

**Environmental Audit Report**

**Masaurha sand ghat**

**Village- Masaurha, P.S+Anchal- Paliganj, District- Patna. of Area 24.8 Ha.**

**ENVIRONMENTAL AUDIT REPORT  
OF  
MASAURHA SAND GHAT OF PATNA DISTRICT  
ON SON RIVER**



**FOR  
BIHAR STATE MINING CORPORATION LIMITED  
(GOVT. OF BIHAR UNDERTAKING)**

**(DATE OF AUDIT – 07.02.2022)**

**Prepared by**



**OCEAO-ENVIRO Management Solutions (India) Pvt. Ltd.**

**QCI – NABET Certificate No: *NABET/EIA/2124/RA 0217***

**217, 1<sup>st</sup> Floor, Sector 12, Vasundhara, Ghaziabad, U.P. 201012**

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## **Environmental Audit Report**

**Masaurha sand ghat**

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### **PREFACE**

An environmental audit is a snapshot in time, in which one assesses site performance in complying with applicable environmental laws and regulations. Though a helpful benchmark, the audit almost immediately becomes outdated unless there is some mechanism in place to continue the effort of monitoring environmental compliance. This is very first environmental audit of mining lease towards environmental protection and environmental awareness at local and global front. Audit criterion is as follows:

- Environmental cognizance
- Waste minimization and management
- Biodiversity conservation
- Water conservation
- Energy conservation and
- Environmental legislative compliance by the campus.

A questionnaire is used during audit. This audit report contains observations and recommendations for improvement of environmental consciousness.

<b>Environmental Auditor</b>	Oceao-Enviro Management Solutions (India) Pvt. Ltd.
<b>Client</b>	Bihar State Mining Corporation Ltd. (Govt. of Bihar Undertaking) Address – Room No. 164, Vikas Bhawan (New Secretariat), bailey Rd. Patna – 800015
<b>Report Compiled By</b>	OCEAO-ENVIRO Management Solutions (India) Pvt. Ltd. 217, 1 <sup>st</sup> Floor, Sector 12, Vasundhara, Ghaziabad, U.P. 201012
<b>Audit Date</b>	07 Feb 2022
<b>Final Report</b>	23 Feb 2022

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### **1. INTRODUCTION**

Environmental audit is a general term that reflects various kinds of evaluations intended to identify environmental compliance and management system, implementation gaps, along with related corrective actions. It aims to analyze environmental practices within and outside of the concerned sites, which will have an impact on the eco friendly ambience. Environment audit is a useful tool to determine how and where the most natural resources are being used; and can then considerations be given on how to implement changes and make savings. It can also be used to determine the type and volume of waste, which can be used for a recycling project or to improve waste minimization plan. It can create health consciousness and promote environmental awareness, values and ethics.

### **2. NEED FOR ENVIRONMENTAL AUDIT**

As environmental sustainability is becoming an increasingly important issue for the nation, the role of industry persons in relation to environmental sustainability is more prevalent. The rapid urbanization and economic development at local, regional and global level has led to several environmental and ecological crises. On this background, it becomes imperative to adopt the system of the sustainable development.

**The benefits of environmental audit are:**

- A. Determines how well the process systems and pollution control systems are performing, and identifies the operations of poor performance.
- B. Increases awareness of environmental requirements, policies and responsibilities.
- C. Helps in understanding the technical capabilities and attitude of the environmental organization in a Company.
- D. Provides up-to-date environmental data base for use in plant modification, emergencies etc.
- E. Unravels surprises and hidden liabilities due to which regulatory risk and exposure to litigation can be reduced.

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- F. Helps to safeguard environment and assists in complying with local, regional and national laws and regulations, with the Company's policy and with the environmental standards.

### **3. ENVIRONMENTAL AUDIT OF SAND MINING**

Sand has become a very important mineral for the expansion of society. Sand is a naturally occurring granular material composed of finely divided rock and mineral particles. River sand is one of the world's most plentiful resources (perhaps as much as 20 per cent of the Earth's crust is sand) and has the ability to replenish itself. River sand is vital for human wellbeing and for sustenance of rivers. Sand has become a very important mineral for our society due to its many uses. The role of sand is very vital with regard to the protection of the environment. On an average, people 'use' over 200kg of sand per person per year.

