

**ATTACHMENT C:**

**CAPITAL IMPROVEMENT PLAN (CIP) BUDGET**

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## 87-920-766 - SCADA SYSTEM UPGRADES

### PROJECT DESCRIPTION AND OPERATING IMPACT:

The replacement by upgrading software, parts, and technology to the sanitation Supervisory Control and Data Acquisition (SCADA) System. The additional capabilities will allow staff to perform at an increasingly higher level and allow for more process control reducing operating costs.

### PROJECT JUSTIFICATION:

The existing SCADA System is an antiquated proprietary system that is at the end of its useful life. HSQ, the proprietary system owner, has not provided adequate service, the system has failed multiple times, and is increasingly less reliable. Staff is proposing to look into a parallel system that is compatible with the existing but has many other upgraded components. This will provide flexibility and a foundation for acquiring a new SCADA system over time.

87-920-766 - SCADA SYSTEM UPGRADES		< ENTER PROJECT NAME HERE											
	PRIOR YEARS	ADJUSTMENTS	2025E	2026E	2027E	2028E	2029E	2030E	2031E	2032E	2033E	2034E	TOTAL
<b>PROJECT EXPENDITURES:</b>													
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-	-	
IN-HOUSE SRV CHG DESIGN													
CONTRACTUAL SERVICES DESIGN													
ADMINISTRATION DESIGN													
<b>2-CONSTRUCTION</b>	<b>100,000</b>	-	-	-	-	-	-	-	-	-	-	<b>100,000</b>	
IN-HOUSE SRV CHG CONSTRUCTION													
CONTRACTUAL SERVICES CONSTRUCTION	100,000	-											
ADMINISTRATION CONSTRUCTION													
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-	-	
EQUIPMENT													
<b>4-OTHER USES</b>													
<b>TOTAL PROJECT EXPENDITURES</b>	<b>100,000</b>	-	-	-	-	-	-	-	-	-	-	<b>100,000</b>	
<b>REVENUE SOURCES:</b>													
SANITATION DISTRICT	100,000	-	-										
<b>OTHER SOURCES</b>													
<b>TOTAL PROJECT REVENUES</b>	<b>100,000</b>	-	-	-	-	-	-	-	-	-	-	<b>100,000</b>	
<b>IMPACT ON OPERATING BUDGET</b>													
PERSONNEL													
OPERATING & MAINTENANCE													
OTHER													
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-	-	

## 87-920-802 - SEWER LIFT STATION REHAB/REPLACEMENT

### PROJECT DESCRIPTION AND OPERATING IMPACT:

This is a repair and replacement program intended to provide funds for the rehabilitation of the five District Sewage Lift Stations. In order to maintain our discharge requirements all of the lift station equipment must be in proper operating condition. This ongoing project is for the replacement or rehabilitation of this equipment and facilities. The addresses of the Lift Stations are 55 Belcrest Ave, 301 F Street, 72 El Portal Way, 370 Hickey, and 1399 Skyline Drive. The specific projects for this CIP are: (1) Replace another bank of pumps and motors at Skyline LS and Belcrest LS at \$100,000, (2) Replace misc. mechanical equipment at Colma LS at \$50,000, (3) Replace electrical equipment at Colma LS at \$50,000, (4) Replace instrumentation at \$50,000. (5) Purchase one portable generator at \$150,000.

### PROJECT JUSTIFICATION:

Due to age and the corrosive atmosphere of the stations, the life expectancy of mechanical, plumbing, electrical, and building infrastructure is accelerated.

-920-802 - SEWER LIFT STATION REHAB/REPLACEMENT		< ENTER PROJECT NAME HERE												
		PRIOR YEARS	ADJUSTMENTS	2025E	2026E	2027E	2028E	2029E	2030E	2031E	2032E	2033E	2034E	TOTAL
<b>PROJECT EXPENDITURES:</b>														
<b>1-DESIGN</b>		-	-	-	-	-	-	-	-	-	-	-	-	
IN-HOUSE SRV CHG DESIGN														
CONTRACTUAL SERVICES DESIGN														
ADMINISTRATION DESIGN														
<b>2-CONSTRUCTION</b>		150,000	-	400,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,900,000
IN-HOUSE SRV CHG CONSTRUCTION														
CONTRACTUAL SERVICES CONSTRUCTION														
ADMINISTRATION CONSTRUCTION														
<b>3-EQUIPMENT</b>		-	-	-	-	-	-	-	-	-	-	-	-	
EQUIPMENT														
<b>4-OTHER USES</b>														
<b>TOTAL PROJECT EXPENDITURES</b>		150,000	-	400,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,900,000
<b>REVENUE SOURCES:</b>														
SANITATION DISTRICT		150,000		400,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,900,000
														-
														-
														-
<b>OTHER SOURCES</b>														-
<b>TOTAL PROJECT REVENUES</b>		150,000	-	400,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,900,000
<b>IMPACT ON OPERATING BUDGET</b>														
PERSONNEL														-
OPERATING & MAINTENANCE														-
OTHER														-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>		-	-	-	-	-	-	-	-	-	-	-	-	-

## 87-920-801 - SEWER MAIN REHABILITATION/IMPROVEMENTS

### PROJECT DESCRIPTION AND OPERATING IMPACT:

This Capital Project funds emergency repairs to the wastewater collection system. A typical project involves excavating a pipeline under a street or in a backyard and replacing in kind.

