ENVIRONMENTAL AUDIT REPORT OF

NEPA SAND GHAT OF GAYA DISTRICT ON MORHAR RIVER



FOR

Bihar State Mining Corporation Limited (Govt. Of Bihar Undertaking)

Date of Audit - 11.02.2022

Prepared By:



COGNIZANCE RESEARCH INDIA PRIVATE LTD.

(Accredited by QCI/NABET, Govt. of India)

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Report Code	CRIPL/BSG/2022/10			
Project	Nepa Sand Ghat at Morhar River			
	Mauza- Nepa ghat, At- Nepa, P.o-Fatehpu			
	Dist Gaya, Khata No299, Khasra No			
	466, Area- 6.0 Ha.			
Client	Bihar State Mining Corporation Ltd.			
	(Govt. of Bihar Undertaking)			
	Address- Room No. 164, Vikas Bhawan			
	(New Secretariat), Bailey Rd. Patna- 800015.			
Consultant	Cognizance Research India Pvt. Ltd.			
	G-20, Sector – 117, Noida – 201301.			
Audit Date	11 Feb 2022			
Final Report	23.02.2022			

Index

S.no	Topic	Page no
1.	Declaration of the Auditor	4
2.	Audit Objectives	5
3.	Scope of Work as Per the Work Order of BSMCL	6
4.	Project Details	7
5.	Google Image	8
6.	Audit Checklist as per the Scope ofwork for The Project	9-22
7.	Drone Survey report	22
8.	Conclusion	23
9.	Site photo	23-24

DECLARATION OF THE AUDITOR:

- We Cognizance Research India Pvt. Ltd. has been prepared the report independently.
- We have expertise in conducting environmental audits, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity.
- We have prepared this report as per the Work Order Scope issued vide letter no.03/vivid-53/21-611.
- Based on information provided to us by the project proponent, and in addition to the site visit conducted by us we have presented the results and conclusion.

AUDIT OBJECTIVES

- 1. Implementation of Sustainable Sand Mining Management Guidelines 2020.
- 2. Use of Latest technology/Drone to Monitor the Mining activities.
- 3. Evaluation of the EC/CTE/CTO Compliances
- 4. Ensure conservation of the river equilibrium and its natural environment by protection and restoration of the ecological system. Mining companies maintain adequate control system to minimize environment damage impacts.
- 5. Ensure that the rivers are protected from bank and bed erosion beyond its stable profile.
- 6. Promotion of environmental awareness through participatory auditing process.

Scope of Work asPer the Work Order of BSMCL

S.no	Scope	Compliance
1.	Ensure prevention of illegal mining with the use of drone and any other latest technology	Drone Survey Carried Out. Site Photos attached on Page no.23- 24
2.	Submission of drone generated report in readable format including with statutory obligations	Drone Survey Carried Out. Site Photos attached on Page no. 23-29
3.	Evaluate compliances being done by the contractors with statutory obligations pertaining to Environmental Laws/CTE/CTO/EC	Complied in the Report
4.	Make recommendations to improve the environmental compliance of the contractors from time to time	Complied in the Report
5.	Ensure implementation of recommendation of the auditor by the contractors during the contract period	Will be complied after approval of the EA report.
6.	To identify emerging environmental concerns and evaluate environmental and safety conditions in sand mining	Complied in the report
7.	Assessment of the progress achieved in implementing the enforcement and monitoring guidelines for sand Mining 2020	Report is prepared following the guidelines for sand Mining 2020
8.	The auditor have to submit structed audit report inclusive of evaluation reports	Complied.
9.	An evidence report including all the evidences collected during the course of audit such as site visit reports, photos, drone images in readable format	Complied. Attached as Annexure- CD Submitted for the Same
10.	A sperate Executive Summary of the main audit conclusions and recommendations on each aspect of the audit	Complied
11.	The auditor will submit soft copy of audit report including images, sound, videos etc in readable/Legible form	Complied CD Submitted for the Same

