/09/2026
93	Miscellaneous	In pursuant to Ministry's O.M No 22-34/2018-IA.III dated 16.01.2020 to comply with the direction made by Honble Supreme Court on 8.01.2020 in W.P. (Civil) No 114/2014 in the matter Common Cause vs Union of India, the mining lease holder shall after ceasing mining operations, undertake regrassing the mining area and any other area which may have been disturbed due to other mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.
PPs Submission: Agreed to Comply M/s JSW Steel Limited is committed to comply with the Ministry's O.M. No. 22-34/2018-IA.III dated 16.01.2020 in pursuance of the Hon ble Supreme Court direction dated 08.01.2020 in W.P. (Civil) No. 114/2014 (Common Cause vs Union of India). Upon ceasing of mining operations, the mining area and any other disturbed area shall be regressed and restored to a condition fit for growth of fodder, flora and fauna. Progressive reclamation of mined out areas is being carried out during the active mining phase itself.		Date: 17/09/2026
94	Miscellaneous	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Honble Supreme Court of India/High Court and any other Court of Law relating to the subject matter.
PPs Submission: Agreed to Comply The mine is being operated in compliance with the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with all amendments and rules made thereunder. All applicable orders of the Hon ble Supreme Court of India/High Courts are being duly followed.		Date: 17/09/2026
95	Corporate Environmental Responsibility	The Project Proponent shall submit the time- bound action plan to the concerned regional office of the Ministry within 6 months from the date of issuance of environmental clearance for undertaking the activities committed during public consultation by the project proponent and as discussed by the EAC, in terms of the provisions of the MoEFandCC Office Memorandum No.22-65/2017-IA.III dated 30 September, 2020. The action plan shall be implemented within three years of commencement of the project.
PPs Submission: Complied The activities and budget earmarked for Corporate Environment Responsibility (CER) as per Ministry's O.M. No. 22-65/2017-IA.III dated 30 September, 2020 are being implemented in a time bound manner. A time-bound action plan was submitted to the concerned Regional Office of MoEFCC within 6 months from the date of issuance of environmental clearance, covering all the activities committed during public consultation by the project proponent and as discussed by the EAC. A separate Cost centre is maintained for carrying out Environment Management measures. The action plan will be implemented within three years of commencement of the project as given in the attachment.		Date: 17/09/2026
96	Statutory Compliance	The Environment Clearance (EC) granted to the project/ activity is

		strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.
PPs Submission: Agreed to Comply Noted. Agreed to abide by the condition.		Date: 17/09/2026
97	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: Complied Forest Clearance had been accorded for 244.327 Ha out of the total 257.451 Ha of forest land to the erstwhile lessee. Out of the diverted forest area of 244.327 Ha, an area of 238.201 Ha has been transferred to M/s JSW Steel Ltd. The remaining 19.25 Ha of forest land is yet to be diverted. No mining activities are being undertaken in the undiverted forest land. The FC transfer letter is attached herewith.		Date: 24/09/2026
98	Statutory Compliance	This Environmental clearance is granted subject to final outcome of Honble Supreme Court of India, Honble High Court, Honble NGT and any other Court of Law, if any, as may be applicable to this project.
PPs Submission: Agreed to Comply Noted. Agreed to abide by the condition.		Date: 17/09/2026
99	Statutory Compliance	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
PPs Submission: Complied Not applicable. No National Park/Wildlife Sanctuary is located within 10 km radius of the mine lease area.		Date: 17/09/2026
100	Statutory Compliance	The project proponent shall prepare a Site-Specific Conservation Plan and 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).
PPs Submission: Complied Site-Specific Wildlife Conservation Plan was prepared and approved by the PCCF (Wildlife) and Chief Wildlife Warden, Odisha, vide Letter No. 988/CWLW-FDWC-FD-0126-2021 dated 31.01.2022, with a financial outlay of Rs. 746.173 lakh. Subsequently, the plan was revisited and revised, and the updated Site-Specific Wildlife Conservation Plan was approved by the PCCF (Wildlife) and Chief Wildlife Warden, Odisha, vide Letter No. 4969/CWLW-FDWC-FD-0126-2021 dated 17.06.2026. The SSWLCP is attached herewith.		Date: 24/09/2026
101	Statutory Compliance	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.

PPs Submission: Agreed to Comply Consent to Establish and Operate under the provisions of Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee will be obtained prior to establishment and operation of Beneficiation plant.		Date: 17/09/2026
102	Statutory Compliance	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
PPs Submission: Complied The CGWA NOC has been obtained vide NOC No.: NOC/MIN/OD/2025/18602/R-3/3 dated 29/05/2026 for water withdrawal. The NOC copy is attached herewith. Permission for Additional water requirement for beneficiation will be taken prior to establishment and operation of Beneficiation plant.		Date: 17/09/2026
103	Statutory Compliance	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
PPs Submission: Being Complied Application for renewal of authorization under the Hazardous and Other Waste Management Rules, 2016 is submitted. The approval is under progress.		Date: 17/09/2026
104	Air Quality Monitoring And Preservation	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as 04/06 Nos. Continuous Ambient Air Quality Station (CAAQMS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. (case to case basis small plants: Manual; Large plants: Continuous and their nos.)
PPs Submission: Complied Three nos. of online Continuous Ambient Air Quality Monitoring Stations (CAAQMS) are installed at 120 degree angle as per the scientific study and in consultation with CPCB/SPCB and is operational at the mine site monitoring PM10, PM2.5, SO2, NOx and CO parameters. CAAQMS 1: Near Mines Office (upwind) CAAQMS 2: Near Gate No. 1 (downwind) CAAQMS 3: Near Gate No. 2 (downwind) The CAAQMS data is linked to the SPCB/CPCB server as required. Regular calibration of CAAQMS equipment is being carried out. There will be no stack installed for the beneficiation plant and hence, installation of CEMS is not applicable.		Date: 17/09/2026
105	Air Quality Monitoring And Preservation	The project proponent shall carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120 degree each), covering upwind and downwind directions.
PPs Submission: Complied Three nos. of online Continuous Ambient Air Quality Monitoring Stations (CAAQMS) are installed as per the scientific study and in consultation with CPCB/SPCB and operational at the mine site monitoring PM10, PM2.5, SO2, NOx and CO parameters.		Date: 17/09/2026
106	Air Quality Monitoring And	The project proponent shall monitor fugitive emissions in the plant

