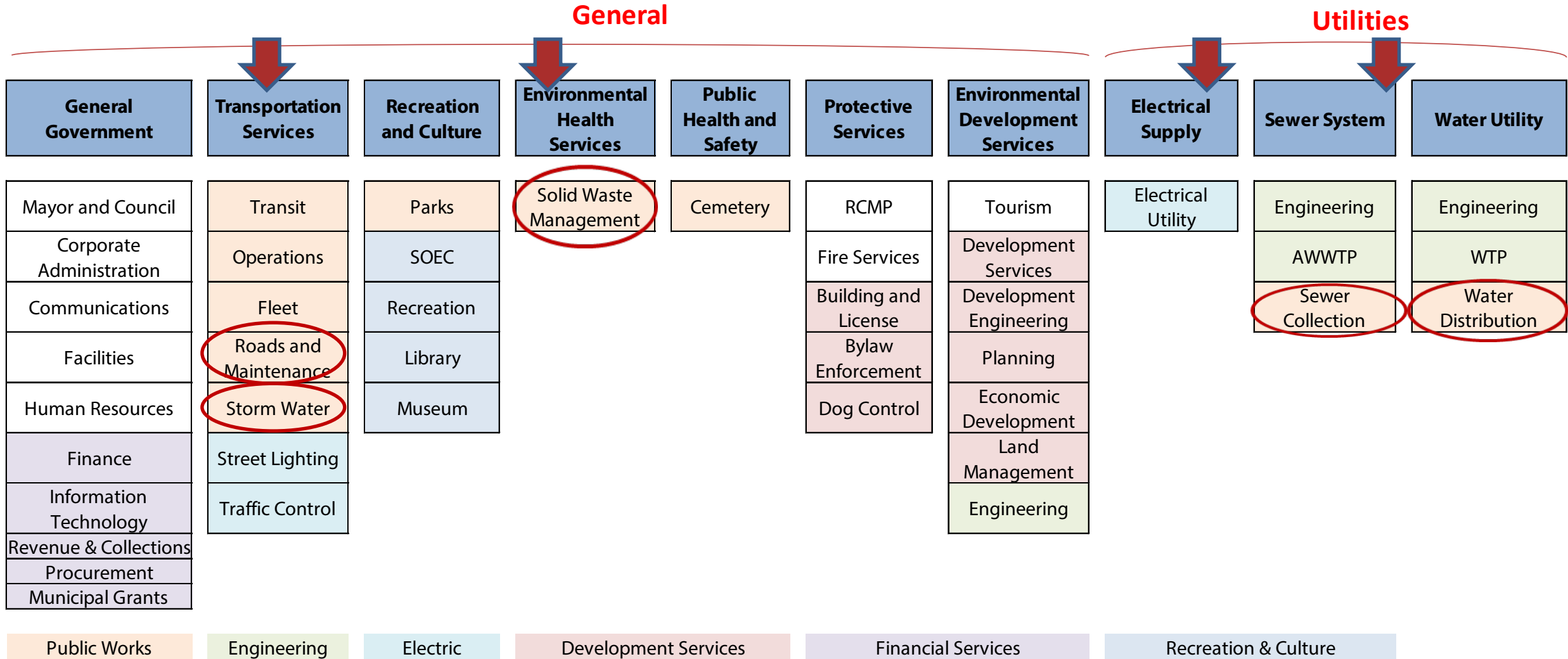


City of Penticton: Financial Plan Reporting Structure



Public Works Operations



Overview

Public Works Operations

Maintenance and Operation of Municipal Infrastructure

- Roads, sidewalks, bridges, traffic control, walkways, parking lots
- Storm water system
- Water distribution systems – domestic , agricultural, reclaimed
- Dams - 6 active dams
- Sewer collection system
- Sewage residual compost operation
- Solid Waste and Recycle Collection

250 kms of Roadways and Lanes
131 kms of Sidewalks
225 kms of Main Line Water Pipe
4,000 cubic meters of compost