Project Details

The Nepa Sand Ghat at Morhar River, Mauza- Nepa ghat, At- Nepa, P.o-Fatehpur, Dist.-Gaya. Area- 6.0 Halease is allotted to M/S Westlink Trading Pvt.Ltd. and EC has been Granted on 07.04.2016 By SEIAA Bihar. Later EC has been transferred to BSMCL By Letter No. 152 dated 30/09/2021 by SEIAA Bihar. BSMCL appointed M/s Siyaram Construction, (Partner- Amit Kumar, S/o Lt. Birendra singh, Lakhibagh, Manpur, Gaya 823003.) as a contractor for execution of work and comply all the conditions mentioned in EC letter and CTO. Hence M/s Siyaram Construction (contractor) is fully responsible for complying all these conditions mention in EC letter and CTO.

Geographical location

Pillars	Latitude(N)	Longitude(E)
A	24°53'13.00"N	84°51'43.40"E
В	24°53'8.80"N	84°51'45.20"E
С	24°53'13.60"N	84°51'56.10"E
D	24°53'15.80"N	84°51'54.80"E

Nearest Railway	Paraiya Railway Station approx 8.66km towards South-West direction
Station	
Nearest Airport	Gaya International Airport approx 17km towards South-East direction
Nearest Highway	SH 69- 0.55km towards North Direction
	NH 120- 0.50km towards North Direction
Nearest Habitation	Panchananpur village approx 0.30 km towards North direction
	Nepa village approx 1 km towards South-East direction

Fig-1 Pillar coordinate map



Fig 2- 500m map



Audit Check list as per the Scope of work for The Project

S. No.	Conditions	Observation	Compliance/ Non- Compliance	Action to be taken	Remarks
Envir	onment Clearance Spe	cific and General co	nditions audit		
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	Mining 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 Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e., the distance from the	as per the approved mine plan. Safety distances from both the river bank as well as from the	Complied	Nil	

TVICAZ	a- Nepa gnat, At- N	cpa, 1 .0-1 atclipul,	Dist Gaya.ri	1 Ca - 0.0 11a.	Ι
	bank or river to be				
	left un-worked (Non				
	mining area)				
4.	The project proponent shall. undertake adequate safeguard measures during, extraction of river bed material and ensure that due to this activity the hydrogeological 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 industy 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. Safety trainings is being organized regularly. Periodic health check-up will be carried out and record of the same will be maintained as per conditions.	Complied	Nil	
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	Complied	Nil	

TVIAUZ	a- Nepa gnat, At- N		Dist Gaya.A	10a- 0.0 11a.	1
		been provided near the mining site to collect above mentioned wastes.			
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 <i>I</i> 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 taken to control fugitive emissions so as to ensure that RSPM (PM10 and PM 2.5) levels are within prescribed limits.	Regular water sprinkling is being done to control fugitive emissions.	Complied	Nil	
11.	Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be	Condition is not being followed	Not complied	It was suggested by the audit team to conduct the periodical medical	

	a- Nepa gnat, At- No	-r,	= ==		
	carried out and			examination	
	records maintained.			of the	
				workers and	
				keep it in	
				record.	
	The project	No any			
	proponent shall take	endangered fauna			
	all precautionary	has been recorded			
	measures during	in the nearby site.			
		If found			
10	mining operation for		NTA	D.T.A	
12.		precautionary	NA	NA	
	protection of	measures will be			
	endangered fauna as	taken care as per			
	prescribed the	wildlife			
	Wildlife	(protection) act			
	(protection)Act.1972.	1972.			
	The project				
	proponent shall				
	obtain Consent to				
	Consent to Operate	G 11.1			
13.	from the Bihar State	Condition has	Complied	Nil	
	Pollution Control	been complied			
	Board, Patna and				
	effectively				
	implement all the				
	conditions stipulated				
	therein.				
	No river sand				
	mining be allowed				
1.4	•	Condition is being	Complied	Nil	
14.	-	complied	Complied	INII	
	(July, August, and	-			
	September).				
	To submit annual				
	replenishment report				
	certified by an				
	authorized agency.				
	In case the				
	replenishment is				
	lower than the				
	approved rate of	Condition is being			
15.	production, then the	complied	Complied	Nil	
	*	Complied			
	mining activity				
	/Production levels				
	shall be decreased				
	/stopped accordingly				
	till the				
	replenishment is				
	completed.				
	r			1	

	a- Nepa gnat, At- N	epa, r.o racempar,	zisti zajani	100 010 1101	T
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 mining operations.	Condition is being complied	Complied	Nil	
20.	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	Condition is being complied	Complied	Nil	

