



सत्यमेव जयते

State Level Environment Impact Assessment Authority-Karnataka

(Constituted by MoEF, Government of India, under section 3(3) of E(P) Act, 1986)

No. SEIAA 210 MIN 2020

Date: 05-09-2020

To,
The Executive Engineer,
Panchayathraj Engineering Division,
Shivamogga,
Shivamogga District.

Sir,

Sub: Quarrying of Ordinary Sand at Buklapura Sand Block No.2 In Tunga river bed adjacent to Sy. No. 18, 256, 283 & 251 of Buklapura Village, Thirthahalli Taluk, Shivamogga District, Karnataka by The Executive Engineer, Panchayathraj Engineering Division, Shivamogga - Issue of Environmental Clearance - Reg.

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This has reference to your online application dated 25th June 2020 bearing proposal No. SIA/KA/MIN/160255/2020 addressed to SEIAA, Karnataka on the subject mentioned above. It has been noted that the proposal is for grant of Environmental Clearance under the provisions of EIA Notification, 2006, for Quarrying of Ordinary Sand at Buklapura Sand Block No.2. The total quarry lease area of the project is 10-00 Acres (4.046 Ha), which is a Government land. Full extent of 10-00 acres area will be used for Quarrying. The water requirement for the project is 3.00 KLD will be met by Bore wells from the nearby villages.

Ordinary Sand Quarry: Extent: 10-00 Acres at Buklapura Sand Block No.2 in Tunga River bed adjacent to Sy. No. 18, 256, 283 & 251 of Buklapura Village, Thirthahalli Taluk, Shivamogga District, Karnataka. The area is located in Survey of India Topo Sheet No. ND 43/11 bounded by following co-ordinates of WGS-84.

Boundary points	Latitude	Longitude
A	N 13° 41' 32.52"	E 75° 15' 51.91"
B	N 13° 41' 36.85"	E 75° 15' 50.94"
C	N 13° 41' 38.90"	E 75° 16' 00.82"
D	N 13° 41' 34.79"	E 75° 16' 01.94"

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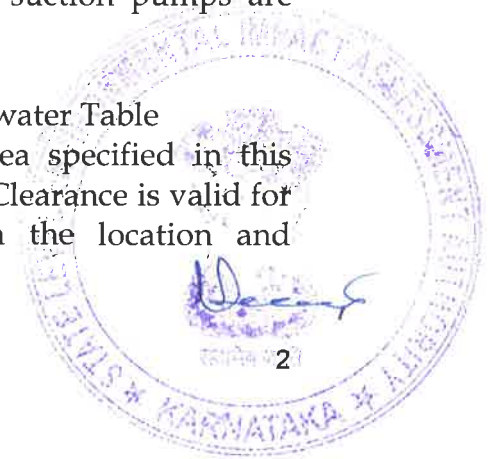
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2. The Senior Geologist, Department of Mines & Geology, Shivamogga has approved the Quarrying plan on 11th November 2019. Working will be of open cast semi - mechanized method as per the Sustainable Sand Mining Management guidelines 2016 issued by the MoEF & CC, Government of India. It is reported that the lease area do not attract General Conditions specified in the EIA Notification, 2006 and the amendments made thereon.

3. The State Expert Appraisal Committee (SEAC) appraised the project in their meeting held on 27th August 2020 and recommended for issue of Environmental clearance as per approved quarry plan. The State Level Environment Impact Assessment Authority (SEIAA), Karnataka have considered the application in their meeting held on 31st August 2020 in accordance with the EIA Notification 2006 and hereby accords environmental clearance under the provisions there of to the above mentioned the The Executive Engineer, Panchayathraj Engineering Division, Shivamogga for Quarrying of Ordinary Sand as recommended by State Expert Appraisal Committee (SEAC) for production capacity of 34,425 Tonnes per annum for plan period of five years by open cast and semi - mechanized method involving quarry lease area of 10-00 Acres subject to implementation of the following conditions and environmental safeguards.

