**DRAINAGE SERVICES SANITARY & STORMWATER UTILITIES**

**Source**
- Stormwater
  - Collection: Stormwater collection infrastructure includes catch basins, stormdrains, manholes, and pumpwells. These elements connect all customers to the stormwater trunk sewers.

**Collection**
- Stormwater
  - Low impact development (LID) best practices

**Transmission**
- Trunks sewers connect collection infrastructure to the wetlands for treatment or directly to the North Saskatchewan River.
- North Saskatchewan River
  - CSG
  - Constructed wetlands help remove over 20,000 tonnes of total suspended solids (TSS) each year before discharging to the river outfalls.

**Management**
- EPCOR
  - EPCOR’s Gold Bar Wastewater 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.

**Return**
- Biosolids 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.

**Sanitary**
- Wastewater
  - Collection: Sanitary collection infrastructure includes service connections and local sanitary sewers that connect all customers to trunk sewers.
  - Average, a wastewater trip from a typical Edmonton home takes 4-6 hours, and travels about 32 Km.