88 kms of Main Line Storm Pipe
171 kms of Main Line Sewer Pipe
3,746 Tonnes of Garbage
1,123 Tonnes of Recyclables



2018 Achievements

- ✓ **1,200 Calls for Service – Addressed**
- ✓ **Managed Extreme Winter and Corresponding Extreme Spring Runoff Conditions**
- ✓ **Clean Team Implementation**
- ✓ **Bridge Upgrades**
- ✓ **Commenced a multi-year water meter Encoder Receiver Transmitter (ERT) Upgrade**



2018 Achievements

- ✓ **Ellis Creek Diversion Dam Upgrades, Campbell Mountain Diversion Dam Upgrades**
- ✓ **Waste Water Solids Management Review**
- ✓ **New 7 year Solid Waste and Recycle Collection contract**
- ✓ **New 5 year Contract with Recycle BC**



Challenges & Opportunities *Public Works Operations*

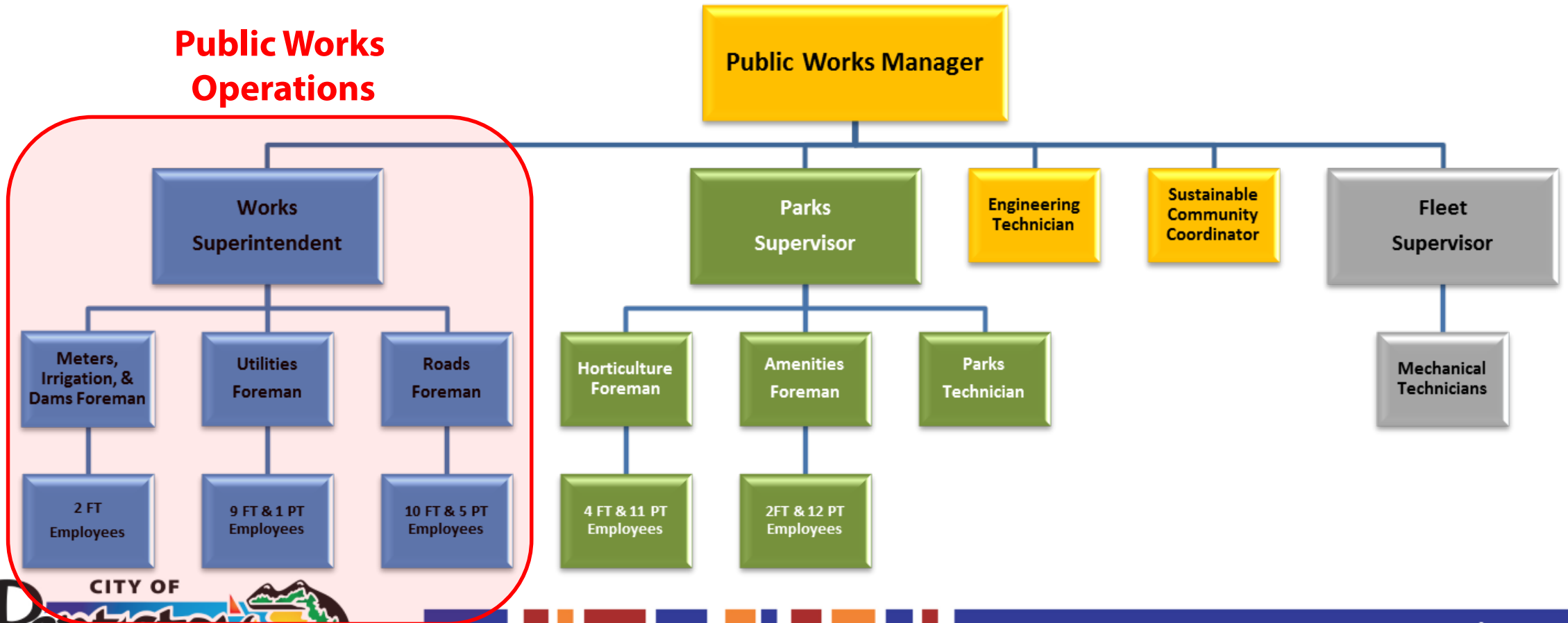
➤ Work Load Capacity / Organizational Structure

