

APPENDIX I
(See Paragraph -6)

FORM I

(I) Basic Information:

Sl.No.	Item	Details
1	Name of the project/s	Removal of sand from Sand bar SB-G9
2	S.No. in the schedule	G
3	Proposed capacity / area/length / tonnage to be handled/ command area / lease area / number of wells to be drilled	3.00 Ha.
4	New / Expansion / Modernization	Not applicable
5	Existing capacity / area etc.,	3.00 Ha
6	Category of Project i.e. 'A' or 'B'	B
7	Does it attract the general condition? If yes, please specify	No
8	Does it attract the specific condition? If yes, please specify	No
	Location	Gurupura river,
	Plot/Survey/Khsra No.	Gurupura river bed
	Village	Mudushedde-2
	Tehsil	Mangaluru
	District	Dakshina Kannada
	State	Karnataka
10	Nearest railway station / airport along with distance in Kms.	500 mts away from Mangalore railway station
11	Nearest Town, city, District Headquarters along with distance in Kms.	Attach to the city Mangalore.
12	Village Panchayats, Zilla Parishad, Municipal Corporation, Local body (complete postal addresses with telephone Nos. to be given)	Zilla Panchayat, Dakshina Kannada Dist. Mangalore – 575 001 Tel:

13	Name of the applicant	Deputy Commissioner/ Chairman, District Sand Monitoring Committee, Dakshina Kannada District.
14	Registered address	-do-
15	Address for correspondence.	District sand Monitoring Committee, O/o. the Deputy Commissioner, Dakshina Kannada, Mangalore
	Name	Deputy Commissioner
	Designation (Owner / Partner / CEO)	Chairman, District Sand Monitoring Committee
	Address	Office of the Deputy Commissioner, Mangalore
	Pin Code	575001
	E-mail	dcmnglr@gmail.com
	Telephone No.	0824-2220588
	Fax No.	
16	Details of Alternative Sites Examines, if any, Location of these sites should be shown on a topo sheet.	Village-District-State 1. Gurupura river bed Mudushedde-2 Village. 2. Mangalore Taluk of Dakshina Kannada district 3. Karnataka State
17	Interlinked Projects	Not applicable
18	Whether separate application of interlinked projects has been submitted?	Not applicable
19	If yes, date of submission	Not applicable
20	If no, reason	Not applicable
21	Whether the proposal involves approval / clearance under : If yes, details of the same and their status to be given. (a) The Forest (Conservation) Act, 1980? (b) The Wildlife (Protection) Act, 1972? (c) The C.R.Z. Notification, 1991?	Proposal submitted to the KSCZMA for clearance on 27-01-2016

22	Whether there is any Government Order / Policy relevant / relating to the site?	MOEF office Memorandum No.11-83/ 2005-IA-III(Vol.III) Dated.8-11-2011 Sub rule 5 of Rule 31U of Karnataka Minor Mineral Concession Rules 1994 Amendment 2013
23	Forest land involved (hectares)	Nil
24	Whether there is any litigation pending against the project and / or land in which the project is propose to be set up? (a) Name of the Court (b) Case No. (c) Orders/directions of the Court, if any and its relevance with the proposed project	No Not applicable

II. Activity:

1. Construction, operation or decommissioning of the Project involving actions, which will cause physical changes in the locality (topography, land use, changes in water bodies, etc.)

S.No.	Information/checklist confirmation	Yes/ No.	Details thereof (with approximate quantities / rates, wherever possible) with source of information data
1.1	Permanent or temporary change in land use, land cover or topography including increase in intensity of land use (with respect to local land use plan)	No	Not applicable
1.2	Clearance of existing land, vegetation and buildings?	No	Not applicable
1.3	Creation of new land uses?	No	Not applicable
1.4	Pre-construction investigations e.g. bore houses, soil testing?	No	Not applicable
1.5	Construction works?	No	Not applicable
1.6	Demolition works	No	Not applicable
1.7	Temporary sites used for construction works or housing of construction workers?	No	Not applicable
1.8	Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations.	No	Not applicable
1.9	Underground works including mining or tunneling?	No	Not applicable