Sand Mining is an activity referring to the process of the actual removal of sand from the foreshore including rivers, streams and lakes. Sand is mined from beaches and inland dunes and dredged from ocean beds and river beds. Individuals and private companies demanding sand for construction purposes and this has placed resources. It is a practice that is becoming an environmental issue as the demand for sand increases in industries.

Sand Mining in India is adversely affecting the rivers, sea, forests & environment. Illegal mining of sand and the lack of governance, in a big way, is causing land degradation and threatening its rivers with extinction. Mining of sand, for instance, is depleting the waters of the rivers. Weak governance and rampant corruption uncontrolled and illegal mining of sand and gravel in the unregulated activity is posing threats of widespread depletion of water resources especially groundwater which may lead to unavoidable water scarcity, food shortages and hardships for the people.

Environmental auditing of sand mining leases helps to evaluate the processes and environmental effects of sand mining in a river or a portion of a river after a specific period of sand mining. This exercise has to be undertaken to know how far the mining process and its execution in a river or part of a river has helped to minimize the negative effects of sand mining on one side and maximize the positive effects on the other.

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#### **4. AUDIT OBJECTIVES**

- A. Establishing a baseline of existing environmental conditions with focus on natural and physical environment.
- B. Sustainable use of natural resource from the rivers.
- C. Understanding the current practices of sustainability with regard to themining activity, generation of wastes, transportation, etc.
- D. Mining companies maintain adequate control system to minimize environment damage impacts.
- E. Awareness generation among sand ghat owners and working personals to concerning real issues of environment and its sustainability.
- F. Promotion of environmental awareness through participatory auditing process

#### **5. ABOUT THE MINING LEASE (MASAURHASAND GHAT)**

The Masaurha sand ghat at Village- Masaurha, P.S+Anchal- Paliganj, District- Patna. of Area 24.8 Hectares on Son River in Patna district. Initially this lease has been allotted to **M/s Broad-Son Commodities Pvt. Ltd.** by the state mining department.

Environmental Clearance (EC) has been granted for this sand ghat on dated 22.04.2020 by State Environment Impact Assessment Authority (SEIAA) Bihar. Later EC has been transferred to **Bihar State Mining Corporation Limited (BSMCL)** via letter no. 151 dated 30/09/2021 by State Environment Impact Assessment Authority (SEIAA) Bihar.

BSMCL has appointed M/s Sahabad Construction LLP, (Pareo, Bihta, Patna, Bihar, Pin 802160) as a contractor for execution of work and comply all the conditions mentioned in EC letter issued by SEIAA, Bihar and Consent to Operate (CTO) letter issued by Bihar State Pollution Control Board. At present M/s Sahabad Construction LLP (contractor) is fully responsible for complying all the conditions mention in EC letter and CTO.

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**M/s OCEAO-ENVIRO Management Solutions (India) Pvt. Ltd.** having its corporate office at 217, 1<sup>st</sup> Floor, Sector 12, Vasundhara, Ghaziabad, U.P. 201012 has been appointed as Auditor for the project Mahabalipur Sand Ghat by Bihar State Mining Corporation Limited.

This audit was conducted by a team of **OCEAO-ENVIRO Management Solutions (India) Pvt. Ltd.** This audit report has been prepared with reasonable skill, care and due diligence and information shared by officials of the project proponent & other stakeholders.

## **6. METHODOLOGY**

The purpose of the audit was to ensure that the practices followed related to the mining lease are in accordance with the Environment Policies and related guidelines issued by concerned departments.

An environmental audit has three phases - pre-audit stage, audit stage and post-audit stage, accordingly the environmental audit was conducted.

### **A. PRE-AUDIT STAGE**

Pre-audit stage involved the identification of target areas for environmental auditing.

