

The accompanying form in triplicate to be submitted-

**Member-Secretary,
Meghalaya Pollution Control Board, Shillong**

EXPLANATORY NOTE FOR FILLING FORM 'A' AND THE ANNEXURE

The notes are given only for those which explanation is considered desirable. Other items are self-explanatory.

FORM A

- (1) Here mention the names of the declared Area.
- (2) Here mention the name of the owner of the land/premises if other than the applicant industry or factory. If the land (premises belong to the factory/industry, say self).
- (3) Here mention the case as to which the consent is sought for.
- (4) Here mention the local name of the river/stream tidal waters/sea, as may be applicable.

ANNEXURE TO FORM 'A'-

- Outlet means the arrangement for discharge of the effluent for which the consent is sought for.
- Discharging means the effluent going out of the outlet.
- Existing means that which is in operation at the time of applying for the consent.
- New means that which will be brought into operation in future.
- Altered means that which has been modified due to changes in quantity and/or quality of discharge arrangement and/or point of discharge etc.
- Item 1 Here give the name of the person who is authorized by the Institution/ Industry/factory/local body etc., to transact their legal business.
- Item 2 Here give the registered name of the institution/factory/Industry etc. under which the business is carried out.
- Item 5 Here state the concerned institution such as M.I.D.C., C.L.D.C.O. etc. under whose administrative control the factory/Industry etc. set up.
- Item 6 Applicable to only those areas which are prohibited areas such as the Ordinance Factories, Mint etc.
- Item 13(B) State the method of measurement of hourly/daily maximum quantity of effluents i.e., by flow meters, venturi meters, V notch, Sump measurements, or approximately estimated etc.
- Item 16(A) If the effluent is treated, give separately the method of treatment and flow diagram of the treatment process.
- Item 16(B) Here mention 'Yes' if any other authority such as the local body, M.I.D.C., or State Department has already approved the discharge of effluent either with or without treatment, at the time of establishment of factory/ Industry
- Item 19 Here give the quantity of effluent of different types such as domestic, industrial or mixed etc. proposed to be or is let into the stream/river, lands, lakes, sea etc. as may be applicable.
- Item 22(a) Analysis to be furnished shall cover as many parameters as are expected to be found to the effluent. If some of the parameters are not expected to be found, say not applicable. If some or the parameters other than those listed under the items are expected, the same may be mentioned at the end. The analysis report shall be separately furnished for domestic, industrial and combined effluents.
- Item 22(b) Here toxicity means the which is established by bio-assay studies on fish as per procedure given in the standard methods.
- Item 24 This item is meant to cover such highly Polluting substances which do not ordinarily find way in the effluents, but are required to be handled in the premises and which may, by accident, join the effluent in large quantities.

Price Rs. One Hundred only
(To be submitted in Triplicate)

FORM 'A'
APPLICATION FOR CONSENT FOR DISCHARGE UNDER SECTION 25/26 OF THE
WATER ACT, 1974

Application for consent for discharge in (1)

Area which is a "Water Pollution Prevention Area"

From:

.....
.....
.....

To,

The Member-Secretary,
Meghalaya Pollution Control Board, Shillong.

Sir,

I/We hereby apply for CONSENT under the Water (Prevention & Pollution) Act, 1974 to make discharge for land/premises owned by (2)

- (3) (a) Sullage/Sewage via drains outfall sewers/treatment works
(b) Trade effluent via drains/outfall sewer/treatment works.
(c) Solid wastes into (4)-
(i) Stream River
OR
(ii) On land for irrigation, bearing Survey No. Adjoining at a distance of stream/river
OR
(iii) Lake, pond adjoining/at a distance ofStream/River
OR
(iv) Directly on land for open percolation into subterrianian strata of Survey No. adjoining at a distance ofStream/River
OR
(v) Tidal waters/estuarine waters known as
2. The annexure, appendices, other particulars and plans in triplicate are attached herewith.
3. I/We further declare that the information furnished in the Annexure/Appendices, and plans is correct to the best of my/our knowledge.
4. I/We hereby submit that in case of change either of the point or quantity discharge or its quality a fresh application for CONSENT shall be made and until such CONSENT is granted, no change shall be made.

P.T.O

5. I/We hereby agree to submit to the Board, an application for renewal of CONSENT four month in advance of the date of expiry of the consented period for outlet/discharge, if to be continued thereafter.
6. I/We undertake to furnish any other information within one month of its being called by the Board.

Yours Faithfully,

Signature

Name of Applicant.....

.....
Address of applicant

.....

.....

