

### Mean Annual Sewer Demands

Land Use	Average Dry Weather Flow Rates By Land Uses	Average Dry Weather Flow (gpd)	Peak Wet Weather Flow <sup>3/</sup> (gpd)
Multi Family Residential <i>112 Units</i>	180 gal/day/unit <sup>1/</sup>	20,160	80,640
Hotels (2) <i>150 Rooms Each, with 2 Guests per Room</i>	50 gal/day/person <sup>2/</sup>	30,000	120,000
Restaurants (2) <i>120 Patrons/Seats per Restaurant</i>	30 gal/day/seat <sup>2/</sup>	7,200	28,800
Small Businesses <i>Retail, Events Center, Museum Gross 39,600 Square Footage</i>	25 gal/day/1000 sf <sup>2/</sup>	990	3,960
TOTALS		58,350	233,400

Per EID Water, Sewer and Recycled Water - Design & Construction Standards: Sewer Design Standards

<sup>1/</sup> Section 3.2: Multi-Family Residential Developments Demand

<sup>2/</sup> Table 3-2: Flow rates by Land Use

<sup>3/</sup> Peak Flow Factor of 4 applied to ADWF