Accordingly following target areas were identified:

- a. Land Use System
- b. Air Pollution
- c. Noise and Vibration Pollution
- d. Site services
- e. Health & Safety practices
- f. Green belt development area
- g. Waste disposal and management
- h. Environmental Awareness
- i. Mitigation and Management practices
- j. Transportation Route Analysis along with LOS
- k. Course of River
- l. Change in Local Water Balance
- m. Impact on Hydrology and Ground Water Quality
- n. Potential Accident occurrence
- o. Impact on Fisheries

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- p. Impact on Local Habitat
- q. Impact on nearby ecological environment
- r. Impact on Irrigation Canals Protection Carter/ Buns
- s. Impact on Soil Fertility
- t. Impact on surface water due to mining operation
- u. Regulation of Mining Operation as per sustainable sand mining guidelines
- v. Analysis of Monitoring and Surveillance Infrastructure

## B. AUDIT STAGE

**a. Collection of Data, Observation and Interaction:** This stage of the Audit involved the activities relating to collection of data, observation, interactions and discussion with the concerned stakeholders i.e., lease owner, personal working at the site and the persons associated with site services. A mixture of open ended and closed ended questionnaires were developed and used for data collection. Meetings with specific stakeholders of different target groups identified in the pre-audit stage were conducted for getting the desired information. Drone survey has been conducted to find out the actual situation of the site and same has been attached with this report.

**b. Review of Previous Records and Policies:** This was carried out in order to understand the various initiatives taken by the lease owner towards sustainable environmental conservation and amelioration. For the purpose, office registers, visitor's book, purchase registers, office communications were also examined.

**c. Inspection of Project Site:** The audit team visited the entire lease area, offices and its premises in order to have an idea of various activities carried. Nearby greenery area and gaps were identified.

**d. The Stakeholders:** The stakeholders included were Lease owner, site manager, workers, concerned departments and the personals related to site services. Questionnaires were prepared for getting information and accordingly meeting with concerned stakeholders were conducted. Data on water and energy use was collected from maintenance department.

## C. POST AUDIT STAGE

The Post-Audit Stage includes the production of the final report, prepare action plan to overcome the flaws and to keep a watch on the action plan.

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S. No.	Conditions	Observation	Compliance/ Non- Compliance	Action to be taken	Remarks
<b>Environment Clearance Specific and General conditions audit</b>					
1.	It shall be ensured that there shall be no mining beyond 03 m or up to water Level whichever is less further meaning thereby that no mining activity in ruining stagnant water in the river in the issue of Sand Mining. The Distance from the bank of the river shall be as per the Bihar Minor Mineral and concession Rule (2014) and amendment thereof	<b>Mining</b> depth is limited up to 03 meter only. Safety distance has been left from the both the banks of the river as per BMMCR (2014) & as per MOEFCC guidelines.	Complied	Nil	--
2.	The Project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.	The provision of mines act is being followed strictly.	Complied	Nil	--
3.	The project proponent shall prepare the plan of mining in conformity with the mine lease conditions and the	Mining work is being performed as per the approved mine plan. Safety distances from both the river bank	Complied	Nil	--

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	Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e., the distance from the bank or river to be left un-worked (Non mining area)	as well as from the main channel has been left as no mining zone.			
4.	The project proponent shall undertake adequate safeguard measures during, extraction of river bed material and ensure that due to this activity the hydro- geological regime of the surrounding shall not be affected.	Condition is being complied.	Complied	Nil	--
5.	The project proponent will provide protective respiratory devices to workers working industry area and they shall also be provided with adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.	Protective respiratory devices such as nasal masks are being provided among working peoples. Other protective measures like hand gloves and boots are being provided to the workers.	Not Complied completely	It was suggested to proponent that they have to conduct regular health check up and conduction of training.	--

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6.	Solid waste material viz, plastic bags. glasses etc. to be generated during, project activity will be separately stored in bins and managed as per Solid Waste Management rules.	No other solid waste are being generated at the site. Little amount of solid waste like packets, pouches and food residues are being generated. Separate bins have been provided near the mining site to collect above mentioned wastes.	Complied	Nil	--
7.	Natural /customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.	Condition is being followed strictly.	Complied	Nil	--
8.	PP shall maintain minimum distance from Reserved / Protected Forests as stipulated in applicable guidelines.	No RF & PF is present nearby the site	Complied	Nil	--
9.	The project proponent should implement suitable conservation measures to augment ground water resources in the area in consultation with the Ground Water Directorate, Government of BiharCentral Ground Water Board.	Condition is being followed	Complied	Nil	--
10.	Effective safeguard measures should be	Regular water sprinkling is being	Complied	Nil	--

