

SECTION 9 SEWER SERVICE CHARGES FROM SHEBOYGAN

The City of Sheboygan will charge the District for use of Sheboygan's regional wastewater collection and treatment facilities. Sewer service charges from Sheboygan will include operation and maintenance expenses and debt service costs. The charges will be based on the amount of wastewater volume and pollutant loadings discharged by the district.

Sheboygan's unit costs are multiplied by the estimated wastewater volume, and pounds of BOD, suspended solids, and phosphorus that the District will discharge to the Sheboygan facilities.

SECTION 10 EQUIVALENT HOUSING UNITS AND WASTEWATER CHARACTERISTICS

10.01 EQUIVALENT HOUSING UNIT (EHU) METHOD

The District uses the equivalent housing unit (EHU) method for assessing a fixed sewer service charge for low volume dischargers. The EHU methodology is based on a federal government study by the Farmers Home Administration (FmHA) that determined that the typical wastewater discharge for a single family housing unit averages 210 gallons per day. The EHU method is applied to all residential users, and to commercial users discharging not more than 2500 gallons per day.

Under the EHU method, unmetered sewer users are charged a fixed rate for sewer service based on their EHU rating. Low volume commercial businesses are assigned a number of EHU's based on their facilities classification.

High volume commercial sewer users (discharging more than 2,500 gallons per day) will be assessed a volume charge determined by metering the actual amount of discharge. They will also be assessed surcharges for biochemical oxygen demand (BOD) greater than 200 mg/l, suspended solids greater than 250 mg/l, and phosphorus concentrations greater than 10 mg/l. The surcharge rates equal the unit costs for BOD, suspended solids, and phosphorus.

10.02 WASTEWATER CHARACTERISTICS

All sewer users must be classified as either domestic strength wastewater dischargers or high strength wastewater dischargers. High strength dischargers are assessed a surcharge because it costs more to treat their wastewater.

Presently, all sewer users in the District discharge domestic strength wastewater. Domestic strength wastewater is defined as wastewater with pollutant concentrations of BOD no greater than 200 milligrams per liter (mg/l), suspended solids no greater than 250 mg/l, and phosphorus no greater than 10 mg/l.