

# 805253 - Sewer Emergency Repair and Replacement

<b>Originating Year:</b>	2000	<b>Project Type:</b>	Wastewater	<b>Department:</b>	270 - Environmental Services
<b>Planned Completion Year:</b>	Ongoing	<b>Category:</b>	Infrastructure	<b>Project Manager:</b>	Winola Cheong

## Project Description/Scope/Purpose

This project funds emergency repairs to the sanitary sewer system and associated appurtenances and equipment to assure consistent operation and serviceability. Examples of work completed under this project include repairs to manholes, small spot or main line segment repairs, repairs or replacement of failed sewer laterals, pump replacement, and CCTV camera repairs.

This project is differentiated from other sewer main replacement projects by its intent to respond to unplanned or emergency needs that may come up during a year, whereas other replacement projects will be planned, designed, and involve sizeable contracts. This project will fund unanticipated issues that require a rapid response for continued sewer system reliability.

## Project Evaluation and Analysis

The alternative is not to fund this project and delay the needed repairs until funds are requested and approved by Council on a case by case basis. These repairs are of an urgent nature most of the time, and delay could result in adverse effects for public health and the environment should overflows occur. The City could also be subject to penalties and fines from regulatory agencies should sewage discharges occur as result of deferring an emergency repair. Delaying can also result in higher repair costs.

## Fiscal Impact

Repairs typically range from \$15,000 for a spot repair to over \$100,000 for sewer repairs on a major thoroughfare. The requested increase in annual budget over the next two years will provide the necessary funds for emergency repairs.

## Funding Sources

Wastewater Management Fund

## Plans and Goals

EM - Environmental Management - EM-6: Effective Wastewater Collection System

EM - Environmental Management - EM-5: Minimal Pollution and Quantity of Wastewater

## Project Financial Summary

	Project Costs	Revenues	Operating Costs
Prior Actual	2,254,321	-	-
2023-24	895,739	-	-
2024-25	926,918	-	-
2025-26	225,000	-	-
2026-27	225,000	-	-
2027-28	225,000	-	-
2028-29	225,000	-	-
2029-30	225,000	-	-
2030-31	225,000	-	-
2031-32	225,000	-	-
2032-33	225,000	-	-
2033-34	225,000	-	-
2034-35	217,651	-	-
2035-36	217,357	-	-
2036-37	217,052	-	-
2037-38	216,733	-	-
2038-39	216,403	-	-
2039-40	223,521	-	-
2040-41	232,462	-	-
2041-42	241,760	-	-
2042-43	251,430	-	-
2043-44	-	-	-
<b>20 Year Total</b>	<b>4,986,288</b>	-	-
<b>Grand Total</b>	<b>8,136,348</b>	-	-