Mauz	a- Nepa gnat, At- N	cpa, 1.0-ratenpur,	Dist Gaya.A	10a- 0.0 11a.	T
	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.				
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 be done regularly.	Regular water sprinkling is being done on the transportation route and mined material is being covered during transportation to control dust emission.	Complied	Nil	
25.	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	Condition is being complied, photographs regarding this is attached as Annexures.	Complied	Nil	

	used,	1 , r	= :: j : /- :	200	
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 provisions of the Forest Conservation Act, 1980 and the rules made there under.	Mining lease is not falling in forest area as per forest conservation act 1980 and rules made under this.	Complied	Nil	
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 cheek 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	Condition is being complied.	Complied	Nil	

<u> </u>	epa, P.o-Fatenpur,	Dist. Gaya.ri	10a 0.0 11a.	
environment and				
Junction at take-off point of approach road with main road be property 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	-1
Health and safety of workers should be taken care of.	Condition is being complied.	Complied	Nil	
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. The Distance from	Condition is not being complied	complied	It was suggested to the proponent to appoint occupational Health Specialist as soon as possible	;
The Distance from		Complied	Nil	
- 6 C J H H H C H & A C H C H S O S I I B C Y H A H S O S I H B I S I A B C B C B I H F	environment and control of pollution Junction at take-off point of approach coad with main road on the property developed with proper width and geometry required for safe movement of traffic by lease molder at his own cost. Health and safety of workers should be taken care of. 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 nealth check-ups for workers having some ailments like BP, diabetes, nabitual 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.	environment and control of pollution Junction at take-off point of approach to ad with main road property developed with proper width and geometry required for safe movement of traffic by lease holder at his own cost. Health and safety of workers should be aken care of. 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, nabitual 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. The Distance from	environment and control of pollution function at take-off point of approach road with main road be property developed with proper width and geometry required for safe movement of traffic by lease nolder at his own cost. Health and safety of workers should be taken care of. 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, nabitual smokers, etc. shall be indertaken 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. The Distance from	environment and control of pollution function at take-off function at take-off point of approach road with main road per property developed with proper width and geometry required for safe movement of traffic by lease holder at his own cost. Health and safety of workers should be aken care of. 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 chek-ups for workers having some ailments like BP. diabetes, abitual smokers, etc. shall be undertaken once in SLX months and necessary remedial/preventive measure taken accordingly. Recommendations of National Institute for Labour for mine workers shall ne adopted. The Distance from Condition is being complied Complied Nil