	Preservation	premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
PPs Submission: Being Complied Fugitive emissions in the mine lease area are monitored on weekly basis through M/s Visiontek Consultancy Services Pvt. Ltd., a NABL Accredited Laboratory.		Date: 17/09/2026
107	Air Quality Monitoring And Preservation	Sampling facility at process stacks and at quenching towers shall be provided as per CPCB guidelines for manual monitoring of emissions.
PPs Submission: Complied Not Applicable. There will be no process stacks and quenching towers.		Date: 17/09/2026
108	Air Quality Monitoring And Preservation	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
PPs Submission: Agreed to Comply Noted. APC system shall be provided prior to establishment and operation of Beneficiation plant.		Date: 17/09/2026
109	Air Quality Monitoring And Preservation	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories. Monitor fugitive emissions in the plant premises.
PPs Submission: Agreed to Comply Noted. There will be no stack installed for the beneficiation plant and hence, installation of 24x7 continuous emission monitoring system (CEMS) is not applicable. Fugitive emissions in the plant premises will be monitored.		Date: 17/09/2026
110	Air Quality Monitoring And Preservation	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
PPs Submission: Complied Not applicable. No bag house/ filter will be installed.		Date: 17/09/2026
111	Air Quality Monitoring And Preservation	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986. 9) The project proponent shall install system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each). covering upwind and downwind directions.
PPs Submission: Being Complied Fugitive emissions in the mine lease area are monitored on weekly basis through M/s Visiontek Consultancy Services Pvt. Ltd., a NABL Accredited Laboratory. Three nos. of online Continuous		Date: 17/09/2026

Ambient Air Quality Monitoring Stations (CAAQMS) are installed as per the scientific study and in consultation with CPCB/SPCB and operational at the mine site monitoring PM10, PM2.5, SO2, NOx and CO parameters.		
112	Air Quality Monitoring And Preservation	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
PPs Submission: Agreed to Comply Noted. The requirement shall be assessed upon commencement of operations.		Date: 17/09/2026
113	Air Quality Monitoring And Preservation	The project proponent shall install system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each). covering upwind and downwind directions.
PPs Submission: Being Complied Three nos. of online Continuous Ambient Air Quality Monitoring Stations (CAAQMS) are installed as per the scientific study and in consultation with CPCB/SPCB and operational at the mine site monitoring PM10, PM2.5, SO2, NOx and CO parameters.		Date: 17/09/2026
114	Air Quality Monitoring And Preservation	Ensure covered transportation and conveying of raw material to prevent spillage and dust generation; Use closed bulkers for carrying fly ash.
PPs Submission: Agreed to Comply Noted. Upon commencement of operations of the beneficiation plant, raw material will be transported through closed conveyor system to prevent spillage and dust generation.		Date: 17/09/2026
115	Air Quality Monitoring And Preservation	Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/ agglomeration.
PPs Submission: Agreed to Comply Noted. The feasibility of the same shall be assessed upon commencement of operations.		Date: 17/09/2026
116	Air Quality Monitoring And Preservation	The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality/fugitive emissions to Regional Office of MoEF and CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
PPs Submission: Agreed to Comply Noted. The monthly summary report of manual air quality/ fugitive emission monitoring done within the mine is submitted along with the six-monthly EC compliance report. Also, CAAQMS data is linked to the SPCB server. Upon commencement of operations of the beneficiation plant, manual air quality/ fugitive emission monitoring report of the plant area will be submitted with the six-monthly EC compliance report.		Date: 17/09/2026
117	Air Quality Monitoring And Preservation	The project proponent use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.
PPs Submission: Agreed to Comply Noted. There will be no use of trucks/dumpers. Upon commencement of operations of the beneficiation plant, raw material will be transported through closed conveyor system to prevent		Date: 17/09/2026

spillage and dust generation.		
118	Air Quality Monitoring And Preservation	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
PPs Submission: Agreed to Comply Noted. APC system shall be provided prior to establishment and operation of Beneficiation plant.		Date: 17/09/2026
119	Air Quality Monitoring And Preservation	The project proponent shall provide primary and secondary fume extraction system at all heat treatment furnaces.
PPs Submission: Complied Not Applicable. There will be no heat treatment furnaces.		Date: 17/09/2026
120	Air Quality Monitoring And Preservation	The project proponent use leak proof trucks/dumpers carrying ore and other raw materials and cover them with tarpaulin.
PPs Submission: Agreed to Comply Noted. There will be no use of trucks/dumpers. Upon commencement of operations of the beneficiation plant, raw material will be transported through closed conveyor system to prevent spillage and dust generation.		Date: 17/09/2026
121	Air Quality Monitoring And Preservation	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.
PPs Submission: Complied Not Applicable. There will be no stockpiles for beneficiation plant.		Date: 17/09/2026
122	Air Quality Monitoring And Preservation	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.
PPs Submission: Complied Not Applicable. There will be no stockpiles for beneficiation plant.		Date: 17/09/2026
123	Air Quality Monitoring And Preservation	Design the ventilation system for adequate air changes as per ACGIH document for all tunnels, motor houses, Oil Cellars.
PPs Submission: Agreed to Comply Noted. Agreed to abide by condition wherever applicable.		Date: 17/09/2026
124	Air Quality Monitoring And Preservation	Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.
PPs Submission: Agreed to Comply Noted. Agreed to abide by condition wherever applicable.		Date: 17/09/2026
125	Air Quality Monitoring And Preservation	Pollution control system in the plant shall be provided as per the CREP Guidelines of CPCB.
PPs Submission: Agreed to Comply Pollution control system in the plant shall be provided as per the CREP Guidelines of CPCB upon commencement of operations.		Date: 17/09/2026