- ✓ Succession
- ✓ Staff Management
- ✓ Compliance with Regulations
- ✓ Increased Demands on Management Areas
- ✓ GIS / Asset Management
- ✓ Waste Water Residuals Management
- ✓ Transient Camps
- ✓ Claims Management



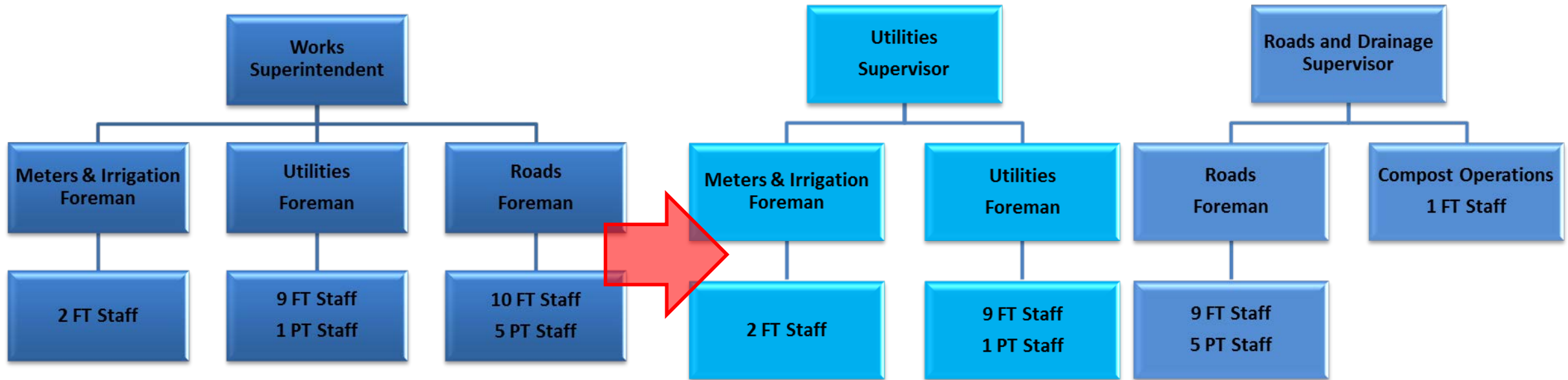
Challenges & Opportunities *Public Works Operations*

Public Works Operations Restructure



Challenges & Opportunities *Public Works Operations*

➤ Public Works Operations Restructure



2019 Initiatives

- **Restructure the Works area of the Public Works Department**
- **Clean Team Year Round – Weekend**
- **Waste Water Solids Management Plan and Commencement of Implementation**



Staffing

*Public Works
Public Works Operations*

<u>2018</u>	<u>2019</u>
29.7	31

FTE's– including MGT



*Roads and Maintenance***Highlights**

	2019 Budget	% change	Trend
Total Revenue	0	0.00%	→
Operational Expense	1,651,851	4.03%	↑
Total Internal Allocation In	244,691		↑
Total Internal Allocation Out	<u>-35,250</u>		↑
Net Operating Expense	1,861,292		↑
Total Capital	0		↓
Cost per Capita	55.13		↑
% of Property Tax	5.58%		→



