

	Carry Forward	FY 2018
Revenue Sources		
Sewer Revenue Bonds	16,819,962	0
Federal Grants CIP	14,000,000	0
Capital PAY GO	235,380,832	59,100,000
Total Revenues	266,200,794	59,100,000
Expenditure Types		
Engineering - Architecture	184,663,606	26,450,000
Land Acquisition	839,811	900,000
Land Development	0	250,000
Furniture, Fixtures & Equipment	600,000	0
Contract Construction	80,097,377	31,500,000
Total Expenditures	266,200,794	59,100,000

CIP 2018 DIVISION SUMMARY

SEWER FUND

	Carry Forward	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total
Revenue Sources							
Capital PAY GO	235,380,832	59,100,000	37,900,000	38,880,000	42,880,000	41,380,000	455,520,832
Sewer Revenue Bonds	16,819,962	0	0	0	0	0	16,819,962
Federal Grants CIP	14,000,000	0	0	0	0	0	14,000,000
Total Revenues	266,200,794	59,100,000	37,900,000	38,880,000	42,880,000	41,380,000	486,340,794
Expenditure Types							
Engineering - Architecture	184,663,606	26,450,000	20,850,000	21,350,000	26,350,000	26,350,000	306,013,606
Land Acquisition	839,811	900,000	300,000	280,000	280,000	280,000	2,879,811
Land Development	0	250,000	250,000	250,000	250,000	250,000	1,250,000
Furniture, Fixture & Equipment	600,000	0	0	0	0	0	600,000
Contract Construction	80,097,377	31,500,000	16,500,000	17,000,000	16,000,000	14,500,000	175,597,377
Total Expenditures	266,200,794	59,100,000	37,900,000	38,880,000	42,880,000	41,380,000	486,340,794



CIP SUMMARY BY PROJECT

SEWER FUND

Reference Number	Project Number	Project Name	Carry Forward	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total
FY18 Misc Sub Outfalls									
1	SW18100	Cover	0	2,750,000	1,750,000	1,750,000	1,750,000	1,750,000	9,750,000
FY18 Rehab Exist Sewer									
2	SW18200	Cover	0	27,500,000	10,500,000	10,500,000	10,500,000	10,500,000	69,500,000
FY18 Svc Unsewered									
3	SW18300	Coverline	0	1,850,000	1,150,000	630,000	630,000	630,000	4,890,000
4	SW04009	Stiles Plant Modification	19,751,230	0	2,000,000	2,000,000	2,000,000	2,000,000	27,751,230
Sewer Assessment and									
5	SW05001	Rehab	61,958,409	15,000,000	15,000,000	20,000,000	25,000,000	25,000,000	161,958,409
6	SW02006	Sludge Disp/Earth Complex	7,050,266	0	500,000	500,000	500,000	0	8,550,266
7	SW02011	Covered Anaerobic Lagoon	42,887,816	0	0	1,000,000	1,000,000	1,000,000	45,887,816
8	SW02033	South Plant Expansion	124,313,262	12,000,000	7,000,000	2,500,000	1,500,000	500,000	147,813,262
Environmental Maint									
9	SW04007	Relocation	10,239,811	0	0	0	0	0	10,239,811
Total			266,200,794	59,100,000	37,900,000	38,880,000	42,880,000	41,380,000	486,340,794



CIP 2018 DETAIL BY PROJECT

SEWER FUND

Project Name FY18 Misc Sub Outfalls Cover
Project Number SW18100
Reference Number 1

Project Description / Justification:

This project provides funds to connect new subdivisions to the City's sewer system within the City's annexation area. FY2018 will be funded by Capital Pay Go-Sewer.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2018
Revenue Sources		
Capital PAY GO	0	2,750,000
Total Revenues	0	2,750,000
Expenditure Types		
Engineering - Architecture	0	250,000
Land Acquisition	0	250,000
Land Development	0	250,000
Contract Construction	0	2,000,000
Total Expenditures	0	2,750,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total
Revenue Sources							
Capital PAY GO	0	2,750,000	1,750,000	1,750,000	1,750,000	1,750,000	9,750,000
Total Revenues	0	2,750,000	1,750,000	1,750,000	1,750,000	1,750,000	9,750,000
Expenditure Types							
Engineering - Architecture	0	250,000	250,000	250,000	250,000	250,000	1,250,000
Land Acquisition	0	250,000	250,000	250,000	250,000	250,000	1,250,000
Land Development	0	250,000	250,000	250,000	250,000	250,000	1,250,000
Contract Construction	0	2,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,000,000
Total Expenditures	0	2,750,000	1,750,000	1,750,000	1,750,000	1,750,000	9,750,000



CIP 2018 DETAIL BY PROJECT

SEWER FUND

Project Name FY18 Rehab Exist Sewer Cover
Project Number SW18200
Reference Number 2

Project Description / Justification:

This project provides funds for the repair, rehabilitation or replacement of portions of the existing sewer collection and treatment system as needed. FY2018 will be funded by Capital Pay Go-Sewer.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2018
Revenue Sources		
Capital PAY GO	0	27,500,000
Total Revenues	0	27,500,000
Expenditure Types		
Engineering - Architecture	0	1,000,000
Land Acquisition	0	500,000
Contract Construction	0	26,000,000
Total Expenditures	0	27,500,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total
Revenue Sources							
Capital PAY GO	0	27,500,000	10,500,000	10,500,000	10,500,000	10,500,000	69,500,000
Total Revenues	0	27,500,000	10,500,000	10,500,000	10,500,000	10,500,000	69,500,000
Expenditure Types							
Engineering - Architecture	0	1,000,000	500,000	500,000	500,000	500,000	3,000,000
Land Acquisition	0	500,000	0	0	0	0	500,000
Contract Construction	0	26,000,000	10,000,000	10,000,000	10,000,000	10,000,000	66,000,000
Total Expenditures	0	27,500,000	10,500,000	10,500,000	10,500,000	10,500,000	69,500,000



CIP 2018 DETAIL BY PROJECT

SEWER FUND

Project Name FY18 Svc Unsewered Coverline
Project Number SW18300
Reference Number 3

Project Description / Justification:

This project provide funds for extending sewer service to areas of the City which do not presently have sewers. The City pays the total cost of the projects. FY2018 will be funded by Capital Pay Go-Sewer.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2018
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 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total
Revenue Sources							
Capital PAY GO	0	1,850,000	1,150,000	630,000	630,000	630,000	4,890,000
Total Revenues	0	1,850,000	1,150,000	630,000	630,000	630,000	4,890,000
Expenditure Types							
Engineering - Architecture	0	200,000	100,000	100,000	100,000	100,000	600,000
Land Acquisition	0	150,000	50,000	30,000	30,000	30,000	290,000
Contract Construction	0	1,500,000	1,000,000	500,000	500,000	500,000	4,000,000
Total Expenditures	0	1,850,000	1,150,000	630,000	630,000	630,000	4,890,000



CIP 2018 DETAIL BY PROJECT

SEWER FUND

Project Name Stiles Plant Modification
Project Number SW04009
Reference Number 4

Project Description / Justification:

This project is a cover line and provides funds for the construction of additional treatment facilities, modification of existing treatment facilities, and ancillary structures / facilities as needed to meet Federal / State requirements. Any carry forward dollars to be used for A&E or Construction for FY18 will be funded by Capital Pay Go-Sewer.