Accompaniments

(Note – Strike out entries not relevant)

ANNEXURE TO FORM – A

Existing _____
 Outlet/Discharge _____
 New/Altered _____

Note:- Any applicant knowingly giving incorrect information or suppressing any information pertaining thereto shall be liable to punishment under the Act.

While filling this Annexure the Applicant not concerned with any of the items shall state “Not concerned” against the relevant one.

-
1. Full Name of Applicant with address

 (Tel. No.)

 2. Full Name of land/premises/institute/factory/
 industry/Local Body with Address.

 (Tel. No.)

 3. Give revenue/city survey No. of land/premises
 for which the application is make stating
 District, Taluka and Village
 District
 Taluka
 Town
 Village
 City Survey No.
 Area in Hectares
 Revenue Survey No.
 Area in Hectares

 4. State month & year in which the land/premises/
 institute/factory/industry/ was actually put into
 commission, or in proposed to be put into
 commission, or the month and year from which
 the local body id functioning.

 5. State the Civil/Military Defence/Industrial
 Estate. Under whose administrative jurisdiction
 the application’s land/premises is situated.
 Collectorate
 Corporation
 Municipality
 Village Panchayat/Cantonment
 Defence Department
 State Government
 Prohibited Area

6. (a) State whether land/Premises/factory/industry has been declared as prohibited area.
 (b) If yes, state the name of the authority and furnish a certified copy of the order under which the area has been declared as prohibited area.

7. Is the Industry/factory for which application is made closed on Sunday/holiday. Yes/No

8. State working seasons per year for the industry/factory Full Year

From		To
From		To
From		To
From		To
_____ Every Year		

9. (a) Number of workers attending the factory

Shift No. 1	Shift No. 2	Shift No. 1
Hrs.	Hrs.	Hrs.

(b) Number of workers residing in the pemises

10. (For Local Bodies only)

- (a) Present population
 (b) Population covered by regular sewerage facilities

 (c) Population covered by conservancy latrines
 (d) Population having septic tanks/pit/privy facilities

11. Give the list of raw materials such as metals, alloys, chemicals, oils, fuels, etc. used per month Metric Tonnes:-

Metal and Alloy	<u>Name</u> Weight
Chemical	<u>Name</u> Weight
Oil and Grease	<u>Name</u> Weight
Fuels	<u>Name</u> Weight
(a) Wood	<u>Name</u> Weight
(b) Coal	<u>Name</u> Weight
(c) Gases	<u>Name</u> Weight
(d) Other	<u>Name</u> Weight

- (b) Give the list of Names of Products and by Products manufactured per month in MT

Serial No.	Name of Product	Quantity in MT per month
------------	-----------------	--------------------------

12. State the daily quantity of water in litres utilized-

USES			
Domestic	Industrial	Agriculture	Other

13. State the hourly maximum and daily maximum which the application is made;
- (a) Domestic
 (b) Industrial
 (c) Agriculture
 (d) Other use
 (e) Total quantity of effluent

Quantity of effluent arising from land	
Premises for In litres	
Hourly Maximum	Daily Maximum

- (B) State how measurements for rate and quantity are carried out

14. State whether storm water drains are kept separate from Industrial/domestic effluent drains
15. (a) Is domestic effluent allowed to get mixed in Industrial/Domestic effluent drains
 (b) If yes, state the ratio.
16. (a) Describe, if any, treatment for industrial or domestic effluent or one for combined effluent is made?
 If yes, state the process of treatment in brief (*separately*)
 (b) Is the quality of effluent emanating either without or after treatment approved by any authority.
 (c) If approved, furnish the authority

Yes/No

Yes/No

Domestic/Industrial

Yes/No

Yes/No

(Two certified copies to be served)

17. Is there any provision for disposal of

- (a) Domestic effluent in public underground sewer
- (b) Industrial effluent in public underground sewer
- (c) Give the name of public authority owning the sewer

	Already made	Proposed to be made
(a)	Yes/No	Yes/No
(b)	Yes/No	Yes/No
(c)	Yes/No	Yes/No

	Already made	Proposed to be made
18. Is there any provision for disposal of		
(a) Domestic effluent over land for irrigation	Yes/No	Yes/No
(b) Industrial effluent over land for irrigation	Yes/No	Yes/No
(c) Domestic effluent in the underground strata	Yes/No	Yes/No
(d) State the area of land used for (a) above in hectares		
(e) State the area of land used for (b) above in hectares		

19. (a) Give quantitative disposal of effluent in litres per day for the places mentioned below:-

	Domestic	Industrial	Mixed
(i) Stream/River			
(ii) On lands for irrigation			
(iii) On lands for percolation			
(iv) Lake/Pond			
(b) If disposal into Stream/River, State			
(i) Ratio of volume effluent to receiving water at the point of discharge during the driest & the monsoon periods.			
(ii) Maximum safe carrying capacity of Stream/River			