126	Air Quality Monitoring And Preservation	The project proponent shall adopt the Clean Air practices like mechanical collectors, wet scrubbers, fabric filters (bag houses), electrostatic precipitators, combustion systems (thermal oxidizers), condensers, absorbers, adsorbers, and biological degradation. Controlling emissions related to transportation shall include emission controls on vehicles as well as use of cleaner fuels. Sufficient numbers of additional truck mounted Fog/Mist water cannons shall be procured and operated regularly inside the project premises and also in the surrounding villages to arrest suspended dust in the atmosphere.
PPs Submission: Agreed to Comply Noted. Clean Air practices shall be implemented prior to the establishment and commencement of operation of the Beneficiation Plant. During the construction phase of the Beneficiation Plant, only vehicles with valid and compliant Pollution Under Control Certificates (PUCC) shall be permitted to operate at the project site. Mobile water sprinklers shall be deployed along the transportation roads to control dust emissions. Additionally, truck-mounted fog/mist water cannons shall be deployed, as required, to suppress and arrest suspended particulate matter and minimize fugitive dust emissions in the surrounding atmosphere.		Date: 17/09/2026
127	Air Quality Monitoring And Preservation	Bag filters shall be cleaned regularly and efficiency of bag filter system shall be monitored at regular intervals.
PPs Submission: Complied Not Applicable. There will be no provision of bag filter system.		Date: 17/09/2026
128	Air Quality Monitoring And Preservation	Water Sprinklers/Water mist system shall be installed near raw material yards, operational units and other strategic locations to control fugitive emissions from the plant.
PPs Submission: Complied Water sprinklers/water mist system is/shall be provided to control fugitive emissions in the mines.		Date: 17/09/2026
129	Air Quality Monitoring And Preservation	The particulate matter emissions from the process stacks shall be less than 30 mg/Nm ³ and measures shall be undertaken as per the submitted action plan. Efficient Air monitoring equipment shall be installed.
PPs Submission: Complied Not Applicable. There will be no process stack for the beneficiation plant.		Date: 17/09/2026
130	Air Quality Monitoring And Preservation	Following additional arrangements to control fugitive dust shall be provided: a. Fog / Mist Sprinklers at all on bulk raw material storage area (at the transfer points) like Iron Ore, Coal and for Fly Ash and similar solid waste storage areas. b. Proper covered vehicle shall be used while transport of materials. c. Wheel washing mechanism shall be provided in entry and exit gates with complete recirculation system.
PPs Submission: Being Complied Water sprinklers with capacities of 50 KL and 16 KL are currently in operation. Fixed sprinkler systems have also been installed along the major operational haul roads for effective dust suppression. Ore transportation trucks are covered with tarpaulins to prevent fugitive dust emissions and spillage during transportation. Wheel-washing systems with complete water recirculation facilities have been provided at the entry and exit gates to prevent the carryover of mud and dust onto public roads.		Date: 17/09/2026
131	Water Quality Monitoring And Preservation	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in

		Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
PPs Submission: Agreed to Comply Installation of a 24x7 continuous effluent monitoring system shall be undertaken, as applicable, prior to the establishment and commencement of operation of the Beneficiation Plant. The system shall be connected to the online monitoring servers of the SPCB and CPCB for real-time transmission of monitoring data.		Date: 19/09/2026
132	Water Quality Monitoring And Preservation	The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.
PPs Submission: Being Complied Ground water quality is monitored regularly in quarterly basis through established piezometers and sampling wells at core zone of the mine lease area and buffer zone through NABL accredited laboratory (M/s Visiontek Consultancy Services Pvt. Ltd.). Two piezometers are installed within the lease area for monitoring of groundwater level. Quarterly ground water monitoring reports are submitted to the board. Report is attached herewith.		Date: 19/09/2026
133	Water Quality Monitoring And Preservation	The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEFandCC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
PPs Submission: Being Complied The monthly summary report of manual effluent testing and manual monitoring of ground water quality done within the mine is submitted along with the six-monthly EC compliance report. Upon commencement of operations of the beneficiation plant, monthly summary reports of continuous effluent monitoring (if any) and results of manual effluent testing and manual monitoring of ground water quality monitoring report of the plant area will be submitted with the six-monthly EC compliance report.		Date: 19/09/2026
134	Water Quality Monitoring And Preservation	The project proponent shall provide the slime disposal facility with impervious lining and collection wells for seepage. The water collected from the slime pond shall be treated and recycled.
PPs Submission: Agreed to Comply The slime disposal facility, comprising an impervious lining and collection wells, shall be provided prior to the commencement of operation of the Beneficiation Plant. The water collected from the slime pond shall be adequately treated and recycled/reused within the plant to minimize freshwater consumption and prevent discharge to the environment.		Date: 19/09/2026
135	Water Quality Monitoring And Preservation	Adhere to 'Zero Liquid Discharge'
PPs Submission: Agreed to Comply Zero Liquid Discharge will be adhered to.		Date: 19/09/2026
136	Water Quality Monitoring And Preservation	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
PPs Submission: Complied		Date:

STP of 50 KLD capacity is in operation for treatment of domestic wastewater. The treated water meets prescribed standards and is reused for gardening and watering of plantations at the operator colony and other areas. STP photograph is attached herewith.		19/09/2026
137	Water Quality Monitoring And Preservation	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
PPs Submission: Agreed to Comply Installation of a 24x7 continuous effluent monitoring system shall be undertaken, as applicable, prior to the establishment and commencement of operation of the Beneficiation Plant. The system shall be connected to the online monitoring servers of the SPCB and CPCB for real-time transmission of monitoring data.		Date: 19/09/2026
138	Water Quality Monitoring And Preservation	Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.
PPs Submission: Being Complied Garland drains, retaining walls and settling ponds are provided at the foot of OB dumps and mineral stockpiles to arrest silt and surface run-off. Adequate check dams are constructed across the nallahs. The drains and settling ponds are de-silted on a regular basis, particularly after monsoon. Water collected in the mine pits/settling ponds is utilised for dust suppression using fixed and mobile water sprinklers. Runoff management plan is attached herewith.		Date: 19/09/2026
139	Water Quality Monitoring And Preservation	The project proponent shall monitor regularly ground water quality at least twice a year (pre- and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
PPs Submission: Being Complied Ground water quality is monitored regularly in quarterly basis through established piezometers and sampling wells at core zone of the mine lease area and buffer zone through NABL accredited laboratory (M/s Visiontek Consultancy Services Pvt. Ltd.). Two piezometers are installed within the lease area for monitoring of groundwater level. Quarterly ground water monitoring reports are submitted to the board. Report is attached herewith.		Date: 19/09/2026
140	Water Quality Monitoring And Preservation	The project proponent shall practice rainwater harvesting to maximum possible extent.
PPs Submission: Being Complied Rainwater harvesting is practised to the maximum possible extent through the following measures: (i) Storage in mine pits and settling ponds. Details of major ponds are as follows: Pond 1: 3693 cum Pond 2: 2694 cum Pond 3: 3879 cum Pond 4: 4129.5 cum (ii) Roof-top rainwater harvesting structures with recharging system in the colony premises. (iii) Garland drains and settling ponds directing runoff into collection points for reuse. Collected water is utilized for dust suppression and green belt development.		Date: 19/09/2026
141	Water Quality Monitoring And Preservation	The project proponent shall make efforts to minimise water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.
PPs Submission: Being Complied Water consumption is minimised through multiple measures as follows: (i) ETP treated water is		Date: 19/09/2026

