

CENTRAL GROUND WATER AUTHORITY
(Constituted under section 3 (3) of the Environment (Protection) Act, 1986)

APPLICATION FOR PERMISSION TO DEWATER GROUNDWATER FOR MINING INDUSTRY

1	General Information	
2	Name of the Mine/project:	
3	Location details: (attach site plan, approved mining plan, toposketch of the surroundings 10 km radius out side)	
	Village/Town	
	Block/Mandal:	
	Tehsil/Taluka:	
	District:	
	State:	
4	Communication address: i. Complete Postal Address ii. Phone / Mobile No. III. E-mail address: iv. Fax No	
5	Salient features of the activity:	
6	Land use details of the surroundings (km 10 radius –outside)	
7	Land use details of the project area	
	Total land area: (sq m)	
	Rooftop area of buildings/sheds: (sq m)	
	Road/paved area: (sq m)	
	Green belt area: (sq m)	
	Open land: (sq m)	
	Ownership of the land: (Enclose documents of ownership/lease)	
8	Topography of the area:	
	(a) Regional	
	(b) Project area	
9	Drainage in the area (River/ nala, etc):	
	(a) Regional	
	(b) Project area	
10	Source of availability of surface water- furnish details	
11	Average Annual rainfall in the area: mm	
12	Townships/villages within 10 km radius of the project:	

13	Whether the groundwater table will be intersected by the activity-if so		
	(a) At what depth (m bgl)	Pre-monsoon	Post-monsoon
	Minimum		
	Maximum		
	(b) Maximum depth proposed to dewater (m bgl)		
	(c) Groundwater flow direction (attach map)		
(d) Any Other information			
14	Total Water Requirement for various purpose to be mentioned – use -wise		
15	Quantum of groundwater proposed to be pumped out from mine	M ³ /day	M ³ /year
	a. Type of structure (TW/BW/DW/DCB/etc.)		
	b. Dimension of Structure		
	c. Number of pumps proposed to installed		
	d. HP of the pumps		
	e. Operational hours/day		
	f. Operational days/year		
16	Proposed utilization of pumped water (please attach details)		
	a. Water Supply		
	b. Agriculture		
	c. Green belt development		
	d. Suppression of dust		
	e. Recharge		
	f. Any other item		
1.			
2.			
3.			
17	Monitoring of groundwater regime (attach map and details)		
	a. Location details of the wells /Piezometers (Latitude, Longitude, Reduced Level)		
	b. Number of wells/ Piezometers monitored at present		
	c. Attach details of GW level of Observation wells/ Piezometers (at least for One Year)		
	d. Number of wells/ Piezometers proposed to monitor		
	e. Number of Piezometers proposed to construct in the surroundings		
	f. General Quality of GW in the area & surroundings (attach reports)		
	g. Any other item		

18. Whether it is proposed to pump/ pumping groundwater outside the mine pit for domestic or other uses (if so; give details)

Details of existing and/or proposed groundwater abstraction structures:

Particulars	Existing structure	Proposed structure
Number of structure		
Type of structure (dug well, tube well, bore well, dug cum bore well)		
Year of construction		
Depth (meter)		
Diameter (mm)		
Depth to water level (meters below ground level)		
Discharge (m ³ /hour)		
Operational hours/day		
Operational days/year		
Mode of lift and Horse Power of pump		
Whether fitted with water meter or not		
Whether permission/ registered with CGWA, if so details thereof		

19. Groundwater availability report (please enclose a comprehensive report/note on groundwater condition and groundwater quality in and around 5 km of the area)

20. Details of rainwater harvesting and artificial recharge measures for groundwater recharge in the area. If the firm has proposed to take up rainwater harvesting and recharge outside the premises, then provide NOC from the concern authority/agency where the harvesting measures are proposed, if already implemented, details may be furnished. (Attach report on comprehensive & feasible Rainwater harvesting/recharge proposal).

21. Attach copy of referral letter seeking NOC from CGWA from authorized Central /State agencies

22. Have you applied earlier for the same purpose with CGWA/SGWA, if so, give details thereof with status:

Undertaking

It is to certify that the details and information furnished above are true to the best of my knowledge and belief and I am aware that if any part of the data/information submitted is found to be false or misleading at any stage the application will be rejected out rightly.

Name & Signature of the applicant*
(With official seal)

Date:
Place:

* In case signed by any authorized signatory, the details of the signatory with the authorization shall be enclosed.

- Application Proforma is subject to modification from time to time.
- Application in duplicate should be submitted either to the **Member Secretary, Central Ground Water Authority, West Block 2, Wing 3, R K Puram, Sector 1, New Delhi 110066** or to the **Regional Director, Central Ground Water Board of concerned State.**
 - **Incomplete/ partially filled applications would be rejected summarily.**