

APPENDIX I
(See paragraph – 6)
FORM 1

(I) Basic Information

Sr. No.	Item	Details
1.	Name of the project	Singarpur sand mine Quarry of h.p. corporation(Lease Area- 3.100ha)
2.	Sr. No. in the Schedule	1(a)
3.	Proposed capacity/area/length/tonnage to be handles / command area/lease area/number of wells to be drilled	Sand Production: 83531 M³ / per Year Lease Area: 3.100 Hectare
4.	New/Expansion/Modernization	New
5.	Existing Capacity/ Area	Not applicable
6	Category of project A or B	B-2
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 Plot/survey/Khsara no Village Tehsil District State	Khasra No. 474/2/5/2,474/4 Village – singarpur Tahsil – gourihar Dist. – Chhatarpur Madhya Pradesh
10.	Nearest railway station/airport along with distance in km	Railway Station – khurhond – 20.25 km Airport – Khajuraho 62.75 km
11	Nearest Town City District Headquarter	gourihar – 11.75 km Banda – 24.50 km Chhatarpur- 82.25 km
12	Village Panchayat/Zila Parisad/Municipal Corporation/local Body	Pachayat : singarpur
13	Name of the Applicant	m/s h.p. corporation
14	Registered add	81/84,, Bombay wala house second floor dhankutti , Kanpur (U.P.)
15	Add for correspondence Pin Code Name Designation (Owner/partner/CEO) Address Pin Code E Mail Telephone No Fax No	Dileep ojha 208001 m/s h.p. corporation 81/84,, Bombay wala house second floor dhankutti , Kanpur (U.P.) 9131921956
16	Details of alternative site examined, if any, Location of these sites should be shown on a Toposheet	Mineral deposit has been identified by certifying agency;hence alternative site is not applicable .
17	Interlinked Project	No
18	Whether separate application of interlinked project has been submitted	No
19	If Yes date of submission	No

20	If no reason	No
21	Whether the proposal involves approval/clearance under, if yes details of the same a. The forest conservation act 1980 b. The wildlife protection act 1972 c. The CRZ notification 1991	No
22	Whether there is any Govt. order/Policy relevant/relating to the site	Quarry area will be sanctioned by collector chhatarpur
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 a. Case No b. Order/direction of the court, if any and its relevance with the proposed project	No

(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)	Yes,	Opencast semi mechonized sand mine method . the The sand was deposited in the private land during the flood of ken river . The topography of the lease area is almost flat.the highest ARL is 125m.the general slapes are toward west. No any water channel passes from area which drains rain water during the rainy season . flow direction of water channel is towards north.
1.2	Clearance of existing land, vegetation and buildings?	No	Temporary quarry area will be sanction by the collector,chhatarpur and sand is a minor mineral.
1.3	Creation of new land uses?	No	
1.4	Pre-construction investigations e.g. bore houses, soil testing?	No	
1.5	Construction works?	Yes	Temporary shed shall be provided.
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	No	
1.9	Underground works including or tunneling?	No	
1.10	Reclamation works?	No	

1.11	Dredging?	No	
1.12	Offshore structures?	No	
1.13	Production and manufacturing processes?	Yes	Sand has been excavated by opencast semi mechanizes method.
1.14	Facilities for storage of goods or materials?	No	Mining and dispatching on concurrent basis.
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	No	Mining is proposed to carry out by opencast semi mechanized method . there is no top soil and very les mine waste approx 5%of the total production . OB will stack separately and will be used for road building material .
1.16	Facilities for long term housing of operational workers?	No	
1.17	New road, rail or sea traffic during construction or operation?	No	
1.18	New road, rail, air waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc?	No	
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?	No	
1.20	New or diverted transmission lines or pipelines?	No	
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?	No	
1.22	Stream crossings?	No	
1.23	Abstraction or transfers of water form ground or surface waters?	No	
1.24	Changes in water bodies or the land surface affecting drainage or run-off?	No	
1.25	Transport of personnel or materials for construction, operation or decommissioning?	No	
1.26	Long-term dismantling or decommissioning or restoration works?	No	
1.27	Ongoing activity during decommissioning which could have an impact on the environment?	No	
1.28	Influx of people to an area in either temporarily or permanently?	No	
1.29	Introduction of alien species?	No	
1.30	Loss of native species or genetic diversity?	No	
1.31	Any other actions?	No	

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)	Yes	Total lease area is 3.10 ha. Sand mining will be carried on the private land during the flood of ken river.no agriculture activity has been carried out in the quarry area.
2.2	Water (expected source & competing users) unit: KLD	No	No water is required for the mining process.
2.3	Minerals (MT)	No	
2.4	Construction material – stone, aggregates, sand / soil (expected source – MT)	No	Not applicable
2.5	Forests and timber (source – MT)	No	
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)	Yes	Dumper will be used for transportation of sand . the dumpers/tractors belong to the contractor/ purchaser. The approximate quantity of the fuel to be used per day 300 lit/day
2.7	Any other natural resources (use appropriate standard units)	No	

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	
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases)	No	
3.3	Affect the welfare of people e.g. by changing living conditions?	Yes	Employment will be generated during the course of mining.
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.,	No	

3.5	Any other causes	No	
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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	Mining is proposed to carry out by opencast semi mechanized method. there is no top soil and very less mine waste approx 5 % of the total production . OB will stack separately and will be used for road building materials .
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	No effluent will be generated.
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)

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	Yes	Dumper will be used for transport of sand . the dumpers/tractors belong to the contractor/purchaser. The approximate quantity of the fuel to be used per day 300lit./day .
5.2	Emissions from production processes	No	
5.3	Emissions from materials handling including storage or transport	Yes,	Fugitive emission from transportation of sand, which will be localized and for short term.
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	

6.0 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 with source of information data
6.1	From operation of equipment e.g. engines, ventilation plant, crushers	No	
6.2	From industrial or similar processes	No	
6.3	From construction or demolition	No	
6.4	From blasting or piling	No.	
6.5	From construction or operational traffic	yes	During the transportation of sand, Noise shall be generated from vehicles.
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:

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	
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	No	
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	No	

sources?		
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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	
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	mining as per norms

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	The project will improve the socio- economic status of villages around the mine area. The project will also benefit the local people by generating the employment.
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	
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects	No	

(III) Environmental Sensitivity

S. No.	Areas	Name/ Identity	Aerial distance (within 15 km.) Proposed project location boundary
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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	Ken river
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	No	
5	State, National boundaries	Yes	UP – 2.50 KM
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	No	
7	Defence installations	No	
8	Densely populated or built-up area	Yes	Village singarpur – 0.50 km Gaurihar-11.75 km
9	Areas occupied by sensitive man-made land uses (<i>hospitals, schools, places of worship, community facilities</i>)	Yes,	Schooling facility, Medical facility, post office and telegram facility are available in singarpur 0.50km gaurihar -11.75 km
10	Areas containing important, high quality or scarce resources (<i>ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals</i>)	Yes	-- Ken river – sand
11	Areas already subjected to pollution or environmental damage. (<i>those where existing legal environmental standards are exceeded</i>)	No	
12	Areas susceptible to natural hazard which could cause the project to present environmental problems (<i>earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions</i>)	No	

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

m/s h.p. corporation

**81/84,, Bombay wala house
second floor dhankutti ,
Kanpur (U.P.) 208001**

Date :07/02/2019

Signature of applicant with name & Full address
(Project Proponent/ Authorized Signatory)

Place : Chhatarpur