		recirculated for mining equipment washing. (ii) STP treated water (50 KLD capacity) is reused for plantation and gardening at operator colony. (iii) Rainwater collected in settling pits is reused for dust suppression and haul road sprinkling. (iv) Chemical suppressants and pressurized sprinklers are used to minimize total water requirement. (v) Wheel washing system with complete recirculation. (vi) Drip irrigation system is used on dump plantations.	
142	Water Quality Monitoring And Preservation	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.	
PPs Submission: Complied STP of 50 KLD capacity is in operation for treatment of domestic wastewater. The treated water meets prescribed standards and is reused for gardening and watering of plantations at the operator colony and other areas. STP photograph is attached herewith.			Date: 19/09/2026
143	Water Quality Monitoring And Preservation	Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.	
PPs Submission: Being Complied Garland drains, retaining walls and settling ponds are provided at the foot of OB dumps and mineral stockpiles to arrest silt and surface run-off. Adequate check dams are constructed across the nallahs. The drains and settling ponds are de-silted on a regular basis, particularly after monsoon. Water collected in the mine pits/settling ponds is utilised for dust suppression using fixed and mobile water sprinklers. Runoff management plan is attached herewith.			Date: 19/09/2026
144	Water Quality Monitoring And Preservation	Tyre washing facilities shall be provided at the entrance of the plant gates.	
PPs Submission: Complied Wheel washing system with complete recirculation is provided at the entry/exit gate of the mine.			Date: 19/09/2026
145	Water Quality Monitoring And Preservation	Water meters shall be provided at the inlet to all unit processes in the steel plants.	
PPs Submission: Complied It is an iron ore mine. Hence the clause for steel plant is not applicable.			Date: 19/09/2026
146	Water Quality Monitoring And Preservation	The project proponent shall make efforts to minimise water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.	
PPs Submission: Complied It is an iron ore mine. Hence the clause for steel plant is not applicable.			Date: 19/09/2026
147	Water Quality Monitoring And Preservation	The proposed project shall be designed as Zero Liquid Discharge Plant. ETP shall be installed and there shall be no discharge of effluent from the plant. Domestic effluent shall be treated in Sewage Treatment Plant. Suitable measures shall be adopted for sewage water handling to ensure no contamination of any kind of water body.	
PPs Submission: Being Complied The proposed project is designed as a Zero Liquid Discharge (ZLD) plant. No separate Effluent Treatment Plant (ETP) is proposed for the beneficiation plant. An existing ETP comprising an oil and grease trap is already available within the mine premises for the management of wastewater generated. A 50 KLD Sewage Treatment Plant (STP) is in operation for the treatment of domestic wastewater. The treated sewage meets the prescribed standards and is completely reused within the mine premises for gardening and watering of plantations. No treated or untreated wastewater is			Date: 19/09/2026

		discharged outside the mine premises.	
148	Water Quality Monitoring And Preservation	All stockyards shall have impervious flooring and shall be equipped with water spray system for dust suppression. Stock yards shall also have garland drains and catch pits to trap the run off material and shall be implemented as per the action plan submitted in EIA/EMP report.	
PPs Submission: Agreed to Comply Noted. Stockyards, if provided, shall be equipped with impervious flooring, garland drains, and catch pits to collect and contain runoff and prevent the escape of suspended material. The stockyards shall also be provided with a water spray system for effective dust suppression upon commencement of operations of the beneficiation plant.			Date: 19/09/2026
149	Water Quality Monitoring And Preservation	Rain water harvesting shall be implemented to recharge/harvest water as per the action plan submitted in the EIA/EMP report.	
PPs Submission: Complied Rainwater harvesting is practised to the maximum possible extent through the following measures: (i) Storage in mine pits and settling ponds. Details of major ponds are as follows: Pond 1: 3693 cum Pond 2: 2694 cum Pond 3: 3879 cum Pond 4: 4129.5 cum (ii) Roof-top rainwater harvesting structures with recharging system in the colony premises; (iii) Garland drains and settling ponds directing runoff into collection points for reuse. Collected water is utilized for dust suppression and green belt development.			Date: 19/09/2026
150	Noise Monitoring & Prevention	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	
PPs Submission: Being Complied Noise level survey is carried out as per prescribed guidelines through NABL accredited laboratory M/s Visiontek Consultancy Services Pvt. Ltd. Noise monitoring is conducted at 4 buffer zone locations. Source noise monitoring is conducted weekly near major noise sources (crusher plant, screen plant, ore storage and loading, haul road, dumpers, loaders and excavators). Noise monitoring report is submitted to the Regional Office, MoEFCC as part of the six-monthly EC compliance report. Monitoring data is attached herewith.			Date: 19/09/2026
151	Noise Monitoring & Prevention	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.	
PPs Submission: Being Complied Ambient noise levels at all monitoring locations conform to the standards prescribed under E(P)A Rules, 1986, are well within the limit of 75 dB(A) day and 70 dB(A) night. Ambient noise levels are measured at mine boundary locations (East, West, North and South boundaries) and residential areas (Kashira Basti and Koira Basti). Noise monitoring report is submitted to the Regional Office, MoEFCC as part of the six-monthly EC compliance report. Monitoring data is attached herewith.			Date: 19/09/2026
152	Noise Monitoring & Prevention	Noise pollution shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and amendments thereof, and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	
PPs Submission: Being Complied Ambient noise levels are measured at mine boundary locations (East, West, North and South boundaries) and residential areas (Kashira Basti and Koira Basti). Noise monitoring report is submitted to the Regional Office, MoEFCC as part of the six-monthly EC compliance report. Monitoring data is attached herewith.			Date: 19/09/2026
153	Noise Monitoring & Prevention	The ambient noise levels should conform to the standards	

		prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
PPs Submission: Being Complied Ambient noise levels at all monitoring locations conform to the standards prescribed under E(P)A Rules, 1986, are well within the limit of 75 dB(A) day and 70 dB(A) night. Ambient noise levels are measured at mine boundary locations (East, West, North and South boundaries) and residential areas (Kashira Basti and Koira Basti). Noise monitoring report is submitted to the Regional Office, MoEFCC as part of the six-monthly EC compliance report. Monitoring data is attached herewith.		Date: 19/09/2026
154	Energy Preservation Measures	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;
PPs Submission: Being Complied Solar power and solar lighting measures are being implemented at the Narayanposhi Mine. Solar plant of 50kW capacity is installed for common areas, street lights and parking areas around the mines office. An additional 800kW solar plant is proposed to be established. The photograph of the existing solar plant is herewith attached.		Date: 19/09/2026
155	Energy Preservation Measures	Provide LED lights in their offices and residential areas.
PPs Submission: Complied All offices, residential colonies, and associated facilities within the mine premises are illuminated using energy-efficient LED lighting systems.		Date: 19/09/2026
156	Energy Preservation Measures	Use torpedo ladle for hot metal transfer as far as possible. If ladles not used, provide covers for open top ladles.
PPs Submission: Complied It is an iron ore mine. Hence, this clause is not applicable.		Date: 19/09/2026
157	Energy Preservation Measures	Restrict Gas flaring to less than 1percent.
PPs Submission: Complied It is an iron ore mine. Hence, this clause is not applicable.		Date: 19/09/2026
158	Energy Preservation Measures	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;
PPs Submission: Being Complied Solar power and solar lighting measures are being implemented at the Narayanposhi Mine. Solar plant of 50kW capacity is installed for common areas, street lights and parking areas around the mines office. An additional 800kW solar plant is proposed to be established. The photograph of the existing solar plant is herewith attached.		Date: 19/09/2026
159	Energy Preservation Measures	Provide LED lights in their offices and residential areas.
PPs Submission: Complied All offices, residential colonies, and associated facilities within the mine premises are illuminated using energy-efficient LED lighting systems.		Date: 19/09/2026
160	Waste Management	The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous and Other waste (Management and Transboundary Movement) Rules, 2016.

PPs Submission: Complied Hazardous waste (waste oil, residue containing oil, empty barrels) has been disposed of as per the provisions of Hazardous and Other waste (Management and Transboundary Movement) Rules, 2016. The last submitted annual returns (Form-IV) is attached herewith.		Date: 19/09/2026
161	Waste Management	Kitchen waste shall be composted or converted to biogas for further use.(to be decided on case to case basis depending on type and size of plant)
PPs Submission: Being Complied Kitchen and food waste generated from the mine canteen and colony is being processed into compost using a fully automatic organic waste composting machine with a processing capacity of 100 kg/day. The compost generated is utilized for green belt development and plantation activities within the mine lease area. Photographs of the bio-composter is attached herewith.		Date: 19/09/2026
162	Waste Management	Oil Collection pits shall be provided in oil cellars to collect and reuse/recycle spilled oil. Oil collection trays shall be provided under coils on saddles in cold rolled coil storage area.
PPs Submission: Being Complied Oil collection pits and spill containment arrangements have been provided in the used oil storage area to collect and contain any accidental oil spills. The collected oil is recovered and sent for appropriate reuse/recycling through authorized practices. The provision related to oil collection trays under coils in the cold rolled coil storage area is not applicable to the mine.		Date: 19/09/2026
163	Waste Management	Kitchen waste shall be composted or converted to biogas for further use.
PPs Submission: Being Complied Kitchen and food waste generated from the mine canteen and colony is being processed into compost using a fully automatic organic waste composting machine with a processing capacity of 100 kg/day. The compost generated is utilized for green belt development and plantation activities within the mine lease area. Photographs of the bio-composter is attached herewith.		Date: 19/09/2026
164	Waste Management	Used refractories shall be recycled as far as possible.
PPs Submission: Complied It is an iron ore mine. Hence, this clause is not applicable.		Date: 19/09/2026
165	Waste Management	100percent utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministrys Regional Office.
PPs Submission: Complied It is an iron ore mine. Hence, this clause is not applicable.		Date: 19/09/2026
166	Waste Management	The Plastic Waste Management Rules 2016, inter-alia, mandated banning of identified Single Use Plastic (SUP) items with effect from 01/07/2022. In this regard, CPCB has issued a direction to all the State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs) on 30/06/2022 to ensure the compliance of Notification published by Ministry on 12/08/2021. The technical guidelines issued by the CPCB in this regard is available at https://cpcb.nic.in/technical-guidelines-3/ . All the project proponents are hereby requested to sensitize and create awareness among people working within the Project area as well as its surrounding area on the ban of SUP in order to ensure the compliance of Notification published by this Ministry on 12/08/2021. A report, along with

		photographs, on the measures taken shall also be included in the six monthly compliance report being submitted by the project proponents.
PPs Submission: Complied The provisions of the Plastic Waste Management Rules, 2016, as amended from time to time, have been complied with. No plastic is used in the mining process and no plastic waste is generated from the core mining operations. The mine has adopted measures to avoid the use of single-use plastic items within the mine premises. Accordingly, no plastic waste requiring collection, segregation, storage or disposal was generated during the reporting period.		Date: 24/09/2026
167	Waste Management	A proper action plan must be implemented to dispose of the electronic waste generated in the industry.
PPs Submission: Being Complied Proper action plan is in place for disposal of generated electronic waste in the mine. The E-waste annual return submitted for the period of April-2025 to March-2026 is herewith attached herewith.		Date: 19/09/2026
168	Waste Management	Solid waste utilization: a. PP shall install a slag crusher to convert steel slag into aggregate for use in construction industry, fine sand for use as flux in steel plant, sand in brick making and as lime in cement making. b. PP shall recycle/reuse solid waste generated in the plant as far as possible. c. Used refractories shall be recycled as far as possible.
PPs Submission: Complied It is an iron ore mine. Hence, this clause is not applicable.		Date: 19/09/2026
169	Greenbelt	Green belt shall be developed in an area equal to 33percent of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant
PPs Submission: Being Complied It is an iron ore mine. The greenbelt/plantation is developed according to the approved mine plan by IBM. A total of 4318 saplings are planted in the FY 2025-26. A total of 30398 saplings has been planted till date, which included safety zone plantation, dump plantation, nearby NH plantation etc.		Date: 19/09/2026
170	Greenbelt	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.
PPs Submission: Being Complied We are conducting a study relating to GHG emissions including carbon sequestration including plantation. We are also having a group portal for reporting year wise GHG emission inventory.		Date: 19/09/2026
171	Water Quality Monitoring And Preservation	Tailing management plan shall be implemented as included in EIA report.
PPs Submission: Agreed to Comply Noted. Upon commencement of operations of the beneficiation plant, tailing management plan will be implemented as included in EIA report.		Date: 19/09/2026
172	Water Quality Monitoring And Preservation	Tailings from Iron Ore beneficiation plant shall be dewatered in filter press and no slime /tailing pond shall be permitted.
PPs Submission: Agreed to Comply Noted. There is no proposal for a separate slime/tailings pond. The tailings generated from the proposed beneficiation plant will be subjected to filter-press dewatering to produce a dry filter cake.		Date: 19/09/2026

