

## Main Sewage Pump Seal Water System Modification, MSPS

**Project Number:** 15-118-3M

**Service Area:** Stickney

**Location:** Mainstream Pumping Station

**Engineering Consultant:** In-house design

**General Contractor:** To be determined

**Estimated Construction Cost:** \$1,030,000.00

**Contract Award Date:** October 2016\*

**Substantial Completion Date:** April 2018\*



**Project Description:** Installation of three break tanks to provide a break between the city water and the service water systems. The service water system is used to feed the pump seals on the main pump floor at approximately 340 feet below grade. The project will install the piping, valving, electrical conduits and wiring for power and controls along with the tanks and pumping equipment required to provide an air gap separation for the North and South Pump Houses and in the Gate House Control Building.

Paint all piping that was previously city water and is now service water to identify the water system as non-potable. Insulation and pipe painting will be performed in accordance with District standards.

Install vacuum breaker on a slop sink at grade level just outside of the North Pump House receiving room.

**Project Justification:** This project is being performed to update the city water system to the latest Illinois plumbing code.

**Project Status:** To be advertised in July 2016.

\*Information shown is estimated.