Operating Budget Impact:

None

	<u>Carry Forward</u>	<u>FY 2018</u>
Revenue Sources		
Capital PAY GO	19,751,230	0
Total Revenues	<u>19,751,230</u>	<u>0</u>
Expenditure Types		
Engineering - Architecture	3,400,000	0
Contract Construction	16,351,230	0
Total Expenditures	<u>19,751,230</u>	<u>0</u>

Project Detail - 5 Year Summary

	<u>Carry Forward</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>Total</u>
Revenue Sources							
Capital PAY GO	19,751,230	0	2,000,000	2,000,000	2,000,000	2,000,000	27,751,230
Total Revenues	<u>19,751,230</u>	<u>0</u>	<u>2,000,000</u>	<u>2,000,000</u>	<u>2,000,000</u>	<u>2,000,000</u>	<u>27,751,230</u>
Expenditure Types							
Engineering - Architecture	3,400,000	0	0	0	0	0	3,400,000
Contract Construction	16,351,230	0	2,000,000	2,000,000	2,000,000	2,000,000	24,351,230
Total Expenditures	<u>19,751,230</u>	<u>0</u>	<u>2,000,000</u>	<u>2,000,000</u>	<u>2,000,000</u>	<u>2,000,000</u>	<u>27,751,230</u>



CIP 2018 DETAIL BY PROJECT

SEWER FUND

Project Name Sewer Assessment and Rehab
Project Number SW05001
Reference Number 5

Project Description / Justification:

Service area wide sanitary sewer condition assessment and rehabilitation program in response to State/Federal mandates FY2018. Funding will be from Tennessee State Revolving Loan Fund and Capital Pay Go- Sewer. All carry forward dollars will be used for A&E or construction for FY18 and will be funded by Capital Pay Go-Sewer.

Operating Budget Impact:

None

Project Detail - Current Year

	Carry Forward	FY 2018
Revenue Sources		
Capital PAY GO	61,958,409	15,000,000
Total Revenues	61,958,409	15,000,000
Expenditure Types		
Engineering - Architecture	55,958,409	15,000,000
Contract Construction	6,000,000	0
Total Expenditures	61,958,409	15,000,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total
Revenue Sources							
Capital PAY GO	61,958,409	15,000,000	15,000,000	20,000,000	25,000,000	25,000,000	161,958,409
Total Revenues	61,958,409	15,000,000	15,000,000	20,000,000	25,000,000	25,000,000	161,958,409
Expenditure Types							
Engineering - Architecture	55,958,409	15,000,000	15,000,000	20,000,000	25,000,000	25,000,000	155,958,409
Contract Construction	6,000,000	0	0	0	0	0	6,000,000
Total Expenditures	61,958,409	15,000,000	15,000,000	20,000,000	25,000,000	25,000,000	161,958,409



CIP 2018 DETAIL BY PROJECT

SEWER FUND

Project Name Sludge Disp/Earth Complex
Project Number SW02006
Reference Number 6

Project Description / Justification:

This project provides funds for sludge disposal equipment and support facilities to prepare sludge for disposal at the Earth Complex and/or the Maxson Waste Water Treatment Plant. Any carry forward dollars to be used for A&E, Land Acquisition, and Construction for FY18 will be funded by Capital Pay Go-Sewer.

Operating Budget Impact:

None

	Carry Forward	FY 2018
Revenue Sources		
Capital PAY GO	7,050,266	0
Total Revenues	7,050,266	0
Expenditure Types		
Engineering - Architecture	1,297,167	0
Contract Construction	5,753,099	0
Total Expenditures	7,050,266	0

Project Detail - 5 Year Summary

	Carry Forward	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total
Revenue Sources							
Capital PAY GO	7,050,266	0	500,000	500,000	500,000	0	8,550,266
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
Contract 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 2018 DETAIL BY PROJECT

SEWER FUND

Project Name Covered Anaerobic Lagoon
Project Number SW02011
Reference Number 7

Project Description / Justification:

This project is for covering the remaining anaerobic sludge lagoons at wastewater treatment plants, expanding/renovating the existing dewatering/sludge handling/processing facilities and upgrading the maintenance facilities. These upgrades are in response to Federal/State mandates. Any carry forward dollars to be used for A&E, Land Acquisition and Construction for FY18 will be funded by Capital Pay Go-Sewer.