The filter-press cake will be disposed of in the designated external dumps along with the mine waste.		
173	Public Hearing	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
PPs Submission: Agreed to Comply Noted. Emergency preparedness at the mine is implemented based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan (DMP). The same emergency preparedness measures will be extended to the proposed beneficiation plant upon commencement of its construction and operation.		Date: 19/09/2026
174	Public Hearing	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
PPs Submission: Complied Personnel working in dusty and high temperature work areas (welding/cutting activities) are provided with heat resistant aprons, jeans jacket, nose mask, safety glasses and ear plugs along with proper safety training. Appropriate Personal Protective Equipment (PPE) as per the norms of the DGMS is being provided to all the workers engaged in high temperature work zones.		Date: 19/09/2026
175	Public Hearing	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
PPs Submission: Complied Housing arrangement is done for the operators and labours at the operator colony with facilities like canteen, drinking water arrangement, toilets, medical health care facility and a 50KLD STP for operator colony. Photographs of the Operator colony and 50KLD STP are attached herewith.		Date: 19/09/2026
176	Public Hearing	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
PPs Submission: Being Complied Occupational health surveillance of the workers is done regularly as per mines act. The records are maintained. A copy of the same is attached herewith.		Date: 19/09/2026
177	Public Hearing	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
PPs Submission: Complied Emergency preparedness plan based on Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan is implemented at the mine. Mock drills are conducted at regular intervals.		Date: 19/09/2026
178	Public Hearing	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms.
PPs Submission: Complied Personnel working in dusty and high temperature work areas (welding/cutting activities) are provided with heat resistant aprons, jeans jacket, nose mask, safety glasses and ear plugs along with proper safety training. Appropriate Personal Protective Equipment (PPE) as per the norms of the		Date: 19/09/2026

DGMS is being provided to all the workers engaged in high temperature work zones.		
179	Public Hearing	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP. Safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
PPs Submission: Complied Housing arrangement is done for the operators and labours at the operator colony with facilities like canteen, drinking water arrangement, toilets, medical health care facility and a 50KLD STP for operator colony. Photographs of the Operator colony and 50KLD STP are attached herewith.		Date: 19/09/2026
180	Public Hearing	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.
PPs Submission: Being Complied Occupational health surveillance is conducted regularly for all workers, and records are maintained. A sample Form-O, report of medical examination is attached herewith.		Date: 19/09/2026
181	Public Hearing	All the commitments made towards socio-economic development of the nearby villages shall be satisfactorily implemented. The action plan based on the social impact assessment study of the project as per the EMP in accordance to the Ministry's OM dated 30.09.2020 shall be strictly implemented and progress shall be submitted to the Regional Office of MoEFandCC. PP shall adopt nearby villages and prepare and implement a robust plan to develop them into model villages in next 10 years.
PPs Submission: Being Complied The time-bound action plan committed during public consultation and as discussed by the EAC is attached herewith. The action plan will be implemented within three years of commencement of the project as given in the above-mentioned attachment. The possibility of adopting and developing nearby villages as model villages shall be explored over the next 10 years.		Date: 19/09/2026
182	Corporate Environmental Responsibility	The Project Proponent shall submit the time-bound action plan to the concerned regional office of the Ministry within 6 months from the date of issuance of environmental clearance for undertaking the activities committed during public consultation by the project proponent and as discussed by the EAC, in terms of the provisions of the MoEFandCC Office Memorandum No.22-65/2017-IA.III dated 30 September, 2020. The action plan shall be implemented within three years of commencement of the project.
PPs Submission: Being Complied The time-bound action plan committed during public consultation and as discussed by the EAC is attached herewith. The action plan will be implemented within three years of commencement of the project as given in the above-mentioned attachment.		Date: 19/09/2026
183	Corporate Environmental Responsibility	The company shall have a well laid down environmental policy duly approved 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 I wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEFandCC as a part of six-monthly report.

PPs Submission: Complied JSW Steel has established comprehensive environmental policies addressing key environmental aspects, including water management, energy conservation, biodiversity, air emissions, climate change and other relevant environmental issues. These policies have been duly approved by the Board of Directors and are implemented across the organization. The climate change policy is attached herewith.		Date: 24/09/2026
184	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: Complied Environment Management Cell (EMC) has been established at the mine with qualified environmental personnel under the control of a Senior Executive who directly reports to the Head of the Organization. Environment Management Cell (EMC) structure has been attached herewith.		Date: 19/09/2026
185	Corporate Environmental Responsibility	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.
PPs Submission: Being Complied An expenditure of Rs. 2.69 Cr during the period of April 2025 to March 2026 has been incurred on dust suppression, fixed water sprinkling, online monitoring, water sprinkling on NH, OB Dump management etc. A separate Cost centre is kept for carrying out Environment management measures. Year wise progress of the implementation of the action plan is being reported to the Ministry/Regional Office along with the Six-Monthly EC Compliance Report.		Date: 19/09/2026
186	Corporate Environmental Responsibility	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
PPs Submission: Being Complied Self-environmental audit is conducted on half yearly basis. Third party environmental audit is carried out once in every three years as per the stipulated condition. Both the audits are conducted as per ISO14001.		Date: 19/09/2026
187	Corporate Environmental Responsibility	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Mineral Beneficiation plants shall be implemented.
PPs Submission: Agreed to Comply All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) will be implemented once the Mineral beneficiation plant is established.		Date: 19/09/2026
188	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 In accordance with the applicable requirements, the grant of the EC was advertised in two local		Date: 19/09/2026

		newspapers, including one newspaper in the Odia vernacular language, within seven days of issuance of the new EC. The details of the newspaper publications are as follows: English Language: Orissa Post: dated 03.03.2026 Odia Language: The Sakala: dated 03.03.2026 The details of the publication is attached herewith. The EC has been published on the company s official website for public access.	
189	Miscellaneous	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.	
PPs Submission: Complied A copy of EC has been submitted to Koira Gram Panchayat vide letter No. JSW/S/CO/2026/124, dated 05.03.2026. Copy of the EC was also displayed at the Gram Panchayat office. Photographs of the same is attached herewith.			Date: 19/09/2026
190	Miscellaneous	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.	
PPs Submission: Being Complied The status of compliance of the stipulated EC conditions, including results of monitored data (ambient air quality, water quality, noise levels etc.), is being uploaded on the company website and updated on a half-yearly basis as per the requirement.			Date: 19/09/2026
191	Miscellaneous	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) 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.	
PPs Submission: Being Complied Criteria pollutant like PM10, SO2, NOx (ambient levels) are being monitored regularly through three Continuous Ambient Air Quality Monitoring Stations (CAAQMS) installed at the mine site. The monitoring data is displayed at the digital display board near Gate No. 2 of the mine for public disclosure. The monitored data along with half yearly EC compliance report is uploaded on the website of the company.			Date: 19/09/2026
192	Miscellaneous	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.	
PPs Submission: Being Complied Six monthly compliance reports on the status of implementation of stipulated environmental conditions are being submitted on the MoEFCC environment clearance portal.			Date: 19/09/2026
193	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: Being Complied The environmental statement for each financial year in Form-V is being submitted to the Odisha State Pollution Control Board (OSPCB) as prescribed under the Environment (Protection) Rules, 1986. The Form-V for FY 2024-25 has been submitted to OSPCB vide letter No.			Date: 19/09/2026

