



The Sanitary Servicing Strategy Fund (SSSF) is used to construct the largest and deepest sewer pipes in Edmonton. It is funded through development fees and contributions from EPCOR. EPCOR builds the deep sewers as part of a larger sanitary system that manages waste water from Edmonton homes and businesses. Waste is carried to the Gold Bar Wastewater Treatment Plant and the Capital Region Wastewater Treatment Plant to be treated before being released back into the North Saskatchewan River. The collection and treatment of sewage and wastewater is vital to ensuring public health, clean water, and environmental protection.

**Continuing from 2022, the projects under construction in 2023 are:**

## **NORTH EDMONTON SANITARY TRUNK (NEST)**

### **Stage NC2/NC3**

This tunnel will increase wastewater capacity in north Edmonton. The project has two phases and phase 1 is already completed. Phase 2 is the construction of a 2400m tunnel parallel to 153 Avenue from Castle Downs Road to 88 Street. This project is commissioned in December 2022 and is intended to provide additional storage and regulate flows into the existing system. The surface restoration and demobilization will be completed in 2023.

## **SOUTH EDMONTON SANITARY SEWER SYSTEM (SESS)**

### **Stage SW4**

SW4 tunnel starts at Ellerslie Road and extends west toward Windermere Boulevard to funnel wastewater and improve rain storage for south Edmonton. The tunnel was completed in 2021 but a change was requested to reroute a portion of the existing force main to connect the Ambleside pump station to the upstream of the segment. This additional scope is expected to be completed by the end of 2023.

### **SW1 Pump Station Upgrade**

This pump station needed to be upgraded to handle increased wastewater flow from the SW trunk to serve the needs of a growing population. The project is completed in 2022.

### **Stage SA10a with Pump Station and Force Main**

During heavy rainfall, SA10a will provide storage capacity for the sanitary servicing needs of the industrial areas in Maple Ridge. The completed pump station and force main take stored sewage to the existing sewer by working together to “force” the flow through to the trunks when gravity alone is not sufficient. The tunnel is completed and put into service in 2022. Some outstanding landscaping and surface restoration work remains, which is expected to be completed by mid-2023.

### **SSSF Fund balance at the end of 2022: \$70.61 million**

For more detailed information on each project, background to the SSSF and specific project costs, please see the [SSSF 2022 Annual Report](#).