A. SPECIFIC CONDITIONS:

1. Validity of this Environmental Clearance is limited to five years from the date of issue of this letter.
2. Quarry plan approved by the Department of Mines and Geology shall be strictly implemented and shall not be operated beyond the validity period of the approved quarry plan.
3. The quarry lease area to be properly demarcated using the lat-long coordinates and duly erecting 4 feet concrete/ granite pillars on the ground
4. Quarrying shall be undertaken strictly in accordance with provisions of MM (D&R) Act 1957 / KMMC RULES-1994.
5. All the conditions stipulated in the Consent for establishment issued (If applicable) by the Karnataka State Pollution Control Board should be effectively implemented.
6. The quarrying of sand shall be undertaken only to a depth of 0.50 meter as specified in the Quarrying plan and the RL of the river bed shall not be less than 606.5 MAMSL.
7. Use of mechanized boats fitted with engines and suction pumps are strictly prohibited.
8. No in stream mining shall be undertaken
9. The quarrying operations shall not intersect ground water Table
10. No quarrying shall be undertaken outside the area specified in this environmental clearance letter. This Environmental Clearance is valid for location mentioned above only. Any change in the location and



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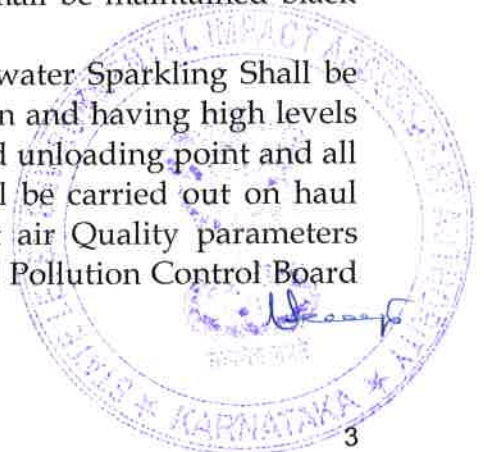
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modification in the mining plan, shall be undertaken only with fresh approval and Environmental Clearance.

11. Waste rock/ pebbles/ clay, etc. shall be stacked appropriately in such a way that it does not obstruct the river flow and shall be used for backfilling of mined out pits
12. Regular monitoring of groundwater level and quality shall be carried out in and around the project by establishing a network of existing wells and installing new piezometers during the mining operation. The periodic monitoring [(at least four times in a year- pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority and the data thus collected may be sent regularly to the Ministry of Environment and Forests and its Regional Office Bangalore, the Central Ground Water Authority and the Regional Director, Central Ground Water Board. If at any stage, it is observed that the groundwater table is getting depleted due to the mining activity; necessary corrective measures shall be carried out.
13. The project authority should implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board within 3 months and report be submitted to the Authority.
14. The project proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of water (groundwater or surface water) required for the project.
15. Mineral handling area shall be provided with the adequate number of high efficiency dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.
16. Proper sanitary facilities should be installed for the colony /work place. Domestic waste generated should be disposed in a scientific manner. Proper first aid facilities and health care facilities should be provided for the laborers
17. Site specific eco restoration plan shall be implemented
18. The infrastructure of transport roads should be improved by the project authorities
19. Link road from the Quarry site to main road shall be maintained black topped by the project proponent
20. Effective safeguard measures, such as regular water Sparkling Shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as around loading and unloading point and all transfer points. Extensive water Sparkling shall be carried out on haul roads. It should be ensured that the Ambient air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard



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21. The following procedure laid down in Appendix XII of the EIA Notification, 2006 (as amended vide Notification No. S.O. 141 (E) dated 15th January 2016) for monitoring of sand mining or riverbed mining shall be followed:

i) The security feature of Transport Permit shall be as under:

- a) Printed on Indian Banks Association (IBA) approved Magnetic Ink Character Recognition (MICR) Code paper.
- b) Unique Barcode.
- c) Unique Quick Response (QR) code.
- d) Fugitive Ink Background.
- e) Invisible Ink Mark.
- f) Void Pantograph.
- g) Watermark.

ii). Requirement at Mine Lease Site:

- a) Small Size Plot (Up to 5 hectare): Android Based Smart Phone.
- b) Large Size Plots (More than 5 hectare): CCTV camera, Personal Computer (PC), Internet Connection, Power Back up.
- c) Access control of mine lease site.
- d) Arrangement for weight or approximation of weight of mined out mineral on basis of volume of the trailer of vehicle used.