1.10	Reclamation works?	No	Not applicable
1.11	Dredging?	No	Not applicable
1.12	Offshore structures ?	No	Not applicable
1.13	Production and manufacturing processes?	No	Not applicable
1.14	Facilities for storage of goods or materials?	No	Not applicable
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	No	Not applicable
1.16	Facilities for long term housing of operational workers?	No	Not applicable
1.17	New road, rail or sea traffic during construction or operation?	No	Not applicable
1.18	New road, rail, air water borne or other transport infrastructure including new or altered routes and stations, ports, airports etc?	No	Not applicable
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?	No	Not applicable
1.20	New or diverted transmission lines or pipelines?	No	Not applicable
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of water courses or aquifers?	No	Not applicable
1.22	Stream crossings?	No	Not applicable
1.23	Abstraction or transfers of water form ground or surface waters?	No	Not applicable
1.24	Changes in water bodies or the land surface affecting drainage or run-off?	No	Not applicable
1.25	Transport of personnel or materials for construction, operation or decommissioning?	No	Not applicable
1.26	Long-term dismantling or decommissioning or restoration works?	No	Not applicable
1.27	Ongoing activity during decommissioning which could have an impact on the environment?	No	Not applicable
1.28	Influx of people to an area in either temporally or permanently?	No	Not applicable

1.29	Introduction of alien species?	No	Not applicable
1.30	Loss of native species or genetic diversity?	No	Not applicable
1.31	Any other actions?	No	Not applicable

2. Use of Natural resources for construction or operation of the Project (such as land, water, materials or energy, especially any resources which are non-renewable or in short supply):

S.No.	Information/checklist confirmation	Yes/No.	Details thereof (with approximate quantities / rates, wherever possible) with source of information data
2.1	Land especially undeveloped or agricultural land (ha)	No	Not applicable
2.2	Water (expected source & competing users) Unit: KLD	No	Not applicable
2.3	Minerals (MT)	No	Not applicable
2.4	Construction material – stone, aggregates, sand / oil (expected source – MT)	No	Not applicable
2.5	Forests and timber (source – MT)	No	Not applicable
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)	No	Not applicable
2.7	Any other natural resources (use appropriate standard units)	No	Not applicable

3. Use, storage, transport, handling or production of substances or materials, which could be harmful to human health or the environment or raise concerns about actual or perceived risks to human health.

S.No.	Information/checklist confirmation	Yes/No.	Details thereof (with approximate quantities / rates, wherever possible) with source of information data
3.1	Use of substances or materials, which are hazardous (as per MSIHC rules) to human health or the environment (flora, fauna, and water supplies)	No	There is no such materials used while removing of sand and stocking.

3.2	Changes in occurrence of disease or affect disease vectors (e.g., insect or water borne disease)	No	Not applicable
3.3	Affect the welfare of people e.g. by changing living conditions?	No	Not applicable
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.,	No	Not applicable
3.5	Any other causes	No	Not applicable

4. Production of solid wastes during construction or operation or decommissioning (MT/Month)

S.No.	Information/checklist confirmation	Yes/No.	Details thereof (with approximate quantities / rates, wherever possible) with source of information data
4.1	Spoil, overburden or mine wastes	No	Not applicable
4.2	Municipal waste (domestic and or commercial wastes)	No	Not applicable
4.3	Hazardous wastes (as per Hazardous waste Management rules)	No	Not applicable
4.4	Other industrial process wastes	No	Not applicable
4.5	Surplus product	No	Not applicable
4.6	Sewage sludge or other sludge from effluent treatment	No	Not applicable
4.7	Construction or demolition wastes	No	Not applicable
4.8	Redundant machinery or equipment	No	Not applicable
4.9	Contaminated soils or other materials	No	Not applicable
4.10	Agricultural waste	No	Not applicable
4.11	Other solid wastes	No	Not applicable

5. Release of pollutants or any hazardous, toxic or noxious substances to air (Kg/hr)

S.No.	Information/checklist confirmation	Yes/No.	Details thereof (with approximate quantities / rates, wherever possible) with source of information data
5.1	Emissions from combustion of fossil fuels from stationary or mobile sources	No	Not applicable

5.2	Emissions from production processes	No	Not applicable
5.3	Emissions from materials handling including storage or transport	No	Not applicable
5.4	Emissions from construction activities including plant and equipment	No	Not applicable
5.5	Dust or odours from handling of materials including construction materials, sewage and waste	No	Not applicable
5.6	Emissions from incineration of waste	No	Not applicable
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)	No	Not applicable
5.8	Emissions from any other sources	No	Not applicable

