DRAINAGE SERVICES SANITARY & STORMWATER UTILITIES Collection **Transmission** Source Management Return low impact development (LID) best pratices Stormwater Trunks sewers connect Constructed wetlands help collection collection infrastructure to the remove over 20,000 tonnes infrastructure wetlands for treatment or of total suspended solids includes catch basins. directly to the North (TSS) each year before Stormwater stormdrains, manholes, Saskatchewan River discharging to the North and pumpwells. These river outfalls Saskatchewan elements connect all River customers to the stormwater trunk sewers C 5 0 Combined trunks transmit the flow of both sanitary and stormwater to the Gold Bar Wastewater Treatment Plant. During large storm events, some flows may discharge directly to flood prevention the river as combined sewer overflow best practices (CSO) Wastewater **EPCOR** Sanitary collection EPCOR's Gold Bar Wastewater Biosolids management include Sanitary trunks deliver infrastructure includes service wastewater directly to the Treatment Plant provides the interim storage. connections and local sanitary Gold Bar Wastewater enhanced primary (EPT),

Sanitary collection infrastructure includes servic connections and local sanitar sewers that connect all customers to trunk sewers.

Sanitary trunks deliver wastewater directly to the Gold Bar Wastewater Treatment Plant plant. On average, a wastewater trip from a typical Edmonton home takes 4-6 hours, and travels about 32 Km

Treatment Plant provides enhanced primary (EPT), secondary, and tertiary (UV) treatment to improve effluent quality. Annually, the plant treats nearly 100 Billion litres of flow

bosons management include the interim storage, dewatering, and beneficial use of biosolids from the Gold Bar Wastewater Treatment Plant and Alberta Capital Region Wastewater Commission's treatment plant