JSW/S/CO/2025/429, dated 19.09.2025. The same is uploaded in the company website.		
194	Miscellaneous	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
PPs Submission: Complied JSW Steel Limited acquired the lease through auction in May 2020. The EC granted to the ex-lessee vide MoEFCC (GoI) letter no. J-11015/288/2008-IA-II(M), dated 18.06.2019 was vested to JSW Steel Limited vide extant rules. At the time of vesting, the project was already in operation at the permitted capacity.		Date: 19/09/2026
195	Miscellaneous	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
PPs Submission: Agreed to Comply Noted. Agreed to abide by the condition.		Date: 19/09/2026
196	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: Being Complied The time-bound action plan committed during public consultation and as discussed by the EAC is attached herewith. The action plan will be implemented within three years of commencement of the project as given in the above-mentioned attachment.		Date: 19/09/2026
197	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 (MoEFandCC).
PPs Submission: Agreed to Comply Noted. Agreed to abide by the condition.		Date: 19/09/2026
198	Miscellaneous	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Honble Supreme Court of India/High Court and any other Court of Law relating to the subject matter.
PPs Submission: Agreed to Comply Noted. Agreed to abide by the condition.		Date: 19/09/2026
199	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: Agreed to Comply Noted. Agreed to abide by the condition.		Date: 19/09/2026
200	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 proponents website permanently.
PPs Submission: Complied In accordance with the applicable requirements, the grant of the EC was advertised in two local newspapers, including one newspaper in the Odia vernacular language, within seven days of issuance of the new EC. The details of the newspaper publications are as follows: English Language: Orissa Post: dated 03.03.2026 Odia Language: The Sakala: dated 03.03.2026 The details of the publication is attached herewith. The EC has been published on the company s official website for public access.		Date: 19/09/2026
201	Miscellaneous	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.
PPs Submission: Complied A copy of EC has been submitted to Koira Gram Panchayat vide letter No. JSW/S/CO/2026/124, dated 05.03.2026. Copy of the EC was also displayed at the Gram Panchayat office. Photographs of the same is attached herewith.		Date: 23/09/2026
202	Miscellaneous	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.
PPs Submission: Being Complied The status of compliance of the stipulated EC conditions, including results of monitored data (ambient air quality, water quality, noise levels etc.), is being uploaded on the company website and updated on a half-yearly basis as per the requirement.		Date: 23/09/2026
203	Miscellaneous	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) 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.
PPs Submission: Being Complied Criteria pollutant like PM10, SO2, NOx (ambient levels) are being monitored regularly through three Continuous Ambient Air Quality Monitoring Stations (CAAQMS) installed at the mine site. The monitoring data is displayed at the digital display board near Gate No. 2 of the mine for public disclosure. The monitored data along with half yearly EC compliance report is uploaded on the website of the company.		Date: 23/09/2026
204	Miscellaneous	Action plan for developing connecting and internal road in terms of MSA as per IRC guidelines shall be implemented
PPs Submission: Agreed to Comply Noted. Agreed to abide by the condition as applicable.		Date: 23/09/2026
205	Miscellaneous	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.

PPs Submission: Being Complied Six monthly compliance reports on the status of implementation of stipulated environmental conditions are being submitted on the MoEFCC environment clearance portal.		Date: 23/09/2026
206	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: Being Complied The environmental statement for each financial year in Form-V is being submitted to the Odisha State Pollution Control Board (OSPCB) as prescribed under the Environment (Protection) Rules, 1986. The Form-V for FY 2024-25 has been submitted to OSPCB vide letter No. JSW/S/CO/2025/429, dated 19.09.2025. The same is uploaded in the company website.		Date: 23/09/2026
207	Miscellaneous	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
PPs Submission: Complied JSW Steel Limited acquired the lease through auction in May 2020. The EC granted to the ex-lessee vide MoEFCC (GoI) letter no. J-11015/288/2008-IA-II(M), dated 18.06.2019 was vested to JSW Steel Limited vide extant rules. At the time of vesting, the project was already in operation at the permitted capacity.		Date: 23/09/2026
208	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: Being Complied The time-bound action plan committed during public consultation and as discussed by the EAC is attached herewith. The action plan will be implemented within three years of commencement of the project as given in the above-mentioned attachment.		Date: 23/09/2026
209	Miscellaneous	The recommendations of the approved Site-Specific Wildlife Management Plan (in case of involvement of Schedule-I species) shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report to the concerned Regional Office of the MoEFandCC.
PPs Submission: Complied The earmarked amount towards the implementation of the Site-Specific Wildlife Management Plan has been deposited, and the implementation of the activities falling under our scope has been completed.		Date: 24/09/2026
210	Miscellaneous	The PP shall put all the environment related expenditure, expenditure related to Action Plan on the PH issues, and other commitments made in the EIA/EMP Report etc. in the company web site for the information to public/public domain. The PP shall also put the information on the left over funds allocated to EMP and PH as committed in the earlier ECs and shall be carried out and spent in next three years, in the company web site for the information to public/public domain.
PPs Submission: Being Complied		Date:

