

Storm Water Drains



STORM WATER DRAINAGE

The existing drainage condition of Vriddhachalam Municipality consists of man – made drainage system (storm water open drains). man – made storm water drains are partly connected with Channels.

The present condition The existing storm water drains characterized by the low carrying capacity due to encroachments in the urban area, which reduces the regular flow and add constraint to the existing drainage system.

Municipal Storm Water Drainage System

Moreover, the Urban Local Body also provides pucca water drainage facility in the major portion of the town. The existing storm water drains mainly carry the wastewater disposal and in many places the storm water drains are functioning as wastewater drains, which create environmental problems and need regular maintenance by the ULB.

Total length of Storm water drains required as per norms 144.854 km

Length of existing Storm Water drains 61.750 km

Balance length of Storm Water drains 83.104 km

Total Road length 72.427 km

The observation relating to storm water drainage facility indicates inadequate planning and designing, as majority of the drains are provided in bits and pieces without any integration between the drains, this is due to the presence of scattered development and undulated terrain condition in Vriddhachalam town.