2019 Budget

Roads and Maintenance

Expenses	2018 Budget	2018 Forecast	2019 Budget	2020 Budget	2021 Budget	2022 Budget	2023 Budget
Roads and Related Infrastructure	1,201,610	1,265,393	1,303,101	1,324,824	1,346,981	1,369,582	1,392,635
Sidewalks and Walkways	204,620	186,100	218,250	222,119	226,066	230,092	234,199
Storm Sewer Operations	0	0	0	0	0	0	0
Support Services	42,450	131,175	123,100	125,188	127,318	129,490	131,706
Salaries and Benefits	7,460	5,218	7,400	7,548	7,699	7,853	8,010
Internal Allocation In	181,853	185,228	244,691	511,265	372,681	262,944	266,563
Internal Allocation Out	<u>0</u>	<u>0</u>	<u>-35,250</u>	<u>-35,250</u>	<u>-35,250</u>	<u>-35,250</u>	<u>-35,250</u>
Net Operating Expense	1,637,993	1,773,115	1,861,292	2,155,694	2,045,495	1,964,712	1,997,864



Highlights

	2019 Budget	% change	Trend
Total Revenue	-2,501,100	1.33%	➔
Operational Expense	1,787,157	3.91%	⬆
Total Internal Allocation In	64,200		➔
Total Internal Allocation Out	<u>0</u>		➔
Net Operating Surplus	-649,743		⬇
Total Capital	0		➔
Cost per Capita	-19.25		⬇
% of Property Tax	-1.95%		⬇



2019 Budget

Environmental Health/Public Works Solid Waste

Expenses	2018 Budget	2018 Forecast	2019 Budget	2020 Budget	2021 Budget	2022 Budget	2023 Budget
Garbage Service	829,350	843,112	891,500	908,820	926,996	945,535	964,446
Bulky Item Service	21,000	24,582	29,000	29,581	30,173	30,777	31,393
Yard Waste Service	238,500	259,000	313,000	319,260	325,645	332,158	338,801
Recycle Service	463,000	457,392	473,000	482,460	492,109	501,951	511,990
Cart Services	37,000	41,225	31,500	26,830	27,167	27,510	27,860
Salaries and Benefits	68,600	85,000	38,157	68,109	69,472	70,861	72,278
Support Services	8,200	9,650	11,000	11,200	11,404	11,612	11,824
Revenues	<u>-2,336,340</u>	<u>-2,468,339</u>	<u>-2,501,100</u>	<u>-2,535,670</u>	<u>-2,576,541</u>	<u>-2,618,229</u>	<u>-2,660,752</u>
Operating Surplus	-670,690	-748,379	-713,943	-689,410	-693,576	-697,825	-702,159
Internal Allocation In	<u>59,573</u>	<u>59,573</u>	<u>64,200</u>	<u>66,200</u>	<u>66,200</u>	<u>66,700</u>	<u>66,700</u>
Net Operating Surplus	-611,117	-688,805	-649,743	-623,210	-627,376	-631,125	-635,459



2019 Highlights

Utilities/Public Works Storm Water

	2019 Budget	% change	Trend
Total Revenue	-367,000	100.84%	↑
Operational Expense	246,900	65.21%	↑
Total Internal Allocation In	178,400		↑
Total Internal Allocation Out	<u>0</u>		→
Net Operating Expense	58,300		↓
Total Capital	0		→
Cost per Capita	1.73		↓
% of Property Tax	0.17%		↓



2019 Budget - Operating

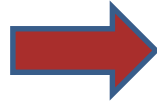
*Utilities/Public Works
Storm Water*

Expenses	2018 Budget	2018 Forecast	2019 Budget	2020 Budget	2021 Budget	2022 Budget	2023 Budget
Goods and Services	52,250	76,298	157,000	142,563	144,158	112,784	114,443
Salaries and Benefits	<u>54,150</u>	<u>73,150</u>	<u>89,900</u>	<u>83,401</u>	<u>84,932</u>	<u>79,494</u>	<u>81,087</u>
Total Operating Expense	106,400	149,448	246,900	225,964	229,090	192,278	195,530
Internal Allocation In	137,567	137,438	178,400	181,900	239,900	183,900	185,400
Internal Allocation Out	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Operating Expense	243,967	286,886	425,300	407,864	468,990	376,178	380,930
Recoveries	-172,729	-182,729	-367,000	-558,000	-753,000	-950,000	-1,150,000
Transfer to Reserve	<u>0</u>	<u>0</u>	<u>0</u>	<u>150,136</u>	<u>284,010</u>	<u>573,822</u>	<u>769,070</u>
Net Operating Expense	71,238	104,157	58,300	0	0	0	0



