

Discharging of Treated Wastewater into SLLDC Canals

Application

For Office Use

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|---------------------|--|-------|--|
| Application Number: | | Date: | |
|---------------------|--|-------|--|

Nature of the project: Apartment/ Manufacturing/ Factory/ Office/ School/ Mixed development / Other (.....)

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- 1) Name of the project :
 - 2) Project address :
.....
.....
 - 3) Local Authority : GN Division:
 - 4) Location (GPS Coordinates):
 - (i) Project location :
 - (ii) Discharging outlet :

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- 5) Name of Applicant (Project Owner) :
 - 6) Contact No. :
 - 7) Postal Address :
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 - 8) E-mail :

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- 9) Date of commencing operations :
 - 10) Occupancy at full capacity/ No. of workers:
 - 11) Number of shifts/ day and times :
 - 12) Source of water taken for daily consumption:
 - Drinking:..... Other:.....
 - 13) Extent of the land available for wastewater treatment plant:
 - 14) Capacity of wastewater treatment plant (m³/ day):
 - 15) Amount of wastewater generated from facility (m³):.....
 - Grey water (m³)..... Black water (m³).....
 - a) Treated wastewater reusing amount (m³/ day) : (Purpose and the reusing volume per day)
 - (i) (iii).....
 - (ii) (iv).....

16) a) Amount of treated wastewater discharging to the waterways (m³/ day):

b) Treated wastewater receiving canal (Name/ GPS Coordinates)

:.....

17) License/ approvals taken from other institutions relevant to the project:

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.....

18) Details of responsible officer for operation and maintenance of WTP :

i. Name :

ii. Designation :

iii. Contact number :

I hereby certify that the particulars furnished by me in this application are true and correct. I am aware that if any particulars herein are found to be false or incorrect my application will be refused and the license, if issued, will be cancelled.

Date:

Signature of Applicant:.....

Details to be submitted with Application

1. Approved survey plan
2. Project brief
3. Wastewater generation
 - a. Quantity of wastewater generated (from the process and domestic wastewater) daily (submit calculations)
 - b. Capacity of Wastewater Treatment Plant (WTP) with design details and demand calculation details
 - c. Quantity of wastewater discharge into canal
4. Design of the discharging arrangement (including longitudinal section with levels, location of valves, trash screens, U traps, Install lockable valves in the outlet point to disconnect the discharge during a failure of achieving expected effluent quality. These valves should be located within Client's premises and SLLDC should have the authority to access any time)
5. Location of facility and GPS coordinates of discharging point (mark in a google map)
6. Occupancy (no. of workers/ residents and shifts)
7. The organizational structure
8. The long term program/ method for the maintenance of the WTP
9. The remedial actions which can be taken if the effluent concentration doesn't satisfy the discharge standards
10. Any conditions on wastewater treatment given in Environment Protection Liscence (EPL) (copy of EPL)
11. The Client shall come into a formal agreement with the SLLDC for the disposal of treated wastewater to a SLLDC canal
12. For facilities already commenced,
 - a. Submit a water quality test report from an accredited laboratory.
 - b. The sampling should be done by the selected laboratory and with the presence of SLLDC staff.
 - c. The required sampling parameters are pH, Total Suspended Solids, Particle size, BOD, COD, oil and grease, Dissolved Phosphate, Total Nitrogen, $\text{NH}_4^+\text{-N}$, Total Organic Carbon, Heavy Metals (Pb, Cr, As, Hg, Cu, Cd), Fecal coliform, E. coli.
13. For industries and factories;
 - a. Process steps with the list of raw material/ chemicals/ additives etc use for each process step
 - b. Factory layout
14. For ongoing projects;
 - a. Water quality test reports of past three months