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	taken to control fugitive emissions so as to ensure that RSPM (PM10 and PM 2.5) levels are within prescribed limits.	done to control fugitive emissions.			
11.	Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained.	Condition is not being followed	Not complied	It was suggested by the audit team to conduct the periodical medical examination of the workers and keep it in record.	
12.	The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna as prescribed the Wildlife (protection) Act. 1972.	No any endangered fauna has been recorded in the nearby site. If found precautionary measures will be taken care as per wildlife (protection) act 1972.	NA	NA	--
13.	The project proponent shall obtain Consent to establish and Consent to Operate from the Bihar State Pollution Control Board, Patna and effectively implement all the conditions stipulated therein.	Condition has been complied	Complied	Nil	--
14.	No river sand mining be allowed in rainy season	Condition is being complied	Complied	Nil	--

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	(July, August, and September).				
15.	To submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity /Production levels shall be decreased /stopped accordingly till the replenishment is completed.	Condition is being complied	Complied	Nil	--
16.	In river flood plain mining, a buffer of 3 meter be left from the river bank for mining.	Buffer of more than 3 meters have been left from the river banks.	Complied	Nil	--
17.	In mining from agricultural field, a buffer of 3 meter be left from the adjacent field.	Condition is being complied	Complied	Nil	--
18.	Mining shall be done in layers of 1 m depth to avoid ponding effect and after first layer is excavated, the process will be repeated for the next layers.	Condition is being complied	Complied	Nil	--
19.	No stream should be diverted for the purpose of sand mining. No natural Water courses And/ or water resources are obstructed due to	Condition is being complied	Complied	Nil	--

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	mining operations.				
20.	No labour camp be allowed in riverbed.	Condition is being complied	Complied	Nil	--
21.	Mining should begin only after pucca pillar marking the boundary of lease area is erected at the cost of the lease holder after certification by the mining official and its geo coordinates are made available to the SEIAA, Bihar.	Condition has been complied, photographs are attached as Annexure.	Complied	Nil	--
22.	Lease shall keep a correct account of quantity of mineral mined out, dispatched from the mine. mode of transport, registration number of vehicle, person in Cargo of\ vehicle and mine plan. This should be produced before officers of Central Government and State for inspection.	Condition is being complied	Complied	Nil	--
23.	Noise arising out of mining and processing shall be abated and controlled at source to keep within permissible Unit.	Condition is being complied	Complied	Nil	--
24.	The pollution due to transportation load on the environment will be effectively controlled & water sprinkling will also	Regular water sprinkling is being done on the transportation route and mined material is being	Complied	Nil	--

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	be done regularly.	covered during transportation to control dust emission. Site			
25.	Air Pollution due to dust, exhaust emission or fumes during mining and processing phase should be controlled and kept in permissible limits specified under environmental laws.	Condition is being complied	Complied	Nil	--
26.	The mineral transportation shall be carried out through covered trucks only and the Vehicles carrying the mineral shall not be overloaded. Wheel washing facility should be installed and used,	Condition is being complied, photographs regarding this is attached as Annexures.	Complied	Nil	--
27.	Restoration of Flora affected by mining should be done immediately. Twice the number of trees destroyed by mining be planted preferably of indigenous species.	No any trees has been destroyed due to mining activity. No any flora are also affected due to mining because the mining activity is being done on dry part of river bed.	Complied	Nil	--
28.	No mining lease shall be granted in the forest area without forest clearance in accordance with the	Mining lease is not falling in forest area as per forest conservation act 1980 and rules	Complied	Nil	--

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	provisions of the Forest Conservation Act, 1980 and the rules made there under.	made under this.			
29.	Attempt should be there to restrict activities to cause minimum surface soil disturbance.	No surface soil will be affected because the mining area is river bed and proper safety distances has been maintained from the surface soil area.	Complied	Nil	--
30.	Adequate steps to check soil erosion and control debris flow etc. by constructing engineering structures should be ensured.	Safety distances has been maintained from the both the river banks to avoid soil erosion.	Complied	Nil	--
31.	Site clearance and tidiness shall be maintained.	Condition is being complied.	Complied	Nil	--
32.	The proponent shall take all possible precautions for the protection of environment and control of pollution	Condition is being complied.	Complied	Nil	--
33.	Junction at take-off point of approach road with main road be properly developed with proper width and geometry required for safe movement of traffic by lease holder at his own cost.	Condition is being followed.	Complied	Nil	--
34.	Health and safety of workers should be	Condition is being complied.	Complied	Nil	--