### PROJECT JUSTIFICATION:

These projects require immediate replacement to protect public health because of unforeseen structural damage to the pipeline.

### 20-801 - SEWER MAIN REHABILITATION/IMPROVEMENTS

*< ENTER PROJECT NAME HERE*

	PRIOR YEARS	ADJUSTMENTS	2025E	2026E	2027E	2028E	2029E	2030E	2031E	2032E	2033E	2034E	TOTAL
<b>PROJECT EXPENDITURES:</b>													
<b>1-DESIGN</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
IN-HOUSE SRV CHG DESIGN													
CONTRACTUAL SERVICES DESIGN													
ADMINISTRATION DESIGN													
<b>2-CONSTRUCTION</b>	<b>200,000</b>	-	<b>200,000</b>	-	-	-	-	-	-	-	-	-	<b>400,000</b>
IN-HOUSE SRV CHG CONSTRUCTION													
CONTRACTUAL SERVICES CONSTRUCTION			200,000		200,000								
ADMINISTRATION CONSTRUCTION													
<b>3-EQUIPMENT</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
EQUIPMENT													
<b>4-OTHER USES</b>													-
<b>TOTAL PROJECT EXPENDITURES</b>	<b>200,000</b>	-	<b>200,000</b>	-	-	-	-	-	-	-	-	-	<b>400,000</b>
<b>REVENUE SOURCES:</b>													
SANITATION DISTRICT	200,000		200,000										400,000
													-
													-
													-
<b>OTHER SOURCES</b>													-
<b>TOTAL PROJECT REVENUES</b>	<b>200,000</b>	-	<b>200,000</b>	-	-	-	-	-	-	-	-	-	<b>400,000</b>
<b>IMPACT ON OPERATING BUDGET</b>													
PERSONNEL													
OPERATING & MAINTENANCE													
OTHER													
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	-	-	-	-	-	-	-	-	-	-	-	-	-

## 87-920-943 - SSMP/MASTER PLAN - SYSTEM IMPROVEMENTS

### PROJECT DESCRIPTION AND OPERATING IMPACT:

Wastewater Collection System Master Plan identifies replacement of high risk pipelines. Fiscal Year 2025E fund the design of approximately 8,000 linear feet of pipeline (\$200,000), and in Fiscal Year 2026E will start construction. In Fiscal Year 2025E this Capital Project also funds the design of the next high risk pipelines of approximately 4,000 linear feet.

### PROJECT JUSTIFICATION:

Working with engineering consultants and through the Collection System Master Plan, staff identified a number of high risk pipelines that need replacement over the next 10 years.

20-943 - SSMP/MASTER PLAN - SYSTEM IMPROVEMENTS		< ENTER PROJECT NAME HERE											
	PRIOR YEARS	ADJUSTMENTS	2025E	2026E	2027E	2028E	2029E	2030E	2031E	2032E	2033E	2034E	TOTAL
<b>PROJECT EXPENDITURES:</b>													
1-DESIGN	200,000	-	200,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	4,900,000
IN-HOUSE SRV CHG DESIGN													
CONTRACTUAL SERVICES DESIGN	200,000		200,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	
ADMINISTRATION DESIGN													
2-CONSTRUCTION	-	-	-	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	18,000,000
IN-HOUSE SRV CHG CONSTRUCTION													
CONTRACTUAL SERVICES CONSTRUCTION				2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	
ADMINISTRATION CONSTRUCTION													
3-EQUIPMENT	-	-	-	-	-	-	-	-	-	-	-	-	
EQUIPMENT													
4-OTHER USES													
<b>TOTAL PROJECT EXPENDITURES</b>	<b>200,000</b>	<b>-</b>	<b>200,000</b>	<b>2,500,000</b>	<b>22,900,000</b>								
<b>REVENUE SOURCES:</b>													
SANITATION DISTRICT	200,000		200,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	22,900,000
													-
													-
													-
													-
<b>OTHER SOURCES</b>													
<b>TOTAL PROJECT REVENUES</b>	<b>200,000</b>	<b>-</b>	<b>200,000</b>	<b>2,500,000</b>	<b>22,900,000</b>								
<b>IMPACT ON OPERATING BUDGET</b>													
PERSONNEL													-
OPERATING & MAINTENANCE													-
OTHER													-
<b>TOTAL IMPACT ON OPERATING BUDGET</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	