

	Carry Forward	FY 2019
Revenue Sources		
Capital PAY GO	231,688,508	73,750,000
Sewer Revenue Bonds	37,685,402	0
Federal Grants CIP	1,000,000	0
Local Other CIP	908,192	0
Total Revenues	<u>271,282,102</u>	<u>73,750,000</u>

Expenditure Types		
Engineering - Architecture	209,663,606	36,400,000
Land Acquisition	839,811	1,100,000
Furniture, Fixture & Equipment	600,000	850,000
Information Technology	0	900,000
Contract Construction	60,178,685	34,500,000
Total Expenditures	<u>271,282,102</u>	<u>73,750,000</u>

CIP SUMMARY BY PROJECT

SEWER FUND

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
Capital PAY GO	231,688,508	73,750,000	47,250,000	40,450,000	35,200,000	34,700,000	463,038,508
Sewer Revenue Bonds	37,685,402	0	0	0	0	0	37,685,402
Federal Grants CIP	1,000,000	0	0	0	0	0	1,000,000
Local Other CIP	908,192	0	0	0	0	0	908,192
Total Revenues	271,282,102	73,750,000	47,250,000	40,450,000	35,200,000	34,700,000	502,632,102
Expenditure Types							
Engineering - Architecture	209,663,606	36,400,000	35,700,000	30,700,000	25,700,000	25,700,000	363,863,606
Land Acquisition	839,811	1,100,000	350,000	250,000	0	0	2,539,811
Furniture, Fixture & Equipment	600,000	850,000	200,000	0	0	0	1,650,000
Information Technology	0	900,000	0	0	0	0	900,000
Contract Construction	60,178,685	34,500,000	11,000,000	9,500,000	9,500,000	9,000,000	133,678,685
Total Expenditures	271,282,102	73,750,000	47,250,000	40,450,000	35,200,000	34,700,000	502,632,102



CIP SUMMARY BY PROJECT

SEWER FUND

Reference Number	Project Number	Project Name	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
		FY19 Misc Sub Outfall							
1	SW19100	Cover Line	0	2,650,000	2,000,000	200,000	200,000	200,000	5,250,000
		FY19 Rehab Existing Sewer							
2	SW19200	Cover Line	0	29,750,000	9,750,000	9,750,000	9,500,000	9,500,000	68,250,000
		FY19 Svc Unsewered Area							
3	SW19300	Cover Line	0	1,850,000	0	0	0	0	1,850,000
		Sewer Assessment &							
4	SW05001	Rehab	76,958,409	15,000,000	15,000,000	20,000,000	25,000,000	25,000,000	176,958,409
5	SW04007	Environmental Maint Reloc	10,239,811	450,000	0	0	0	0	10,689,811
6	SW02033	South Plant Expansion	134,313,262	24,050,000	20,000,000	10,000,000	0	0	188,363,262
7	SW02006	Sludge Disp/Earth Complex	7,050,266	0	500,000	500,000	500,000	0	8,550,266
8	SW04009	Stiles Plant Modification	12,832,538	0	0	0	0	0	12,832,538
9	SW02011	Covered Anaerobic Lagoon	29,887,816	0	0	0	0	0	29,887,816
		Total	271,282,102	73,750,000	47,250,000	40,450,000	35,200,000	34,700,000	502,632,102



CIP 2019 DETAIL BY PROJECT

SEWER FUND

Project Name FY19 Misc Sub Outfalls Cover
Project Number SW19100
Reference Number 1

Project Description / Justification:

This project provides funding to connect new subdivisions to the City's sewer system within the City's annexation area. FY2019 will be funded by Capital Pay Go-Sewer.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
Capital PAY GO	0	2,650,000
Total Revenues	0	2,650,000
Expenditure Types		
Engineering-Architecture	0	200,000
Land Acquisition	0	200,000
Furniture, Fixture, & Equipment	0	250,000
Contract Construction	0	2,000,000
Total Expenditures	0	2,650,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
Capital PAY GO	0	2,650,000	2,000,000	200,000	200,000	200,000	5,250,000
Total Revenues	0	2,650,000	2,000,000	200,000	200,000	200,000	5,250,000
Expenditure Types							
Engineering-Architecture	0	200,000	200,000	200,000	200,000	200,000	1,000,000
Land Acquisition	0	200,000	100,000	0	0	0	300,000
Furniture, Fixture, & Equipment	0	250,000	200,000	0	0	0	450,000
Contract Construction	0	2,000,000	1,500,000	0	0	0	3,500,000
Total Expenditures	0	2,650,000	2,000,000	200,000	200,000	200,000	5,250,000



Project Name FY19 Rehab Exist Sewer Cover

Project Number SW19200

Reference Number 2

Project Description / Justification:

This project provides funding for the repair, rehabilitation or replacement of portions of the existing sewer collection and treatment system as needed. FY2019 will be funded by Capital Pay Go-Sewer.

