

FORM-1
Basic information

Sr. No.	Item	Details
1	Name of the Project	Bipinbhai Maganbhai Patel (Heir of Maganbhai Nathabhai Patel) Sand mining at Panam River (Area – 03.00.00 ha), Opp. Survey Number 42/15, Village Moti Ghoda, Taluka Lunawada, District Mahisagar, State Gujarat.
2	S. No in schedule	1(a)
3	Proposed capacity/area/length/tonnage to be handled/command area/lease area/number of well to be drilled	Mining of 10,000 MT/Month of sand in mine lease area of 03.00.00 ha
4	New/expansion/modernization	New
5	Existing capacity/area etc.	Not Applicable
6	Category of project i.e. "A" or "B"	Screening Category: B2
7	Does it attract the general condition? If yes please specify	No
8	Does it attract the specific condition? If yes please specify	No
9	Location	Panam Riverbed
	Plot/Survey/Khasra No	Near Survey Number 18
	Village	Moti Ghoda
	Tehsil	Lunawada
	District	Mahisagar
	State	Gujarat
10	Nearest railway station/airport along with distance in Kms.	Nearest railway station at Tuwa is 35 km from site in South direction.
11	Nearest town, city, district headquarter along with distance in Kms.	Nearest headquarter is Godhara at a distance of 40 km from site
12	Village Panchayat, Zila Parishad, Municipal Corporation, local body (Complete postal address with telephone nos to be given)	Moti Ghoda Gram Panchayat, Village Moti Ghoda, Taluka Lunawada, District Mahisagar, Gujarat.
13	Name of the applicant	Bipinbhai Maganbhai Patel (Heir of Maganbhai Nathabhai Patel)
14	Registered address	At & PO Moti Ghoda Taluka Lunawada, District Mahisagar, Gujarat
15	Address for correspondence	As above
	Name	Shri Bipinbhai Maganbhai Patel
	Designation	Heir of Maganbhai Nathabhai Patel
	Address	At & PO Moti Ghoda, Taluka Lunawada, District Mahisagar, Gujarat
	Pin code	389 230

Sr. No.	Item	Details
	E-mail	vishnu150675@gmail.com
	Telephone	9427046079
	Fax No	---
16	Details of alternative sites examined, if any. Location of these sites should be shown on a topo sheet	None
17	Interlinked Project	None
18	Whether separate application for interlinked project has been submitted?	Not applicable.
19	If yes date of submission	-
20	If no reason	New application
21	Whether the proposal involves approval/ clearance under: if yes, details of the same and their status to be given The Forest (Conservation) Act, 1980 The Wildlife (Protection) Act, 1972 The CRZ Notification 1991	No
22	Whether there is any Government order/policy relevant/ relating to site	No
23	Forest Land involved?	No
24	Whether there is any litigation pending against the project and / or land in which the project is propose to be set up Name of court Case no Order/directions of the court, if any and its relevance with the proposed project.	No litigation is pending.

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)

Sr. No.	Information/Checklist confirmation	Yes/ No?	Details there of with approximate quantity/rate wherever possible with source of information of 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	-

Sr. No.	Information/Checklist confirmation	Yes/ No?	Details there of with approximate quantity/rate wherever possible with source of information of data
1.2	Clearance of existing land, vegetation and buildings?	No	-
1.3	Creation of new land uses?	No	-
1.4	Pre-construction investigations e.g. bore holes, soil testing?	No	-
1.5	Construction works?	No	-
1.6	Demolition works?	No	-
1.7	Temporary sites used for construction works or housing of construction workers?	No	-
1.8	Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations	Yes	Excavation of sand.
1.9	Underground works including mining or tunneling?	No	There is no underground working since the proposal is for opencast mining activities only.
1.10	Reclamation works?	No	--
1.11	Dredging?	Yes	Opencast excavation of sand
1.12	Offshore Structures?	No	Not applicable
1.13	Production and manufacturing processes?	No	--
1.14	Facilities for storage of goods or materials?	No	No physical structure for storage purpose, however material mined from the face will be transported to stacking ground.
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	No	--
1.16	Facilities for long term housing of operational workers?	No	As local workers will be employed for mining; there will not be need to provide housing facilities. However temporary labour rooms will be developing.
1.17	New road, rail or sea traffic during construction or operation?	No	Not applicable
1.18	New road, rail, air waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc?	No	Access is available right up to the mine.
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

Sr. No.	Information/Checklist confirmation	Yes/ No?	Details there of with approximate quantity/rate wherever possible with source of information of data
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?	No	No changes to hydrology of water course or aquifers proposed.
1.22	Stream crossings?	No	--
1.23	Abstraction or transfers of water from ground or surface waters?	No	--
1.24	Changes in water bodies or the land surface affecting drainage or run-off?	Yes	Generation of pit will lead to accumulate water during rainy season
1.25	Transport of personnel or materials for construction, operation or decommissioning?	Yes	During operation phase, mined material (Sand) will be transported by road for end use as building material.
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	--
1.28	Influx of people to an area either temporarily 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):

Sr. No	Information/Checklist confirmation	Yes/ No?	Details there of with approximate quantity/rate , wherever possible with source of information data
2.1	Land especially undeveloped or agricultural land (ha)	Yes	It is a river bed.
2.2	Water (expected source & competing users) unit: KLD	No	--
2.3	Minerals (MT)	Yes	Sand- 10,000 MT/Month
2.4	Construction material - stone, aggregates, sand / soil (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.