	Already made	Proposed to be made
20. Is there any provision for equalizing or holding Lagoons for tanks to store the effluent during unfavourable stream or tidal conditions:-		
(i) Domestic effluent		
(ii) Industrial effluent		
(iii) Combined effluent		

21 Is sufficient land available/can be made available in case of disposal of pumping effluent or land will have to be considered? Yes/No

22. (a) Give details of composition of Domestic/industrial/Combined effluents in respect of the following:-

Effluent At Max. Dis. (1)	before At Min. dis. (2)	treatment At Ave. dis. (3)	Effluent At Max. Dis. (1)	before At Min. dis. (2)	Treatment At Ave. dis. (3)
------------------------------------	----------------------------------	-------------------------------------	------------------------------------	----------------------------------	-------------------------------------

- (i) PH
- (ii) Colour-Units
- (iii) Temperature $^{\circ}\text{C}$
- (iv) Suspend solids
 - (a) Total mg/l.
 - (b) Fixed mg/I
 - (c) Volatile mg/I
- (v) Dissolved solids
 - (a) Total mg/l.
 - (b) Fixed mg/I
 - (c) Volatile mg/I
- (vi) Total Volatile solids mg/I
- (vii) (a) Ammoniacal Nitrogen mg/I
(b) Free ammonia as NH_3
- (viii) Nitrates (mg/I) N
- (ix) Dissolved oxygen mg/I
- (x) B.O.D. 5, days 20°C mg/I
- (xi) C.O.D. mg/I
- (xii) Oil and greases mg/I
- (xiii) Chloride, (as Cl), mg/I
- (xiv) Phosphates (P), mg/I
- (xv) Phenolic compounds, (as Phenol), mg/I
- (xvi) Cyanides (as CN) mg/I
- (xvii) Sulphates (as SO_4) mg/I
- (xviii) Sulphides (as S) mg/I
- (xix) Sulphites (as SO_3), mg/I
- (xx) Insecticides mg/I
- (xxi) Total residual chlorine (as Cl_2) mg/I
- (xxii) Fluoride (as F), mg/I
- (xxiii) Boron (as B) mg/I
- (xxiv) Arsenic (as As) mg/I
- (xxv) Barium (as Ba), mg/I
- (xxvi) Percent Sodium
- (xxvii) Cadmium (as Cd) mg/I
- (xxviii) Copper (as Cu), mg/I
- (xxix) Lead (as Pb), mg/I
- (xxx) Chromium:-
 - (a) as Cr. mg/I
 - (b) Hexa valency (as Cr) mg/I
- (xxxii) Mercury (as Hg.) mg/I
- (xxxiii) Nickel (as Ni.), mg/I
- (xxxiiii) Selenium (as Se), mg/I
- (xxxv) Silver (as Ag), mg/I

- (xxxv) Zinc (as Zn), mg/l
- (xxxvi) (a) Iron (as Fe), Manganese (as Mn), mg/l
- (b) any other Metals, mg/l
- (xxxvii) Carbon Chloroform Extracts
- (xxxviii) (a) Pesticides (mg/l) (name)
- (b) Herbicides (mg/l) (name)
- (xxxix) Coliform organisms
- MPN. Per 100ml. (monthly average)
- (xE) Bioassay for Toxic constituents'
- TL. 50 (96 hours).

Note:-

- (i) *Furnish a copy of the analysis report of representative samples carried out by a competent laboratory.*
- (ii) *Methods of determination as approved by the Board will be followed for determination of above mentioned parameters.*

- 22. (b) In the effluent toxic Yes/No
- (c) State if the industrial effluent is having Yes/No
- (i) Unpleasant smell Yes/No
- (ii) Irrigating and/or harmful Yes/No
- (iii) Corrosive Yes/No
- (d) Is there any sudden change of temperature exceeding 10°C at any time.

- 23 (a) Are facilities available with the applicant for carrying out the following testes of the waste

Water	Existing	Proposed
(i) Physical	Yes/No	Yes/No
(ii) Chemical	Yes/No	Yes/No
(iii) Bacteriological	Yes/No	Yes/No
(iv) Toxicological	Yes/No	Yes/No

- (b) If yes, details of equipment.

24. Has the Land/Premises, etc. for which application is made, open?

		Highly polluting matter
		Toxic Organic Inorganic Microbiological
25 State details for solid water Seasonal water, spillage, Rejected Materials	Description	Quality Method of Collection Method of disposal

Signature

Name and Address of the applicant on behalf of

.....

Name and Address of the firm.....

.....