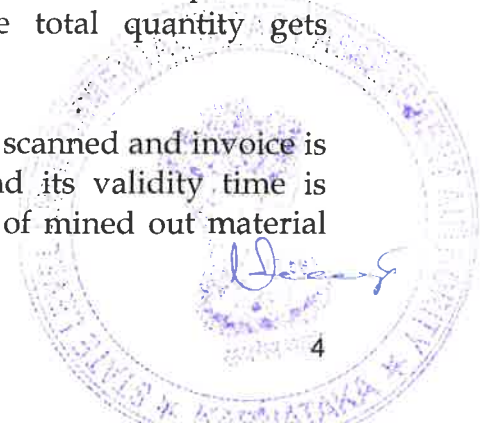
iii) Scanning of Transport Permit or Receipt and Uploading on Server:

- a) Website: Scanning of receipt on mining site can be done through barcode scanner and computer using the software;
- b) Android Application: Scanning on mining site can be done using Android Application using smartphone. It will require internet availability on SIM card;
- c) SMS: Transport Permit or Receipt shall be uploaded on server even by sending SMS through mobile. Once Transport Permit or Receipt get uploaded, a unique invoice code gets generated with its validity period.

iv). Proposed working of the system:

The State Mining Department Should print the Transport Permit or Receipt with security features enumerated at paragraph I above and issue them to the mine lease holder through the Deputy Commissioner. Once these Transport Permits or Receipts are issued, they would be uploaded on the server against that mine lease area. Each receipt should be preferably with pre-fixed quantity, so the total quantity gets determined for the receipts issued.

When the transport permit or receipt barcode gets scanned and invoice is generated, that particular barcode gets used and its validity time is recorded a server. So all the details transporting of mined out material



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can be captured on the server and the Transport Permit or Receipt cannot be reused.

v). Checking On Route:

The staff deployed for the purpose of checking of vehicles carrying mined mineral should be in a position to check the validity of Transport Permit or Receipt by scanning them using website, Android Application and SMS.

vi). Breakdown of Vehicle:

In case of the Vehicle breakdown, the validity of Transport Permit or Receipt shall be extended by sending SMS by driver in specific format to report breakdown of vehicle. The server will register this information and register the breakdown. The State can also establish a call center, which can register breakdowns of such vehicles and extend the validity period. The subsequent restart of the vehicle also should be similarly reported to the server or call center.

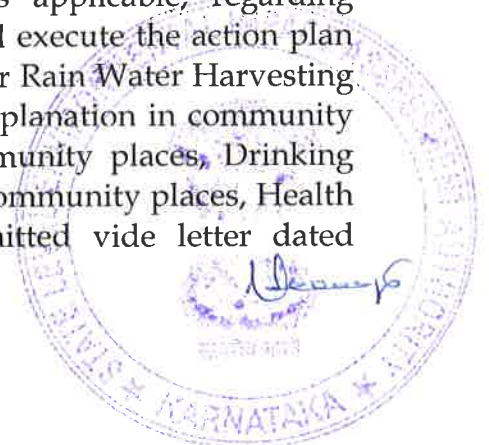
vii). Tracking of Vehicles:

The route of vehicle from source to destination can be tracked through the system using check points, RFID Tags, and GPS tracking.

viii). Alerts or Report Generation and Action Review:

The system will enable the authorities to develop periodic report on different parameters like daily lifting report, vehicle log or history, lifting against allocation, and total lifting. The system can be used to generate auto mails or SMS. Thus will enable the District Collector or District Magistrate to get all the relevant details and shall enable the authority to block the scanning facility of any site found to be indulged in irregularity. Whenever any authority intercepts any vehicle transporting illegal sand, it shall get registered on the server and shall be mandatory for the officer to fill in the report on action taken. Every intercepted vehicle shall be tracked.

22. The project proponent shall comply with provision contained in OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, of the Ministry of Environment, Forest and Climate Change as applicable, regarding Corporate Environment Responsibility and shall execute the action plan with a total cost of minimum of Rs 2,94,000/- for Rain Water Harvesting in Schools and colleges, Avenue plantation and plantation in community places, Solar Panels Provision in nearby community places, Drinking Water and Sanitation facility supply in nearby community places, Health camp in nearby community places, as submitted vide letter dated 01/09/2020.