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	taken care of.				
35.	Project Proponent shall appoint an Occupational Health Specialist for Regular and Periodical medical examination of the workers engaged in the Project and records maintained; also, Occupational health check-ups for workers having some ailments like BP, diabetes, habitual smokers, etc. shall be undertaken once in SLX months and necessary remedial/preventive measure taken accordingly. Recommendations of National Institute for Labour for ensuring good occupational environment for mine workers shall be adopted.	Condition is not being complied	Non complied	It was suggested to the proponent to appoint occupational Health Specialist as soon as possible	--
36.	The Distance from N.H. Railway Line, Reservoir, Bridge shall be adopted as per Bihar Minor Mineral and concession Rule (2014) and amendment thereof.	Condition is being complied.	Complied	Nil	--
37.	The proponent shall not conduct sand mining where mining, can cause		Complied	Nil	--

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	danger to site of Flood protection works, places of cultural religious, historical, and archeological importance.	Condition is being complied.			
38.	Vehicles only with fitness and PUC Certificates should be used.	Condition is being complied.	Complied	Nil	--
39.	Project Proponent shall ensure that the road may not be damaged due to transportation of the mineral will be as per IRC Guidelines with respect to complying with traffic congestion density.	Condition is not being complied properly	Non complied	It was suggested to proponent to work on this condition strictly	--
40.	No stacking of sand is allowed on road side along national highways	Condition is being complied.	Complied	Nil	--
41.	The PP shall make arrangement for drinking Water, first aid facility.	Condition is being complied.	Complied	Nil	--
42.	Adequate steps should be taken to check soil erosion and control debris flow etc. by constructing engineering structures.	Condition is being complied.	Complied	Nil	--
43.	Proponent will provide adequate sanitary facility in the form of <i>mobile</i> toilets to the labours engaged for <i>the</i> project work.	Condition is being complied.	Complied	Nil	--
44.	Use of <i>effective</i>		Complied	Nil	--

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	sprinkler system to Suppress fugitive dust on haul roads and other transport roads shall be ensured; and washing of all transport vehicles should be done inside the mining lease.	Condition is being complied.			
45.	The Proposed route for transportation should not pass-through private land. But in case it passes permission from private land owner obtained.	Condition is being complied.	Complied	Nil	--
<b>Consent To Establish conditions audit</b>					
1.	The proponent shall obtain 'Consent-to-Operate' under sections 21 of the Air Act, 1981 prior to commissioning of the plant from Bihar State Pollution Control Board.	Condition has been complied.	Complied	Nil	--
2.	The unit shall install D.G. Set(s) with integral acoustic enclosure as per the norms of the Board, so that, it shall conform Ambient Noise Level as prescribed by the Board. Accordingly submit ANL report to the Board just after commissioning of the plant.	No DG set has been installed within the lease area	NA	NA	--
3.	Maximum depth of		Complied	Nil	--

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	sand quarrying in the river bed shall not exceed 3 meters measured from the un-mined bed level at any point of time or the water table whichever is less.	Condition is being complied.			
4.	Mining shall not be undertaken in a mining lease area located within 300 meters on both sides of any railway bridge, or any bridge falling under in any National Highways or State Highways and shall be prohibited within 100 meters of both sides of any other bridge(s).	Condition is being complied.	Complied	Nil	--
5.	No sand quarrying shall be permitted within 50 meters from any public places, i.e., cremation ghat, or any religious place etc.	Condition is being complied.	Complied	Nil	--
6.	No quarrying shall be permitted within 5 meters from both banks of the river.	Condition is being complied.	Complied	Nil	--
7.	Quarrying of sand shall be prohibited within 100 meters up-stream and down-stream from any dam/weir or any such similar structures.	Condition is being complied.	Complied	Nil	--
8.	No quarrying shall		Complied	Nil	--