Operating Budget Impact:

None.

Project Detail - Current Year

	<u>Carry Forward</u>	<u>FY 2019</u>
Revenue Sources		
Capital PAY GO	0	29,750,000
Total Revenues	0	29,750,000
Expenditure Types		
Engineering-Architecture	0	1,000,000
Land Acquisition	0	750,000
Contract Construction	0	28,000,000
Total Expenditures	0	29,750,000

Project Detail - 5 Year Summary

	<u>Carry Forward</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>Total</u>
Revenue Sources							
Capital PAY GO	0	29,750,000	9,750,000	9,750,000	9,500,000	9,500,000	68,250,000
Total Revenues	0	29,750,000	9,750,000	9,750,000	9,500,000	9,500,000	68,250,000
Expenditure Types							
Engineering-Architecture	0	1,000,000	500,000	500,000	500,000	500,000	3,000,000
Land Acquisition	0	750,000	250,000	250,000	0	0	1,250,000
Contract Construction	0	28,000,000	9,000,000	9,000,000	9,000,000	9,000,000	64,000,000
Total Expenditures	0	29,750,000	9,750,000	9,750,000	9,500,000	9,500,000	68,250,000



CIP 2019 DETAIL BY PROJECT

SEWER FUND

Project Name FY19 Svc Unsewered Area Coverline
Project Number SW19300
Reference Number 3

Project Description / Justification:

This project provides funding for extending sewer service to areas of the City which do not presently have sewers. The City pays the total cost of the projects. FY2019 will be funded by Capital Pay Go-Sewer.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
Capital PAY GO	0	1,850,000
Total Revenues	0	1,850,000
Expenditure Types		
Engineering-Architecture	0	200,000
Land Acquisition	0	150,000
Contract Construction	0	1,500,000
Total Expenditures	0	1,850,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
Capital PAY GO	0	1,850,000	0	0	0	0	1,850,000
Total Revenues	0	1,850,000	0	0	0	0	1,850,000
Expenditure Types							
Engineering-Architecture	0	200,000	0	0	0	0	200,000
Land Acquisition	0	150,000	0	0	0	0	150,000
Contract Construction	0	1,500,000	0	0	0	0	1,500,000
Total Expenditures	0	1,850,000	0	0	0	0	1,850,000



CIP 2019 DETAIL BY PROJECT

SEWER FUND

Project Name Sewer Assessment and Rehab
Project Number SW05001
Reference Number 4

Project Description / Justification:

This project will fund a service area wide sanitary sewer condition assessment and rehabilitation program in response to State/Federal mandates. Funding will be from Tennessee State Revolving Loan Fund and Capital Pay Go- Sewer. Any carry forward dollars to be used for FY19 will be funded by Tennessee State Revolving Loan Fund and Capital Pay Go- Sewer.

Operating Budget Impact:

None

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
Capital PAY GO	76,958,409	15,000,000
Total Revenues	76,958,409	15,000,000
Expenditure Types		
Engineering - Architecture	70,958,409	15,000,000
Construction	6,000,000	0
Total Expenditures	76,958,409	15,000,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
Capital PAY GO	76,958,409	15,000,000	15,000,000	20,000,000	25,000,000	25,000,000	176,958,409
Total Revenues	76,958,409	15,000,000	15,000,000	20,000,000	25,000,000	25,000,000	176,958,409
Expenditure Types							
Engineering - Architecture	70,958,409	15,000,000	15,000,000	20,000,000	25,000,000	25,000,000	170,958,409
Construction	6,000,000	0	0	0	0	0	6,000,000
Total Expenditures	76,958,409	15,000,000	15,000,000	20,000,000	25,000,000	25,000,000	176,958,409



CIP 2019 DETAIL BY PROJECT

SEWER FUND

Project Name Environmental Maint Relocation
Project Number SW04007
Reference Number 5

Project Description / Justification:

This project carries forward the FY2018 allocation of funds to relocate the Environmental Maintenance service center and its ancillary operations. Any carry forward dollars to be used for FY19 will be funded by Capital Pay GO- Sewer.

Operating Budget Impact:

None

Project Detail - Current Year

	Carry Forward	FY 2019
Revenue Sources		
Capital PAY GO	10,239,811	450,000
Total Revenues	10,239,811	450,000
Expenditure Types		
Engineering - Architecture	800,000	0
Land Acquisition	839,811	0
Furniture, Fixture & Equipment	600,000	0
Information Technology	0	450,000
Construction	8,000,000	0
Total Expenditures	10,239,811	450,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
Capital PAY GO	10,239,811	450,000	0	0	0	0	10,689,811
Total Revenues	10,239,811	450,000	0	0	0	0	10,689,811
Expenditure Types							
Engineering - Architecture	800,000	0	0	0	0	0	800,000
Land Acquisition	839,811	0	0	0	0	0	839,811
Furniture, Fixture & Equipment	600,000	0	0	0	0	0	600,000
Information Technology	0	450,000	0	0	0	0	450,000
Construction	8,000,000	0	0	0	0	0	8,000,000
Total Expenditures	10,239,811	450,000	0	0	0	0	10,689,811



CIP 2019 DETAIL BY PROJECT

SEWER FUND

Project Name South Plant Expansion

Project Number SW02033

Reference Number 6

Project Description / Justification:

This project provides funding for the construction of additional primary clarifiers, blowers, ABF Towers, and additional ancillary structures/facilities as needed to meet Federal and State requirements.