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B. SPECIAL CONDITIONS:

The Ministry of Environment, Forest and Climate has constituted a Committee to formulate the "Guidelines for Sustainable Sand Mining in the Country". The Guidelines, inter-alia, included the following recommendations. The Project Proponent shall implement the following special conditions so as to mitigate then environment impact of mining activities:-

Impact Category	SI No	Environmental Conditions
Stakeholder Engagement	1.	The project proponent shall create stake holder awareness and ability to raise concerns and shall get it addressed.
	2	Valid lease and all the permits is very much needed for undertaking mining/quarrying activity.
	3	Monitoring Committee including Local Panchayat, to check on traffic due to transportation shall be established and submit an annual report on the same.
	4	The directions given by the Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [SLP(C) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 may be strictly followed.
	5	All the provisions made and restrictions imposed as covered in the Minor Mineral Rule, shall be complied with, particularly regarding Environment Management Practices and its fund management and Payment of compensation to the land owners.
Sustainable Mining Practices	6	District level Survey Report prepared and area suitable for mining and area prohibited for mining identified shall be adhered to.
	7	No River sand mining be allowed in rainy season i.e., 5th June to 15th October every year.
	8	Annual replenishment report certified by an Authorized agency be prepared. 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.
	9	Ultimate working depth shall be limited to the level fixed in this Environmental Clearance from Riverbed level and not less than one meter from the water level of the River channel whichever is reached earlier. In hilly terrain this depth be preferably restricted to one meter.
	10	In River flood plain mining a buffer of 3 meter to be left from the River bank for mining.
	11	Mining shall be done in layers of depth permitted as per this clearance to avoid ponding effect and after first layer

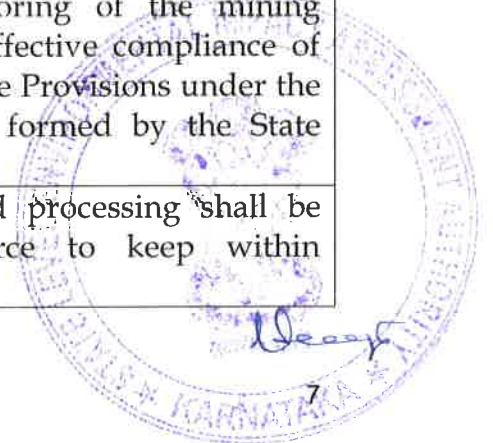
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		is excavated, the process will be repeated for the next layers.
	12	To maintain safety and stability of Riverbanks i.e. 3 meter or 10% of the width of the River whichever is more will be left intact as no mining zone.
	13	No stream should be diverted for the purpose of sand mining. No natural water course and/ or water resources are obstructed due to mining operations.
	14	No blasting shall be resorted to in River mining and without emission at another place.
	15	Depending upon the location, thickness of sand, deposition, agricultural land/Riverbed, the method of mining shall be manual.
Identification and Preparation of Mining Site	16	Mining should be done only in area / stretch identified in the District Level Survey Report suitable for mining and so certified by the Sub- Divisional Level Committee after site visit.
	17	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 District Level Committee.
Monitoring the Mining of Mineral and Its Transportation	18	The EC holder shall keep a correct account of quantity of mineral mined out, dispatched from the mine, mode of transport, registration number of vehicle, person in-charge of vehicle and mine plan. This should be produced before officers of Central Government and State for inspection.
	19	For each mining lease site the access should be controlled in a way that vehicles carrying mineral from that area are tracked and accounted for.
	20	The State/District Level Environmental Committee should use technology like bar coding, Information and communications technology, Web based and ICT enabled services, mobile SMS App etc. to account for weight of minerals being taken out of the lease area and the number of trucks moving out with the mineral.
	21	There should be regular monitoring of the mining activities in the State to ensure effective compliance of stipulated EC Conditions and of the Provisions under the Minor mineral concessions rules formed by the State Government.
Noise Management	22	Noise arising out of mining and processing shall be abated and controlled at source to keep within permissible limit.