Operating Budget Impact:

None

	Carry Forward	FY 2018
Revenue Sources		
Capital PAY GO	28,887,816	0
Federal Grants CIP	14,000,000	0
Total Revenues	42,887,816	0
Expenditure Types		
Engineering - Architecture	2,099,530	0
Contract Construction	40,788,286	0
Total Expenditures	42,887,816	0

Project Detail - 5 Year Summary

	Carry Forward	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total
Revenue Sources							
Capital PAY GO	28,887,816	0	0	1,000,000	1,000,000	1,000,000	31,887,816
Federal Grants CIP	14,000,000	0	0	0	0	0	14,000,000
Total Revenues	42,887,816	0	0	1,000,000	1,000,000	1,000,000	45,887,816
Expenditure Types							
Engineering - Architecture	2,099,530	0	0	0	0	0	2,099,530
Contract Construction	40,788,286	0	0	1,000,000	1,000,000	1,000,000	43,778,286
Total Expenditures	42,887,816	0	0	1,000,000	1,000,000	1,000,000	45,887,816



CIP 2018 DETAIL BY PROJECT

SEWER FUND

Project Name South Plant Expansion

Project Number SW02033

Reference Number 8

Project Description / Justification:

This project provides funds for the construction of additional primary clarifiers, blowers, ABF Towers, final clarifiers, screens, and additional ancillary structures/facilities as needed to meet Federal and State requirements. Any carry forward dollars to be used for A&E or Construction for FY18 will be funded by Capital Pay Go-Sewer. FY18 will be funded by Capital Pay Go- Sewer and Tennessee State Revolving Loan Fund.

Operating Budget Impact:

None

Project Detail - Current Year

	Carry Forward	FY 2018
Revenue Sources		
Capital PAY GO	107,493,300	12,000,000
Sewer Revenue Bonds	16,819,962	0
Total Revenues	124,313,262	12,000,000
Expenditure Types		
Engineering - Architecture	121,108,500	10,000,000
Contract Construction	3,204,762	2,000,000
Total Expenditures	124,313,262	12,000,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total
Revenue Sources							
Capital PAY GO	107,493,300	12,000,000	7,000,000	2,500,000	1,500,000	500,000	130,993,300
Sewer Revenue Bonds	16,819,962	0	0	0	0	0	16,819,962
Total Revenues	124,313,262	12,000,000	7,000,000	2,500,000	1,500,000	500,000	147,813,262
Expenditure Types							
Engineering - Architecture	121,108,500	10,000,000	5,000,000	500,000	500,000	500,000	137,608,500
Contract Construction	3,204,762	2,000,000	2,000,000	2,000,000	1,000,000	0	10,204,762
Total Expenditures	124,313,262	12,000,000	7,000,000	2,500,000	1,500,000	500,000	147,813,262



CIP 2018 DETAIL BY PROJECT

SEWER FUND

Project Name Environmental Maint Relocation
Project Number SW04007
Reference Number 9

Project Description / Justification:

This project carry forward the FY2017 appropriation of funds to relocate the Environmental Maintenance service center and its ancillary operations. Any carry forward dollars to be used for A&E, Land Acquisition and Construction for FY'18 will be funded by Capital Pay GO- Sewer.

Operating Budget Impact:

NoneLL

	Carry Forward	FY 2018
Revenue Sources		
Capital PAY GO	10,239,811	0
Total Revenues	10,239,811	0
Expenditure Types		
Engineering - Architecture	800,000	0
Land Acquisition	839,811	0
Furniture, Fixture & Equipment	600,000	0
Contract Construction	8,000,000	0
Total Expenditures	10,239,811	0

	Carry Forward	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total
Revenue Sources							
Capital PAY GO	10,239,811	0	0	0	0	0	10,239,811
Total Revenues	10,239,811	0	0	0	0	0	10,239,811
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
Contract Construction	8,000,000	0	0	0	0	0	8,000,000
Total Expenditures	10,239,811	0	0	0	0	0	10,239,811