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	be permitted within 46 meters distance from flood control embankments. The quarrying shall be restricted up to a depth of 1.8 meters within 46 meters to 61 meters distance from the said embankment and shall further restricted up to a depth of 2.4 meters within 61 meters to 91 meters distance from the above said embankment.	Condition is being complied.			
9.	Extraction of sand shall be permitted only after obtaining No-Objection Certificate from the Water Resources department in case of the rivers where from Irrigation channels are out flowing. Washing of vehicles shall be done only inside the mining area.	Condition is being complied.	Complied	Nil	--
10.	Mining shall be carried out between 6:00AM to 7:00PM.	Condition is being complied.	Complied	Nil	--
11.	Mining shall not be carried out during rainy season (i.e., June to September).	Condition is being complied.	Complied	Nil	--
12.	Carrying of minerals shall be done in completely covered vehicles both underneath and over	Condition is being complied.	Complied	Nil	--

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	the heap.				
13.	Water spraying mechanism to control dust pollution have to be purchased and (a) proof of purchase & (b) Photographs have to be attached.	Condition is being complied.	Complied	Nil	--
14.	Carrying of minerals shall be done through a fixed route and the same shall be attached with the application.	Condition is being complied.	Complied	Nil	--
15.	Proof of plantation at least 500 trees of a least 4 feet height on river-side / road-side with proper protection shall be submitted along with the application for CTO	Condition has been complied by previous client, care of plantation is being done by present proponent	NA	NA	--
16.	Details of JCB/Poclain excavator fitted with GPS instrument shall be submitted along with its registration number [(a) Proof of Purchase & (b) Photographs have to be attached.]	Condition is not being complied	Non complied	It was suggested to proponent to comply this condition	--
17.	Details of water tank with sprayer shall be provided with GPS along with its registration number. [(a) Proof of Purchase & (b) Photographs have to be submitted.]	Condition is not being complied	Non complied	It was suggested to proponent to comply this condition	--

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18.	Proof of purchase of Earmuff/protective gear 50 in numbers has to be submitted with its [(a) [(a) Proof of Purchase & (b)].	Earmuff/protective gear have been purchased.	Complied	Nil	--
19.	Proof of Android-based phone/CCTV (Closed Circuit Television) / PC (personal Computer) / internet connection /power backup/ barcode/ QR code reader, scanner, check point/post has been procured/installed like [(a) Proof of Purchase & (b) Photographs.	Condition is not being complied	Non complied	It was suggested to proponent to comply this condition	--
20.	The unit shall have a display board near the site stating name of unit/Industry with /Name of proprietor with address and ref memo no and date of consent with its validity period granted by the Board.	Condition has been complied, photographs is attached as annexure.	Complied	Nil	--

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### **8. CONCLUSION**

This audit involved extensive consultation with all the persons working with or directly or indirectly associated with the mining activity, interactions with key personnel on wide range of issues related to Environmental aspects. The audit has identified several environmental friendly observations. The recommendations are also mentioned with some observations such as plantation, training conduction, occupational health officer appointment, repairing of haul roads and regarding CER activities . The audit team certify that the overall site is maintained well from environmental perspective. The proponent has assured to follow the compliance suggested by the audit team.

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### **9. DECLARATION OF THE AUDITOR:-**

- We Oceao-Enviro Management Solutions (India) Pvt. Ltd. worked as the independent environmental practitioner in this Audit.
- We further declare that: - We act as the independent environmental consultant.
- We declare that there are no circumstances that may compromise my objectivity in performing such work.
- We have expertise in conducting environmental audits, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity.
- We will comply with the Act, Regulations and all other applicable legislation, policies and guidelines.
- Based on information provided to us by the project proponent, and in addition to information obtained during the course of this audit, will present the results and conclusion within the associated document to the best of my professional judgment.

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(Drone Surveillance Photographs)

### Masaurha Sand Ghat, Dist-Patna

Created on February 23, 2022

Captured on February 07, 2022

DroneDeploy



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### (Display Board)



### (Transportation with covered vehicles)



**Environmental Audit Report**

**Masaurha sand ghat**

**Village- Masaurha, P.S+Anchal- Paliganj, District- Patna. of Area 24.8 Ha.**

**(Water sprinkling facilities)**



## Environmental Audit Report

Masaurha sand ghat

Village- Masaurha, P.S+Anchal- Paliganj, District- Patna. of Area 24.8 Ha.

### (Boundry Pillar)