The time-bound action plan committed during public consultation and as discussed by the EAC is attached herewith. The action plan will be implemented within three years of commencement of the project as given in the above-mentioned attachment.		23/09/2026
211	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 (MoEFandCC).
PPs Submission: Agreed to Comply Noted. Agreed to abide by the condition.		Date: 23/09/2026
212	Miscellaneous	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.
PPs Submission: Agreed to Comply Noted. Agreed to abide by the condition.		Date: 23/09/2026
213	Miscellaneous	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
PPs Submission: Agreed to Comply Noted. Agreed to abide by the condition.		Date: 23/09/2026
214	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 to Comply Noted. Agreed to abide by the condition.		Date: 23/09/2026
215	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 to Comply M/s JSW Steel Limited extends full cooperation to officers during random monitoring/inspection visits and furnishes all requisite data/ information/ monitoring reports as required.		Date: 23/09/2026
216	Miscellaneous	Any appeal against this EC 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: Agreed to Comply Noted. Agreed to abide by the condition.		Date: 23/09/2026
217	Greenbelt	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration by trees.
PPs Submission: Being Complied We are conducting a study relating to GHG emissions including carbon sequestration including plantation. We are also having a group portal for reporting year wise GHG emission inventory.		Date: 23/09/2026
218	Greenbelt	Project proponent shall submit a study report on Decarbonisation

		program, which would essentially consist of companys carbon emissions, carbon budgeting/ balancing, carbon sequestration activities and carbon capture, use and storage and offsetting strategies. Further, the report shall also contain time bound action plan to reduce its carbon intensity of its operations and supply chains, energy transition pathway from fossil fuels to Renewable energy etc. All these activities/ assessments should be measurable and monitor able with defined time frames.
PPs Submission: Being Complied We are conducting a comprehensive study on Greenhouse Gas (GHG) emissions and carbon sequestration, covering the Company s carbon emissions, carbon budgeting/ balancing, carbon sequestration activities and carbon capture, use and storage and offsetting strategies. The study will also include a time-bound action plan for reducing carbon intensity across various operations. A group-level portal is also in place for the year-wise reporting, compilation, and monitoring of the Company s GHG emission inventory.		Date: 23/09/2026
219	Greenbelt	Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.
PPs Submission: Agreed to Comply Noted. Agreed to abide by the condition wherever feasible.		Date: 23/09/2026
220	Statutory Compliance	The project proponent shall comply with the provisions contained in this Ministrys OM vide F.No. 22-65/2017-IA.III dated 30/09/2020. As part of Corporate Environment Responsibility (CER) activity, company shall adopt nearby villages based on the socio-economic survey and undertake community developmental activities in consultation with the village Panchayat and the District Administration as committed.
PPs Submission: Being Complied The time-bound action plan committed during public consultation and as discussed by the EAC is attached herewith. The action plan will be implemented within three years of commencement of the project as given in the above-mentioned attachment. The possibility of adopting and developing nearby villages as model villages shall be explored.		Date: 23/09/2026
221	Statutory Compliance	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 MoEFandCC as a part of six-monthly report.
PPs Submission: Complied JSW Steel has established comprehensive environmental policies addressing key environmental aspects, including water management, energy conservation, biodiversity, air emissions, climate change and other relevant environmental issues. These policies have been duly approved by the Board of Directors and are implemented across the organization. The climate change policy is attached herewith.		Date: 24/09/2026
222	Statutory Compliance	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 Environment Management Cell (EMC) has been established at the mine with qualified environmental personnel under the control of a Senior Executive who directly reports to the Head of the Organization. Environment Management Cell (EMC) structure has been attached herewith.		Date: 23/09/2026
223	Statutory Compliance	Performance test shall be conducted on all pollution control systems every year and report shall be submitted to Integrated Regional Office of the MoEFandCC.
PPs Submission: Complied The installed pollution control systems, including water sprinkling arrangements, ETPs and STPs, are regularly operated and maintained to ensure effective pollution control. Periodic performance evaluation through environmental monitoring is carried out to verify compliance with the prescribed standards. The monitoring reports are submitted to the Integrated Regional Office of MoEFCC as part of the statutory compliance reporting.		Date: 23/09/2026
224	Miscellaneous	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Honble Supreme Court of India/High Court and any other Court of Law relating to the subject matter.
PPs Submission: Agreed to Comply Noted. Agreed to abide by the condition.		Date: 23/09/2026
225	Miscellaneous	RandD studies towards utilization of low-grade iron ore should be conducted through research/academic institutes like IMMT, Bhubaneswar, NML, Jamshedpur, and concerned metallurgical departments in IITs, NITs etc., targeting full utilization of low-grade iron ore (Fe content upto 45percent by 2020 and upto 40percent by 2025). In fact, life cycle assessment of whole process including environmental considerations should be done for techno-economic and environmental viability. RandD studies on utilization of mine wastewater having high concentration of Fe content for different commercial applications in industries such as cosmetics, pharmaceutical, paint industry should also be explored. Responsibility: IBM, Dept. of Steel and Mines, Individual Mine Lease Holders.
PPs Submission: Being Complied Report on washing and de-sliming of iron ore fines was prepared by IMMT Bhubaneswar for Narayanposhi Mines. Life Cycle Assessment (LCA) study considering techno-economic and environmental aspects has been taken up through IIT Delhi and the study is under progress. JSW has not set up beneficiation plant at Narayanposhi mines. All low-grade ores are being transported to JSW steel plant (Bhushan Power and Steel Limited), where beneficiation plant is established and beneficiation is being carried out. As per the mining process no wastewater is generated and discharged outside the lease, hence commercial application in other industries is not feasible.		Date: 23/09/2026
226	Water Quality Monitoring And Preservation	The Project Proponent shall undertake regular monitoring of natural water course/ water resources/ springs and perennial nallahs existing/ flowing in and around the mine lease including upstream and downstream. Sufficient number of gullies shall be provided at appropriate places within the lease for management of water. The parameters to be monitored shall include their water quality vis-a-vis suitability for usage as per CPCB criteria and flow rate. It shall be ensured that no obstruction and/ or alteration be made to water bodies during mining operations without justification and prior approval of

		MoEFCC. The monitoring of water courses/ bodies existing in lease area shall be carried out four times in a year viz. pre- monsoon (April May), monsoon (August), post-monsoon (November) and winter (January) and the record of monitored data may be sent regularly to Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board. Clearly showing the trend analysis on six-monthly basis.
PPs Submission: Complied The flow rate and water quality analysis (upstream and downstream) of surface water sources like Karo river and nallahs flowing in and around the mines are carried out on monthly basis and records are maintained. Our proposed mining activities have been planned in such a manner that the existing natural nallahs shall remain undisturbed, and mining operations at any stage will not obstruct or alter the natural flow of the nallahs within or around the lease area. Six-monthly Environmental Monitoring Report is submitted along with half yearly EC compliance and the same is already attached.		Date: 24/09/2026
Visit Remarks		
Last Site Visit Report Date:		N/A
Additional Remarks:		The expansion project of 6 to 10 MTPA Iron Ore Production is not implemented yet.
Note: This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's reference purpose.		