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	Reservoir, Bridge				
	shall be adopted as				
	per Bihar	Condition is being			
	Minor Mineral and	complied.			
	concession Rule				
	(2014) and				
	amendment thereof.				
	The proponent shall				
	not conduct sand				
	mining where				
	mining, can cause				
	•				
	danger to site of	G 11.1	G 11 1	2711	
37.	Flood protection	Condition is being	Complied	Nil	
	works, places of	complied.			
	cultural religious,				
	historical, and				
	archeological				
	importance.				
	Vehicles only with				
38.	fitness and PUC	Condition is being	Complied	Nil	
36.	Certificates should	complied.	Complied	1111	
	be used.	-			
	Project Proponent				
	shall ensure that the				
				It was	
	road may not be				
	damaged due to	Condition is not		suggested to	
39.	transportation of the		Non	proponent to	
39.	mineralwill be as per	being complied	complied	work on this	
	IRC Guidelines with	properly	1	condition	
	respect to complying			strictly	
	1			Suictly	
	with traffic				
	congestion density.				
	No stacking of sand				
40	is allowed on road	Condition is being		ı	
40.		Condition is being	Com. 1: a 1	NI:1	
	side along national	_	Complied	Nil	
	side along national	complied.	Complied	Nil	
	highways	_	Complied	Nil	
	highways The PP shall make	complied.	Complied	Nil	
41.	highways The PP shall make arrangement for	complied. Condition is being	-	Nil Nil	
41.	highways The PP shall make arrangement for drinking Water, first	complied.	Complied		
41.	highways The PP shall make arrangement for	complied. Condition is being	-		
41.	highways The PP shall make arrangement for drinking Water, first	complied. Condition is being	-		
41.	highways The PP shall make arrangement for drinking Water, first aid facility.	complied. Condition is being	-		
41.	highways The PP shall make arrangement for drinking Water, first aid facility. Adequate steps should be taken to	complied. Condition is being	-		
41.	highways The PP shall make arrangement for drinking Water, first aid facility. Adequate steps should be taken to check soil erosion	Condition is being complied.	-		
41.	highways The PP shall make arrangement for drinking Water, first aid facility. Adequate steps should be taken to check soil erosion and control debris	Condition is being complied. Condition is being	-		
	highways The PP shall make arrangement for drinking Water, first aid facility. Adequate steps should be taken to check soil erosion and control debris flow etc. by	Condition is being complied.	Complied	Nil	
	highways The PP shall make arrangement for drinking Water, first aid facility. Adequate steps should be taken to check soil erosion and control debris flow etc. by constructing	Condition is being complied. Condition is being	Complied	Nil	
	highways The PP shall make arrangement for drinking Water, first aid facility. Adequate steps should be taken to check soil erosion and control debris flow etc. by	Condition is being complied. Condition is being	Complied	Nil	
	highways The PP shall make arrangement for drinking Water, first aid facility. Adequate steps should be taken to check soil erosion and control debris flow etc. by constructing	Condition is being complied. Condition is being	Complied	Nil	
42.	highways The PP shall make arrangement for drinking Water, first aid facility. Adequate steps should be taken to check soil erosion and control debris flow etc. by constructing engineering	Condition is being complied. Condition is being	Complied	Nil	

Wiauz	Mauza- Nepa gnat, At- Nepa, P.o-Fatenpur, Dist Gaya. Area- 6.0 Ha.								
	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.							
44.	washing of all transport vehicles should be clone inside the mining lease.	Condition is being complied.	Complied	Nil					
45.	The Proposed route for transportation should not pass-through private land. But in case is passes permission from private land owner obtained.	Condition is being complied.	Complied	Nil					
Conse	nt To Establish condit	ions audit							
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	No DG set has been installed within the lease area	NA	NA					

		cpa, 1.0-1 atchpui,			
	after commissioning of the plant.				
3.	Maximum depth of 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.	Complied	Nil	
4.	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 be permitted within		Complied	Nil	

TTAGE	a- Nepa gnat, At- N	t t t t t t t t t t t t t t t t t t t	Dist. Sajani	1	1
	46 meters distance				
	from flood control				
	embankments. The				
	quarrying shall be				
	restricted up to a				
	depth of 1.8 meters	Condition is being			
	within 46 meters to	complied.			
		complied.			
	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.				
	Extraction of sand				
	shall be permitted				
	only after obtaining				
	No-Objection				
	Certificate from the				
	Water Resources				
	department in case				
9.	of the rivers where	Condition is being	Complied	Nil	
	from Irrigation	complied.	1		
	channels are out	tomp not.			
	flowing.				
	Washing of vehicles				
	_				
	shall be done only				
	inside the mining				
	area.				
	Mining shall be				
10.	carried out between	Condition is being	Complied	Nil	
	6:00AM to 7:00PM.	complied.			
	Mining shall not be				
4.4	carried out during	Condition is being	C 1' 1	NI:1	
11.	rainy season (i.e.,	complied.	Complied	Nil	
	June to September).	1			
	Carrying of minerals				
	shall be done in				
	completely covered	Condition is boins			
12.		Condition is being	Complied	Nil	
	vehicles both	complied.			
	underneath and over				
	the heap.				
	Water spraying				
13.	mechanism to		Complicat	Nil	
13.	control dust		Complied	1111	
	pollution have to be	Condition is being			
<u> </u>	1 4		I .	1	