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	23	Restricted working hours. Sand mining operation has to be carried out between 6am to 7pm
Air Pollution and Dust Management	24	The Pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly.
	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.
	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.
Management of Visual Impact	27	The mining operations are to be done in a systematic manner so that the operations shall create a major Visual Impact on the site.
Bio-Diversity Protection	28	Restoration of flora affected by mining should be done immediately. Twice the number of trees destroyed by mining to be planted preferably of indigenous species. Each EC holder should plant and maintain for lease period at least 5 trees per hectare in area near lease.
	29	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 thereunder.
	30	Protection of turtle and bird habitats shall be ensured.
	31	No felling of tree near quarry is allowed. For mining lease within 10km of the National Park/ Sanctuary or in Eco-Sensitive Zone of the Protected Area, recommendation of Standing Committee of National Board of Wild Life (NBWL) have to be obtained as per the Hon'ble Supreme Court order in I.A. No. 460 of 2004.
	32	Spring sources should not be affected due to mining activities. Necessary Protection measures are to be incorporated.
Management of Instability and Erosion	33	Removal, stacking and utilization of top soil in mining are should be ensured. Where top soil cannot be used concurrently, it shall be stored separately for future use keeping in view that the bacterial organism should not die and should be spread nearby area.
	34	Adequate steps shall be taken to check soil erosion and control debris flow etc. by constructing suitable engineering structures in a scientific way.
	35	Oversize material is used to control erosion and movement of sediments.

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	36	No overhangs shall be allowed to be formed due to mining and mining shall not be allowed in area where subsidence of rocks is likely to occur due to steep angle of slope.
	37	No extraction of stone/ boulder / sand in landslide prone areas.
	38	Controlled clearance of riparian vegetation to be undertaken
Waste Management	39	Site clearance and tidiness is very much needed to have less visual impact of mining.
	40	Dumping of waste shall be done in earmarked places as approved in Mining Plan
	41	Rubbish burial shall not be done in the Rivers.
Pollution Prevention	42	The EC holder shall take all possible precautions for the protection of environment and control of Pollution.
	43	Effluent discharge shall be prevented and it should meet the standards prescribed if discharged after appropriate treatment.
Protection of Infrastructure	44	Mining shall not be undertaken in a mining lease located in 200-500 meter of bridge, 200 meter upstream and downstream of water supply / irrigation scheme, 100 meters from the edge of National Highway and railway line, 50 meters from a reservoir, canal or building, 25 meter from the edge of State Highway and 10 meters from the edge of other roads except on special exemption by the Sub Divisional level Joint Inspection Committee.
	45	For carrying out mining in proximity to any bridge or embankment, appropriate safety zone (not less than 200 meters) should be worked out on case to case basis, taking into account the structural parameters, location aspects and flow rate, and no mining should be carried out in the safety zone so worked out.
	46	Mining activities shall not be done for mine lease where mining can cause danger to site of flood protection works, places of cultural, religious, historical, and archaeological importance.
Enhancement Road Safety	47	Vehicles used for transportation of sand are to be permitted on with of fitness and PUC Certificates.
	48	Junction at takeoff point of approach road either main road be properly developed with production width and geometry required for safe movement of traffic by concession holder at his own cost.
	49	Project Proponent shall ensure that the road may not be

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		damaged due to transportation of the mineral and transport of minerals will be as per IRC Guidelines with respect to complying with traffic congestion and density.
	50	No stacking allowed on road side along National Highways.
Closure and reclamation of Mined Out Area	51	The Project Proponent shall undertake phased restoration, reclamation and rehabilitation of land affected by mining and completes this work before abandonment of mine.
	52	Restoration, reclamation and rehabilitation in cluster should be done systematically and jointly by each EC holder in that cluster. This should be appropriately reflected as EC condition in each EC in cluster.
	53	Site specific plan with eco-restoration should be in place and implemented
Health and Safety	54	Health and safety of workers should be taken care of.
	55	Transport of mineral will not be done through villages / habitations.
	56	The Project Proponent shall make arrangement for drinking water, first aid facility (along with species specific anti-venom provisioning) in case of emergency for the workers.
	57	Project Proponent shall implement the Disaster Management Plan if the mine lease area is located in Seismic Zone-IV. Project Proponent shall appoint a Committee to have a check over any disaster to warn workers well before for the safety of the workers. Emergency helpline number will be displayed at all levels.
	58	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 six months and necessary remedial/ preventive measures taken accordingly. Recommendations of National Institute for Labor for ensuring good occupational environment for mine workers would also be adopted.
Monitoring the Impact of Mining	59	The Project Proponent shall report monitoring data on replenishment, traffic management, levels of Production, river bank erosion and maintenance of road etc. to the State level Environment Impact Assessment Authority along with half yearly monitoring of EC conditions.