6. Generation of Noise and Vibration and Emissions of Light and heat:

S.No.	Information/checklist confirmation	Yes/No.	Details thereof (with approximate quantities / rates, wherever possible) with source of information data
6.1	From operation of equipment e.g., engines, ventilation plant, crushers	No	Not applicable
6.2	From industrial or similar processes	No	Not applicable
6.3	From construction or demolition	No	Not applicable
6.4	From blasting or piling	No	Not applicable
6.5	From construction or operational traffic	No	Not applicable
6.6	From lighting or cooling systems	No	Not applicable
6.7	From any other sources	No	Not applicable

7. Risks of contamination of land or water from releases of pollutants into the ground or into sewers, surface waters, groundwater, coastal waters or the sea:

S.No.	Information/checklist confirmation	Yes/ No.	Details thereof (with approximate quantities / rates, wherever possible) with source of information data
7.1	From handling, storage, use or spillage of hazardous materials	No	Not applicable
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)	No	Not applicable
7.3	By deposition of pollutants emitted to air into the land or into water	No	Not applicable
7.4	From any other sources	No	Not applicable
7.5	Is there a risk of long term build up of pollutants in the environment from these sources?	No	Not applicable

8. Risk of accidents during construction or operation of the Project, which could affect human health or the environment.

S.No.	Information/checklist confirmation	Yes/ No.	Details thereof (with approximate quantities / rates, wherever possible) with source of information data
8.1	From explosions, spillages, fires etc. from storage, handling, use or production of hazardous substances	No	Not applicable
8.2	From any other causes	No	Not applicable
8.3	Could the project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc)?	No	Not applicable

9. Factors which should be considered (such as consequential development) which could lead to environmental effects or the potential for cumulative impacts with other existing or planned activities in the locality.

S.No.	Information/checklist confirmation	Yes/ No.	Details thereof (with approximate quantities / rates, wherever possible) with source of information data
9.1	Lead to development of supporting, utilities, ancillary development or development stimulated by the project which could have impact on the environment e.g.: Supporting infrastructure (roads, power supply, waste or waste water treatment etc.) <ul style="list-style-type: none">• housing development• Extractive industries• Supply industries• Other	Yes	Removal sand from sand bar will produce sand which could be used as building material for construction of roads, Bridges, Govt. Buildings Public housing and other developing activity like State and national road projects etc.
9.2	Lead to after-use of the site, which could have an impact on the environment.	No	Not applicable
9.3	Set a precedent for later developments	No	Not applicable
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects.	No	Not applicable

(III) Environmental Sensitivity

Sl. No.	Areas	Name / Identity	Aerial distance (within 15 km.) Proposed project location boundary
1	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value.	CRZ I, River bank vegetation river road and railway bridge.	Not applicable


2	Areas which are important or sensitive for ecological reasons – Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests.	CRZI	Not applicable
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, overwintering, migration	CRZ I, River bank and vegetation	Not applicable
4	Inland, coastal, marine or underground waters	Coastal / marine	Not applicable
5	State, National boundaries	No	Not applicable
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	No	Not applicable
7	Defence installations	No	Not applicable
8	Densely populated or built-up area	No	Not applicable
9	Areas occupied by sensitive man-made land uses (hospitals, schools, places of worship, community facilities)	No	Not applicable
10	Areas containing important, high quality or scarce resources (ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals)	Sand	Removal sand from sand bar produces sand which can be used for construction of buildings.
11	Areas already subjected to pollution or environmental damage, (those where existing legal environmental standards are exceeded)	No	Not applicable
12	Areas susceptible to natural hazard which could cause the project to present environmental problems (earthquakes, subsidence, landslids, erosion, flooding or extreme or adverse climatic conditions)	No	Not applicable

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IV. Proposal Terms of Reference for EIA studies.

"I hereby given undertaking that the data and information given in the application and enclosures and true to the best of my knowledge and belief and I am aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance give, if any to the project will be revoked at our risk and cost.

Date : 27-01-2016
Place : Mangaluru


Deputy Commissioner/Chairman
District Sand Monitoring Committee(CRZ)
Dakshina Kannada District, Mangaluru

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