

# FORM 1 M

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**APPENDIX VIII**  
**(See paragraph 6)**  
**FORM 1 M**

**APPLICATION FOR MINING OF MINOR MINERALS UNDER CATEGORY 'B1'**

**(I) Basic Information**

(I) Name of the Mining Lease site: *Achamapuram Sand Quarry Project for Restoring the Functional Efficiency of the Cauvery River*

(II) Location / site (GPS Co-ordinates):

Survey Nos : 265/1(Part)

Village : Achamapuram

Taluk : Manmangalam

District : Karur

State : TamilNadu

<b>Topo sheet No</b>	58-J/ 01
<b>Latitude</b>	10°58'09.7255"N to 10°58'37.4311"N
<b>Longitude</b>	78°10'48.2644"E to 78°11'17.8825"E

(III) Size of the Mining Lease (Hectare): **24.00.0Ha**

(IV) Capacity of Mining Lease (TPA):

<b>Production Capacity</b>
The proposed quantity of reserves (level of production) to be mined <b>4,80,000m<sup>3</sup></b> of Sand for a period of Two years.

(V) Period of Mining Lease: **Two Years**

(VI) Expected cost of the Project: **Rs.86,60,000/-**

(VII) EMP Cost **Rs. 1,50,000/-**

(VIII) Contact Information:

Name of the applicant : The Executive Engineer,

Address : Water Resources Department

Mining and Monitoring Division,

Thiruchirappalli District - 620020

Phone No. : +91 98424 62467

E-mail ID : [mmdivntry@gmail.com](mailto:mmdivntry@gmail.com)



## II. Environmental Sensitivity

Sl.No.	Areas	Distance in Kilometers / Details	
1	Distance of project site from nearest rail or road bridge over the concerned River, Rivulet, Nallah etc.	Nearest Railway line is Thiruchirappalli – Karur Bridge Amaravathi River Upparu River	3.5km-S  5.2km-SE 1.3km-SW 6.2km-NE
2	Distance from infrastructural facilities	Buffer Zone Area of Applied Area	
	Railway line	Thiruchirappalli – Karur	3.5km-S
	National Highway	(NH-81) Thiruchirappalli – Karur Road	4.0km-S
	State Highway	(SH-74) Karur – Dindigul Road	11.0km-SW
	Major District Road	Thiruchirappalli – Karur Road	4.0km-S
	Any Other Road	The National Highway (NH-81)Thiruchirappalli – Karur road is situated at 3.6Km on the Southern side of the area	
	Electric transmission line pole or tower	770-SE	
	Canal or check dam or reservoirs or lake or ponds	<p><b><u>Water bodies:</u></b></p> <ul style="list-style-type: none"> <li>➤ The applied area is located in Cauvery River</li> <li>➤ Amaravathi River – 1.3km-SW</li> <li>➤ Channel – 4.8km-SE</li> <li>➤ Canal – 4.9km-NE</li> <li>➤ Pidaramangalam lake – 6.0km-NE</li> <li>➤ Upparu River – 6.2km-NE</li> <li>➤ Nagayaballur lake – 7.3km-NE</li> <li>➤ M.Kalathur lake – 10.02km-NE</li> </ul>	
	In-take for drinking water pump house	Beyond 500 Meters Radius from Quarrying Proposed area	
Intake for Irrigation canal pumps	Beyond 500 Meters Radius from Quarrying Proposed area		
3	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value	Vellode Bird Sanctuary – 64.7km – NW Kodaikanal wild life Sanctuary – 95.0km – SW	



4	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests	Nattam R.F. – 5.7km – E Mayanur R.F. – 4.0km – SE Sithalavai R.F. – 8.9km – SE Vellode Bird Sanctuary – 64.7km – NW Kodaikanal wild life Sanctuary – 95.0km – SW
5	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, overwintering, migration	None within 10 km radius
6	Inland, coastal, marine or underground waters	➤ Amaravathi River 1.3km-SW ➤ Upparu River 6.2km-NE
7	State, National boundaries	None within 10 km radius Kerala Interstate boundary – 127.0km-SW
8	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	➤ Thiruchirappalli – Karur Road 4.0km-S
9	Defence installations	None within 10 km radius
10	Densely populated or built-up area, distance from nearest human habitation	Nearest habitation 770m-SE
11	Areas occupied by sensitive man-made land uses (hospitals, schools, places of worship, community facilities)	➤ Government Primary School Chinnapallipalayam 763km-SE ➤ Government Higher secondary school 1.5km-NW
		➤ Government Hospital 3.9km-NE ➤ Government Primary health center clinic 7.3km-NE
		➤ SS College 5.8km-SE ➤ Chettinad college of engineering 6.3km-SW
		➤ Kasi viswanathar Temple 1.9km-SE ➤ Muniyappar Temple 7.5km-NE
12	Areas containing important, high quality or scarce resources (ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals)	None within 10km radius

13	Areas already subjected to pollution or environmental damage. (those where existing legal environmental standards are exceeded)	None within 10km radius
14	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)	Zone III, Moderate damage risk zone as per BMTPC, Vulnerability Atlas of Seismic zone of India IS:1893 – 2002.No history of such incidents in the area
15	Is proposed mining site located over or near fissure / fracture for ground water recharge	None
16	Whether the proposal involves approval or clearance under the following Regulations or Acts, namely: -  (a) The Forest (Conservation) Act, 1980;  (b) The Wildlife (Protection) Act, 1972;  (c) The Coastal Regulation Zone Notification, 2011.  If yes, details of the same and their status to be given.	Not Applicable
17	Forest land involved (hectares)	Not Applicable
18	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 or directions of the Court, if any, and its relevance with the proposed project.	Not Applicable

Date:

Place: Thiruchirappalli

**1. Signature of the proponent with Name and Full Address**



The Executive Engineer,  
Water Resources Department,  
Mining and Monitoring Division,  
Thiruchirappalli District,  
Tamil Nadu State – 620020  
Phone No: : +91 98424 62467

**2. Signature of the Recognized Qualified Person**



Dr.M.Ifthikhar Ahmed, M.Sc., F.G.S, M.B.A., Ph.D.,  
RQP/MAS/183/2004/A