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Mineral Conservation	60	Use of alternate material such as M-sand in place of natural river sand shall be encouraged in order to reduce stress on natural eco-system.
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C. GENERAL CONDITIONS:

1. No change in quarrying technology and scope of working should be made without prior approval of the SEIAA Karnataka.
2. No change in the calendar plan including excavation, quantum of mineral and waste should be made.
3. Digital processing of the entire lease area using remote sensing technique should be done regularly once in three years for monitoring land use pattern and report submitted to SEIAA Karnataka, Department of Environment and Ecology, Govt. of Karnataka and the APCCF, Regional Office, MoEF, Bangalore.
4. It shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the MoEF, Govt. of India, New Delhi.
5. Data on ambient air quality (PM₁₀, PM_{2.5}, SO₂, NO_x) should be regularly submitted to the SEIAA Karnataka and the Regional Office, MoEF, Bangalore and the State Pollution Control Board / Central Pollution Control Board once in six months.
6. Fugitive dust emission from all the sources should be controlled regularly. Water spray arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
7. Measures 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.
8. Waste water from the quarry should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th may 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of effluents.
9. 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.
10. Occupational health surveillance program of the workers should be undertaken periodically i.e. once in 3 months to observe any contractions due to exposure to dust and take corrective measures, if needed. Quarterly report in this regard should be submitted to the Department of Environment and Ecology, Govt. of Karnataka and the Karnataka State Pollution Control Board and the Regional Office, MoEF, Bangalore.
11. The project proponent shall take all precautionary measures during quarrying operation for conservation and protection of endangered fauna spotted in the study area. Action plan for conservation of flora and fauna shall be prepared and implemented in consultation with the State Forest and Wildlife Department. The proponent shall contribute towards

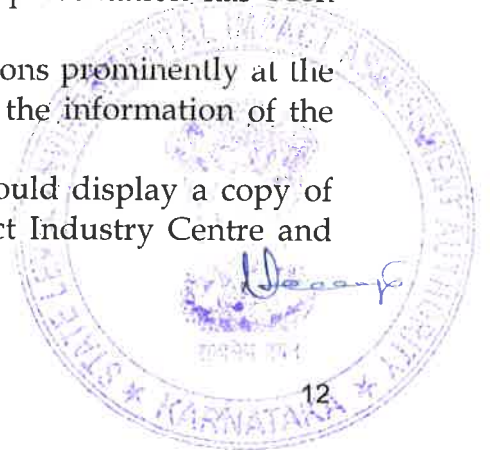
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- the cost of implementation of the plan and / or Regional Wildlife Management Plan for conservation of wild life. The amount so contributed shall be included in the project cost. A copy of the action plan may be submitted to the SEIAA, Department of Environment and Ecology, Govt. of Karnataka, and the Regional Office, MoEF, Bangalore within 3 months.
12. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the SEIAA Karnataka, the Department of Environment and Ecology, Govt. of Karnataka, and Ecology, Government of Karnataka, and the Regional Office, MoEF, Bangalore.
 13. The project authorities should inform the SEIAA Karnataka, Department of Environment and Ecology, Govt. of Karnataka, and the Regional Office, MoEF, Bangalore regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
 14. The APCCF, Regional Office of MoEF, Bengaluru; the Department of Environment and Ecology, Govt. of Karnataka and the Karnataka State Pollution Control Board shall monitor compliance of the stipulated conditions. The project authorities should extend full co-operation to the Officer (S) of these offices by furnishing the requisite data / information / monitoring reports.
 15. The project proponent shall submit six monthly report on the status of the implementation of the stipulated environmental safeguards to the SEIAA Karnataka, Department of Environment and Ecology, Government of Karnataka and the APCCF, Regional Office, MoEF, Bengaluru; the Central Pollution Control Board and the Karnataka State Pollution Control Board.
 16. The Half Yearly Compliance Reports (HYCRs) with its contents of a covering letter, compliance reports, and environmental monitoring data has to be in PDF format merged into a single document. The email should clearly mention the name of project, EC No. & date, period of submission and to be sent to the Regional Office of MOEF&CC by email only at email ID ros.z.bng-mefcc@gov.in Hard copy of HYCRs shall not be acceptable.
 17. A copy of the clearance letter will be marked to the concerned Panchayat. Local NGO, if any, from whom suggestion / representation has been received while processing the proposal.
 18. The project proponent should display the conditions prominently at the entrance of the project on a big panel board for the information of the public.
 19. The Karnataka State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/ Tehsildar's office for 30 days.