111442	1 0	epa, P.o-Fatenpur,	Dist. Gaya.rs		
	purchased and (a) proof of purchase &	complied.			
	(b) Photographs				
	have to be attached.				
	Carrying of minerals				
	shall be done				
14.	through a fixed route		Complied	Nil	
14.	and the same shall	Condition is being	Complica	1411	
	be attached with the	complied.			
	application.				
	Proof of plantation				
	at least 500 trees of				
	a least 4 feet height				
1.5	on river-side / road-	Condition has	D.T.A.	NT A	
15.	side with proper protection shall be	been complied by	NA	NA	
	submitted along with	previous client,			
	the application for	care of plantation			
	СТО	is being done by			
	Details of	present proponent			
	JCB/Poclain				
	excavator fitted with				
	GPS instrument			It was	
	shall be submitted	Condition is not	Non	suggested to	
16.	along with its	being complied	complied	proponent to	
	registration number	being complica	complica	comply this	
	[(a) Proof of			condition	
	Purchase & (b) Photographs have to				
	be attached.]				
	Details of water tank				
	with sprayer shall be				
	provided with GPS			It was	
	along with its	Condition is not	Non	suggested to	
17.	registration number.	being complied	complied	proponent to	
	[(a) Proof of Purchase & (b)		ı	comply this condition	
	Purchase & (b) Photographs have to			Condition	
	be submitted.]				
	Proof of purchase of				
	Earmuff/protective				
	gear 50 in numbers	Earmuff/protective			
18.	has to be submitted	gear have been	Complied	Nil	
	with its [(a) [(a)	purchased.			
	Proof of Purchase &				
	(b)]. Proof of Android-	Condition is not	Non	It was	
19.	based phone/CCTV	being complied	complied	suggested to	
	basea phone/cc1 v	complica	Complica	baggested to	

Mauza-	Nena	ghat.	At- Net	oa. P.o-l	Fatehpur.	.Dist (Gava.A	rea- 6.0 Ha.
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		<u> </u>			
	(Closed Circuit			proponent to	
	Television) / PC			comply this	
	(personal Computer)			condition	
	/ internet connection				
	/power backup/				
	barcode/ QR code				
	reader, scanner,				
	check point/post has				
	been				
	procured/installed				
	like [(a) Proof of				
	Purchase & (b)				
	Photographs.				
	The unit shall have a				
	display board near				
	the site stating name				
	of unit/Industry with	Condition has			
	/Name of proprietor	been complied,			
20	with address and ref	photographs is	Complied	Nil	
	memo no and date of	attached as			
	consent with its	annexure.			
	validity period				
	granted by the				
	Board.				

Drone Survey Report:

As per the scope of work we have carried out Drone surveillance of entire sand ghat and it has been found that

- > Pillar demarcation has been found proper.
- ➤ Pollution controlling activity such as dust suppression and plantation is being carried out.
- ➤ No mining is being done in river active channel.
- > Safety distance has been left from the bank of the river.
- Mining is being done under allowable depth.
- > Transportation of excavated material is being done in covered trucks/tractors.
- > Transportation of sand is being done with all the safety procedures.
- ➤ No illegal sand mining has been found throughout the sand ghat.

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 training conduction, occupational health officer appointment, repairing of haul roads 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.

(Drone Surveillance Photographs)

Nepa Sand Ghat, Dist-Gaya

Created on February 14, 2022

Captured on February 11, 2022

DroneDeploy

Site Photos



Environmental Audit Report Nepa Sand Ghat at Morhar River Mauza- Nepa ghat, At- Nepa, P.o-Fatehpur, Dist.- Gaya. Area- 6.0 Ha.







Transportation with covered vehicles



Water sprinkling facilities For Dust Suppression



Boundary Pillar









Haul Road



Solid waste managment

