

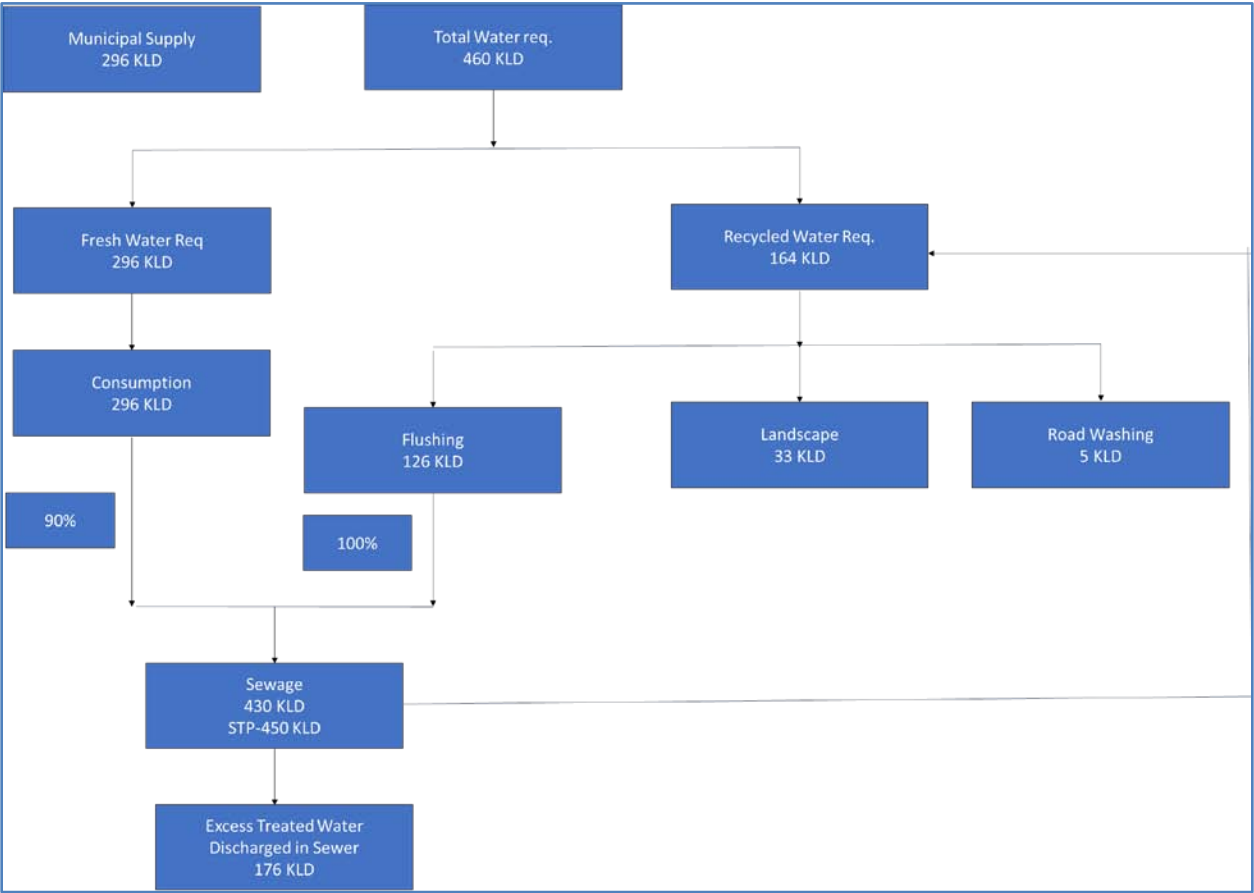


Figure3: Water Balance Diagram-Dry Season

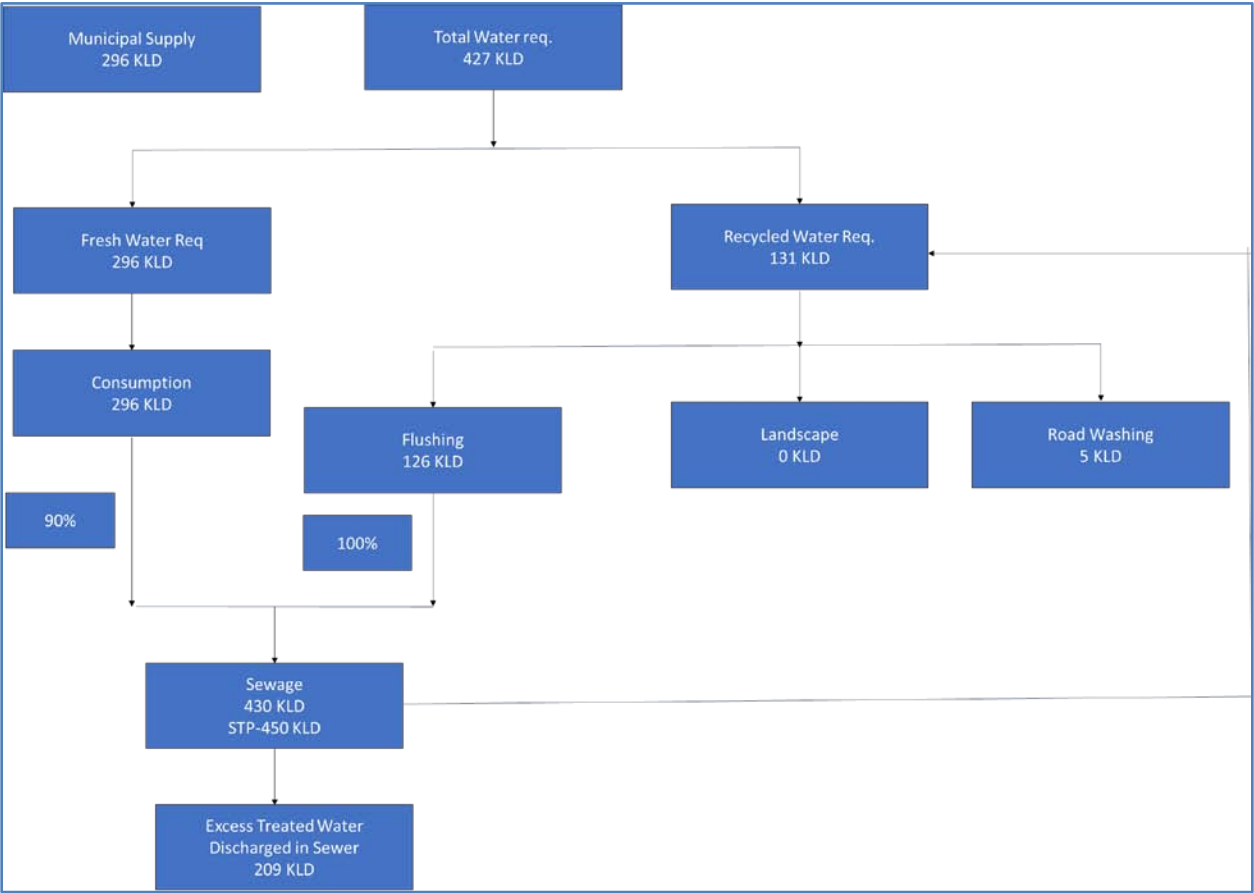


Figure 4: Water Balance Diagram-Monsoon Season

1.8 SEWAGE MANAGEMENT

STP of 450 KLD with MBBR technology is provided at the site. Detail of the treatment technology and sewerage system are given below

Sewerage System

An external sewage network shall collect the sewage from all units, and flow by gravity to the proposed sewage treatment plant.

Following are the benefits of providing the Sewage Treatment Plant in the present circumstances:

- Reduced net daily water requirements, source for Horticultural purposes by utilization of the treated waste water.
- Reduced dependence on the public utilities for water supply and sewerage systems.
- Sludge generated from the Sewage Treatment Plant shall be rich in organic content and an excellent fertilizer for horticultural purposes.

a. Wastewater Details

(a)	Daily load	:	450 KLD
(b)	Duration of flow to STP	:	24 hours
(c)	Temperature	:	Maximum 32°C