Sr. No.	Information / Checklist confirmation	Yes/ No?	Details there of with approximate quantity/rate wherever possible with source of information of 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	Not required
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases)	No	Not applicable
3.3	Affect the welfare of people e.g. by changing living conditions?	No	However, employment opportunity will increase minor.
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)

Sr. No.	Information/Checklist confirmation	Yes/ No?	Details there of with approximate quantity/rate wherever applicable with source of information of data
4.1	Soil, overburden or mine wastes	No.	-
4.2	Municipal waste (domestic and or commercial wastes)	No	-
4.3	Hazardous wastes (as per Hazardous Waste Management Rules)	No	-
4.4	Other industrial process wastes	No	-
4.5	Surplus product	No	-
4.6	Sewage sludge or other sludge from effluent treatment	No	-
4.7	Construction or demolition wastes	No	-
4.8	Redundant machinery or equipment	No	-
4.9	Contaminated soils or other materials	No	-
4.10	Agricultural wastes?	No	-
4.11	Other solid wastes?	No	-

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

Sr. No.	Information/Checklist confirmation	Yes /No?	Details there of with approximate quantity/rate wherever applicable with source of information of data
5.1	Emissions from combustion of fossil fuels from stationary or mobile sources	Yes	There will be emission due to use of diesel during vehicular movement only
5.2	Emissions from production processes	Yes	Dust will be generated during activities such as loading & transportation
5.3	Emissions from materials handling including storage or transport	Yes	Dust will be generated during activities such as loading & transportation
5.4	Emissions from construction activities including plant and equipment	No	-
5.5	Dust or odours from handling of materials including construction materials, sewage and waste	No	-
5.6	Emissions from incineration of waste	No	-
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)	No	-
5.8	Emissions from any other sources	No	-

6. Generation of Noise and Vibration, and Emissions of Light and Heat:

Sr. No.	Information/Checklist confirmation	Yes/No?	Details there of with approximate quantity/rate wherever applicable with source of information of data
6.1	From operation of equipment e.g. engines, ventilation plant, crushers	No	Not applicable
6.2	From industrial or similar processes	No	-
6.3	From construction or demolition	No	-
6.4	From blasting or piling	No	Not applicable
6.5	From construction or operational traffic	Yes	Noise due to vehicular movement during transportation
6.6	From lighting or cooling systems	No	-
6.7	From any other sources	No	-

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

Sr. No.	Information/Checklist confirmation	Yes /No?	Details there of with approximate quantity/rate wherever applicable with source of information of data
7.1	From handling, storage, use or spillage of hazardous materials	Yes	Land and water contamination may be possible due to spill of oil from vehicles only

Sr. No.	Information/Checklist confirmation	Yes /No?	Details there of with approximate quantity/rate wherever applicable with source of information of data
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)	No	-
7.3	By deposition of pollutants emitted to air into the land or into water	Yes	Air emission due to excavation, transportation & vehicular movement
7.4	From any other sources	No	-
7.5	Is there a risk of long term build up of pollutants in the environment from these sources?	No	-

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

Sr. No.	Information/Checklist confirmation	Yes/No?	Details there of with approximate quantity/rate wherever applicable with source of information of 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	-
8.3	Could the project be affected by natural disasters causing environmental damage e.g. floods, earthquakes, landslides, cloudburst etc)?	No	-

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

Sr. No.	Information/Checklist confirmation	Yes/No?	Details there of with approximate quantity/rate wherever applicable with source of information of data
9.1	Lead to development of supporting. Facilities , 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.) housing development extractive industries supply industries, (other)	No	-
9.2	Lead to after-use of the site, which could have an impact on the environment	No	-
9.3	Set a precedent for later developments	No	-

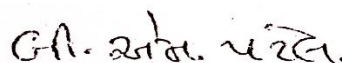
Sr. No.	Information/Checklist confirmation	Yes/No?	Details there of with approximate quantity/rate wherever applicable with source of information of data
9.4	Have cumulative effects due to proximity to other Existing or planned projects with similar effects	No	-

10. Environmental Sensitivity

Sr. No	Area	Name /identity	Aerial distance (within 15 km) from proposed location boundary
1	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value	No	-
2	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests	No	-
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration	No	-
4	Inland, coastal, marine or underground waters	Yes	Sand removal is to be done from Panam river bed.
5	State, National boundaries	No	-
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	Yes	State Highway No. 2 is about 4.13 km in NE direction from the lease area.
7	Defense installations	No	-
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)	Yes	Human Habitation-1.43km in NW Adarsh Vidhyalaya- 4.3 km in NE Pooja Hospital - 5.1 km in NE Laxmi Vinayak Ganpati Temple – 5 km in NE
10	Areas containing important, high quality or scarce resources (ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals)	No	-
11	Areas already subjected to pollution or environmental damage. (those where existing legal environmental standards are exceeded)	No	-

Sr. No	Area	Name /identity	Aerial distance (within 15 km) from proposed location boundary
12	Areas susceptible to natural hazard which could cause the project to present environmental problems (earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions)	No	The study area lies in Seismic Zone III. However no structure is to be constructed as a part of the project. Hence environmental impacts due to the proposed project are ruled out.

"I hereby given undertake that the data and information given in the application and enclosures are 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 given, if any project will be revoked at our risk and cost."



Place: Moti Ghoda

Bipinbhai Maganbhai Patel
 (Heir of Maganbhai Nathabhai Patel)
 At Moti Ghoda, Tal. Lunawada, Dist. Mahisagar
 Signature of the applicant
 With name and full address