



Template for Evidence(s) UI GreenMetric Questionnaire

University : Bursa Uludag University
Country : Turkey
Web Address : <http://www.uludag.edu.tr/english/default>
Web Address for Sustainability Office: <https://uludag.edu.tr/sustainability>

[3] Waste (WS)

[3.6] Sewage Disposal



Example of Sewage Disposal (Bursa Uludag University, Turkey) : Wastewater treatment plant of the city that receives the sewage generated by Bursa Uludag University

Description:

East and West Wastewater Treatment Plants (WWTPs) are the two main treatment plants of Bursa city. Bursa Uludag University's sewage line is connected to the sewerage system of the West WWTP of the city. Bursa Water and Sewerage Administration (BUSKI) is responsible for the management of these facilities.

West WWTPs of the city of Bursa serve approximately 285 000 residents by treating 87 500 m³ wastewater daily. The plant was designed according to the modified five-stage Bardenpho process. The treatment process includes screening, grit removal, selector tank, and anaerobic–anoxic–aerobic–anoxic–aerobic tanks (a five-stage Bardenpho process) accompanied by a subsequent clarifier. The sludge treatment consists of sludge screening and homogenization followed by mechanical thickening and dewatering, and lime stabilization.