

Special conditions for sanction of bulk Sewerage connection.

The Service plan of the above referred Institute (Educational and Hospital)/Commercial Complex and Group Housing/new Development areas developed by any Developing Agency has been scrutinized and bulk /individual sewer connection in the DJB network is allowed subject to the following conditions:-

1. The Proponent /Developing Agency will provide its own arrangement for collection of the sewage generated, its treatment and the disposal of the same till the peripheral/trunk sewer system is made available by Delhi Jal Board. The STP and septic tank or any other arrangement will be provided by the Proponent /Developing Agency strictly as per the provisions of latest building Bye-laws, CPHEEO guidelines, all IS Codes and as per the guidelines of Central/State Environment Department /CPCB/DPCC as applicable.
2. The sewerage scheme being approved by DJB are based on approved layout plan/approved building plans forwarded by the developing agencies like DDA, MCD and any other local authorities having statutory powers to do so.
3. The Proponent /Developing Agency shall have to deposit the applicable infrastructure charges amounting to Rs...../- @ 30.80 per litre for disposal of discharge of LPD including sub-soil infiltration.
4. The sewage for Hospital/Hotel/workshop shall have to be treated as per the requirement of latest building Bye-laws and guidelines of CPHEEO manual and relevant IS codes before releasing into DJB network.
5. The operation and maintenance of the sewerage system inside the premises/individual campus upto the connection point from the DJB sewer line would be with the Proponent/Developing Agency/Occupier. DJB shall not be liable /responsible for any mishap/untoward incident inside such campus/premises.
6. The allocation /allotment/marketing of the spaces for construction of STP /sewage pumps house/ any other ancillary activities for the purpose /purposes of development work of sewerage system is not being suggested/advised by DJB as this is the responsibility of the layout plan/building plan approving authority. All such activities would be based on the approved layout /building plans under the provision of latest building bye-laws applicable in the Govt. of NCT of Delhi.
7. Environment clearance as applicable under the provisions of latest building Bye-laws and statutory provisions should be acquired by the Proponent/Developing Agency of the project from the appropriate authority /authorities like Central/State Environment Department/CPCB/DPCC etc. whichever is /are applicable.
8. The regulation of quality of Treated Effluent, its Standard, Operation and Maintenance of the STP/SPS/Sewerage system will be as per the guidelines/instructions of the Authority concerned and Proponent/Developing Agency of the project will be solely responsible for implementation of all such guidelines prescribed by the concerned Authority dealing with such regulations. Delhi Jal Board in any manner shall not be responsible for the violation of the regulations.



9. The construction/design/operation and maintenance of the STP/SPS /Sewerage system is the sole responsibility of the the Proponent /Developing Agency of the project.
10. The guidelines as of CPHEEO manual (of Department of Housing and Poverly Alleviation), relevant BIS codes, CPWD specifications and other standards and statutory provisions relevant to sewerage system would be binding on the Proponent /Developing Agency of the project.
11. Any building having up the consumption of water 12500 litre per day and above subsequent generation of 10,000 litre per day and above of sewage will make a provision of a recycling system of waste water for Horticulture and other non drinking purposes as per the provision of latest building Bye- laws and CPHEEO (Department of Housing and Poverty Alleviation, Govt. of India. The responsibility of operation and maintenance of STP/SPS etc. will lie with the proponent /Developing Agency/Occupier only.
12. If a recycling plant (Waste Water Treatment Plant) is provided in the premises as per condition no.11 above and bypass of sewage is observed into DJB sewerage system without prior intimation, penalty will be levied as per prevailing policy of DJB for their lapses from the proponent/ developeing agency/occupier.
13. Onus of integrating sewer connection with the existing internal/peripheral/trunk sewer of DJB either by gravity or through a pumping main in consultation with the Zonal authorities , lies with the proponent/ developeing agency/occupier. The applicant is advised to connect the sewer out fall of the premises, with DJB internal/peripheral/trunk line with the perimission of concerned EE(Maintenance), in order to eliminating the possibility of any back flow, in case of any surcharge of internal/peripheral/trunk line , under unavoidable circumstances.



EE(Planning)DR

GENERAL CONDITIONS TO BE FULFILLED REGARDING THE SEWERAGE SERVICES OF THE NEW COLONIES TO BE DEVELOPED:-

GENERAL: -

1. The concerned EE (DR) Maintenance shall be kept informed from the very start of the work and at every stage during the progress so that the inspection could be arranged. The sanctioned plans should be made available at site at the time of inspection.
2. The Colonizer/DDA/Society shall provide all reasonable facilities for the inspection of work during execution.
3. No line should be covered until 7 days clear notice for the same has been given.

SEWERAGE: -

1. Distance between manholes shall not exceed 20M centre to centre for sewers up to 400 mm dia 30M for sewers above 400 mm dia and these shall be so spaced that each facilitate discharge in the direction of flow. However the spacing shall not be more than 20M in case of internal sewer.
2. The manhole sizes will be as follows:
 - A. 3'-0" (0.91m) dia circular manholes with heavy covers for depth beyond 3'-0" (0.91m) up to 5'-6" (1.67m).
 - B. 4'-0" (1.22m) dia circular manhole with heavy covers for depths beyond 5'-6" (1.67m) and up to 7'-6" (2.29m).
 - C. 5'-0" (1.52m) dia circular manholes with heavy covers for depths beyond 7'-6" (2.29m) minimum internal dia of manhole shall be dia of pipe+2'-00" (0.61m).
3. All manholes will be plastered both inside and outside with CM(1.4) inside to be finished with floating coat of Neat cement and shall be provided with plastic encapsulated foot rests as per approved specifications of this department in place of C.I foot rests.
4. Extra excavation should be done under the joints for providing joints properly, so that there is no infiltration.
5. Concrete bedding shall be provided as per sewerage manual.



6. The minimum size of sewer shall be 250mm dia, irrespective at actual peak discharge.
7. When the sewer is to be laid under S.S. Water, 23cm thick stone soling is required under concrete bedding of required thickness under manhole and 15cm thick stone soling under concrete bedding of required thickness under sewer pipes.
8. In case I.L. of the sewer from a colony is higher by more than 60 cm than the I.L. of municipal sewer at connecting manholes, drop connection shall be provided as per C.P.W.D specification.
9. Crossing of Nallas etc. shall be done by C.I Pipe.
10. Heavy duty circular steel fiber reinforced concrete manhole frame and cover, 560 mm internal dia both weighing 182kg. to be tested as per I.S.1726(T) for heavy duty load shall be used.
11. The manhole covers shall have the following markings: -
 1. Sewer. H.D.
 2. Name of Department.
 3. Year of manufacturing.
 4. BIS/ISI marked.
12. Three sets of completion plans in ink with design calculations should be submitted to this office by the colonizer/agency while handing over the services of the society/area.
13. Entire work shall be carried out strictly as per CPWD and Municipal specifications whichever is applicable.
14. All corrections made on the plan and design calculations shall be strictly adhered to.
15. The reference benchmark shall tally with GTS benchmark.
16. The Owner shall take prior written permission from the SE, sewer maintenance of concerned zone for making connection of its sewerage system with peripheral/ trunk sewer.
17. No storm water drain shall be connected into the sewerage system.
18. The drop connection shall be provided at all the points where fall is more than 60 cms.


Ex. Engineer (Plg) DR