

Minneapolis Interceptor System Rehabilitation: Program 8076

Description:

This project consists of the rehabilitation of portions of Mpls Interceptors 1-MN-300, 302, 310, 311, 312, 313, 314, 330, 341, 342, 343, and 344. It also includes the rehabilitation of the maintenance access structures (manholes) throughout the interceptor system in Minneapolis. The project addresses pipe corrosion, clay pipe failures, and infiltration/inflow sources. The project also includes the needed improvements to the Minneapolis relief structure including renovations of relief structures R06, R10, and R12; the replacement of R04 and R08. Odor control facilities will be added to relief structures R04, R06, R08, R10, and other areas as needed. Minneapolis deep interceptor sluice gates and access improvements, and the lining of the Lake Street gravity sewer river crossing are also included in the project.

Purpose and Justification:

Interceptor inspections and condition assessment show the need for interceptor rehabilitation in Metropolitan Council Environmental Services' (MCES') interceptors in Minneapolis. The objective of the project is to maintain and improve the integrity of MCES' facilities, minimize overflows and flow blockages that could pose a threat to public safety and health and the environment, reduce infiltration and inflow into MCES interceptors, and improve system reliability.

Current Minneapolis Interceptor System Rehabilitation Projects:

Project Title	Project ID
Mpls. Relief Structures R08 and Demolition of R05	807627
Interceptor 1-MN-344 Tunnel and Relief structure R04	807629
Blue Line LRT Impacts	807636
Plymouth Forcemain System Odor Control Facility	807637
Maintenance Access Structures	807640
Mpls. Deep Tunnel Access and Cleaning	807642
MEI Sluice Gates and Stop log Renewal	807643
Mpls. 1-MN-330 and 1-MN-341 Access Improvements	807645
Mpls. Joint Sewer Study – South Portion	807650
Mpls. Interceptor 1-MN-310 Sandstone Tunnel Improvements Phase 1	807665
Mpls. Interceptor odor control study – Phase 1	807670