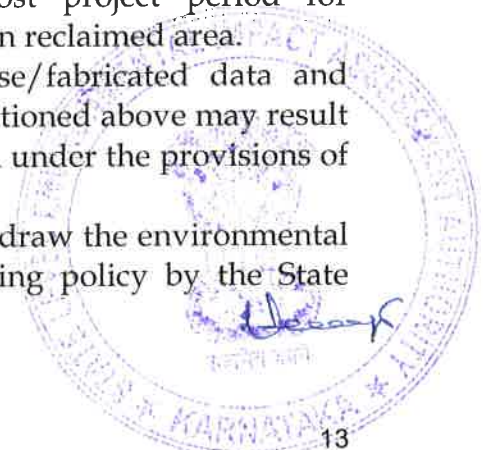


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20. The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at <http://environmentclearance.nic.in/> website of the MoEF&CC and <http://seiaa.karnataka.gov.in/> website of SEIAA, Karnataka. A copy of the same should be forwarded to the Department of Environment and Ecology, Government of Karnataka and the Regional Office, MoEF&CC, Bangalore.
21. The Project Proponent shall provide a copy of the Environmental Clearance to the concerned Village Panchayat, Taluk Panchayat and Zilla Panchayat / Local municipal authorities.
22. This environmental clearance does not confer any right to the proponent on the land proposed for quarrying until and unless quarry lease and all other statutory clearance are obtained from the respective department/agencies.
23. Regular ambient air quality monitoring shall be carried out around each of the working areas and records maintained.
24. The critical parameters such as such as RSPM (Particulate matter with size less than 10micron i.e., PM10), NOx in the ambient air within the impact zone, shall be monitored periodically.
25. Vehicular emissions should be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in quarrying operations and in transportation of blocks, so that they do not cause either noise or air pollution.
26. Appropriate mitigation measures should be taken to prevent pollution of nearby water bodies in consultation with the State Pollution Control Board.
27. Baseline data on health profile of each of the workers shall be maintained.
28. The Project Proponent should get the health checkup done for the quarry workers on quarterly basis and submit report periodically.
29. The project authorities should undertake sample survey to generate data on pre-project community health status within a radius of 1 km from proposed quarry.
30. Plantation monitoring programme during post project period for ensuring survival and growth rate of plantation in reclaimed area.
31. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environmental (Protection) Act, 1986.
32. The SEIAA, Karnataka reserves the right to withdraw the environmental clearance subject to any change in the quarrying policy by the State Government as may be applicable to this project.



State Level Environment Impact Assessment Authority- Karnataka
(Constituted by MoEF, Government of India, under section 3(3) of E (P) Act, 1986)


SEIAA 210 MIN 2020

Quarrying of Ordinary Sand at Buklapura Sand Block No.2 Project of
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33. The SEIAA or any other competent authority may alter / modify the above conditions or stipulate any further condition in the interest of environment protection.
34. Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
35. This Environmental Clearance issued subject to imposition of any other condition to be imposed in accordance with orders of Hon'ble National Green Tribunal or any other courts of law.
36. The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under.
37. 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.

Yours faithfully,




(Vijayakumar Gogi)
Member Secretary
SEIAA Karnataka

Copy to:

1. The Secretary, Ministry of Environment & Forests and Climate Change Indira Paryavaran Bhavan, Jor-Bagh Road, Aliganj, New Delhi-110 003.
2. The Director, Department of Mines and Geology, Khanija Bhavan, Race course road, Bangalore - 560 001.
3. The Member Secretary, Karnataka State Pollution Control Board, Bangalore.
4. The APCCF, Regional Office, Ministry of Environment & Forests (SZ), Kendriya Sadan, IV Floor, E & F Wings, 17th Main Road, Koramangala II Block, Bengaluru - 560 034.
5. Guard File.