Operating Budget Impact:

None

	Carry Forward	FY 2019
Revenue Sources		
Capital PAY GO	117,493,300	24,050,000
Sewer Revenue Bonds	16,819,962	0
Total Revenues	134,313,262	24,050,000

Expenditure Types		
Engineering - Architecture	131,108,500	20,000,000
Land Acquisition	0	0
Furniture, Fixture & Equipment	0	600,000
Information Technology	0	450,000
Construction	3,204,762	3,000,000
Total Expenditures	134,313,262	24,050,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
Capital PAY GO	117,493,300	24,050,000	20,000,000	10,000,000	0	0	171,543,300
Sewer Revenue Bonds	16,819,962	0	0	0	0	0	16,819,962
Total Revenues	134,313,262	24,050,000	20,000,000	10,000,000	0	0	188,363,262
Expenditure Types							
Engineering - Architecture	131,108,500	20,000,000	20,000,000	10,000,000	0	0	181,108,500
Furniture, Fixture & Equipment	0	600,000	0	0	0	0	600,000
Information Technology	0	450,000	0	0	0	0	450,000
Construction	3,204,762	3,000,000	0	0	0	0	6,204,762
Total Expenditures	134,313,262	24,050,000	20,000,000	10,000,000	0	0	188,363,262



CIP 2019 DETAIL BY PROJECT

SEWER FUND

Project Name Sludge Disp/Earth Complex
Project Number SW02006
Reference Number 7

Project Description / Justification:

This project will provide funds for the sludge disposal equipment and support facilities to prepare sludge for disposal at the Earth Complex and/or the Maxson Waste Water Treatment Plant.

Operating Budget Impact:

None

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
Capital PAY GO	200,000	0	500,000	500,000	500,000	0	1,700,000
Sewer Revenue Bonds	5,942,074	0	0	0	0	0	5,942,074
Local Other Grant Revenue	908,192	0	0	0	0	0	908,192
Total Revenues	7,050,266	0	500,000	500,000	500,000	0	8,550,266
Expenditure Types							
Engineering - Architecture	1,297,167	0	0	0	0	0	1,297,167
Construction	5,753,099	0	500,000	500,000	500,000	0	7,253,099
Total Expenditures	7,050,266	0	500,000	500,000	500,000	0	8,550,266



CIP 2019 DETAIL BY PROJECT

SEWER FUND

Project Name Stiles Plant Modification
Project Number SW04009
Reference Number 8

Project Description / Justification:

This project will provide funds for the construction of additional treatment facilities, modifications of existing treatment facilities, and ancillary structures/facilities as needed to meet Federal/State requirement.

Operating Budget Impact:
 None

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
Capital PAY GO	5,996,988	0	0	0	0	0	5,996,988
Sewer Revenue Bonds	6,835,550	0	0	0	0	0	6,835,550
Total Revenues	12,832,538	0	0	0	0	0	12,832,538
Expenditure Types							
Engineering - Architecture	3,400,000	0	0	0	0	0	3,400,000
Construction	9,432,538	0	0	0	0	0	9,432,538
Total Expenditures	12,832,538	0	0	0	0	0	12,832,538



CIP 2019 DETAIL BY PROJECT

SEWER FUND

Project Name Covered Anaerobic Lagoon

Project Number SW02011

Reference Number 9

Project Description / Justification:

This project will provide funds for covering the remaining anaerobic sludge lagoons at wastewater treatment plants, expanding/renovating the existing dewatering/sludge handling facilities, and upgrading the maintenance facilities. These upgrades are in response to Federal/State mandates.

Operating Budget Impact:

None

Project Detail - 5 Year Summary

	Carry Forward	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Revenue Sources							
Capital PAY GO	20,800,000	0	0	0	0	0	20,800,000
Sewer Revenue Bonds	8,087,816	0	0	0	0	0	8,087,816
Federal Grants Other	1,000,000	0	0	0	0	0	1,000,000
Total Revenues	29,887,816	0	0	0	0	0	29,887,816
Expenditure Types							
Engineering - Architecture	2,099,530	0	0	0	0	0	2,099,530
Construction	27,788,286	0	0	0	0	0	27,788,286
Total Expenditures	29,887,816	0	0	0	0	0	29,887,816