Highlights

Utilities/Public Works Water Distribution



	2019 Budget	% change	Trend
Water Utility Revenue	-8,812,919	4.2%	↑
WTP Goods and Services	957,556	8.0%	↑
WTP Salaries and Benefits	773,484		→
Allocations In			
Water Distribution Expense	867,700		↓
Debt Allocation	780,918		↓
Overhead Allocation	801,546		↑
Allocations In/Out - Other	258,362		↑
Total Internal Allocation Out	<u>-37,693</u>		→
Total Expenses	<u>4,401,873</u>		↑
Net Operating Surplus	<u>-4,411,047</u>		↑
Water Capital	5,512,200		
Transfer from Reserve	<u>-1,101,153</u>		
Balance Water Operating Fund	0		



2019 Budget - Operating

Utilities/Public Works Water Distribution

Description	2018 Budget	2018 Forecast	2019 Budget	2020 Budget	2021 Budget	2022 Budget	2023 Budget
Domestic Water Operations	473,042	533,918	525,550	534,225	543,073	552,097	561,301
Water Metering Operations	251,200	243,571	195,950	199,490	203,101	206,784	210,540
Agricultural Water Operations	83,102	86,000	68,000	69,150	70,323	71,519	72,740
Dam and Reservoir Operations	98,099	122,750	53,600	54,504	55,426	56,367	57,326
Support Services	<u>48,016</u>	<u>74,681</u>	<u>34,600</u>	<u>35,262</u>	<u>35,937</u>	<u>36,626</u>	<u>37,328</u>
Total Operating Expense	953,459	1,060,920	877,700	892,631	907,860	923,393	939,236
Recoveries	<u>-5,000</u>	<u>-26,638</u>	<u>-10,000</u>	<u>-10,000</u>	<u>-10,000</u>	<u>-10,000</u>	<u>-10,000</u>
Net Operating Expense	948,459	1,034,282	867,700	882,631	897,860	913,393	929,236



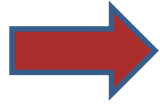
2019 Budget - Capital

Utilities/Public Works Water Distribution

Project description	Budget	Comments
Ellis 4 Dam - Consulting and Upgrades	225,000	Final design & permitting for construction in 2020
Irrigation Meter Program	<u>140,000</u>	Phase 1 of a 10 year program to meter agricultural irrigation system
Total	365,000	



Highlights



	2019 Budget	% change	Trend
Sewer Utility Revenue	-7,112,680	19.0%	↑
AWWTP Salaries & Benefits	971,446	-5.4%	↓
AWWTP Goods and Services	1,237,372	-1.2%	→
Allocations In			
Sewer Collection Expense	746,420		↓
Debt Allocation	1,091,587		↓
Overhead Allocation	741,608		↑
Allocations In/Out - Other	365,095		↑
Total Internal Allocation Out	<u>-38,985</u>		↑
Total Expenses	<u>5,114,543</u>		→
Net Operating Surplus	-1,998,137		↑
Sewer Capital	4,577,800		
Debt Financing	-1,000,000		
Transfer from Reserve	<u>-1,579,663</u>		
Balance Sewer Operating Fund	0		

Utilities/Public Works Sewer Collection



2019 Budget - Operating

Utilities/Public Works Sewer Collection

Expenses	2017 Budget	2017 Forecast	2018 Budget	2019 Budget	2020 Budget	2021 Budget	2022 Budget
Sewer Operations	401,814	412,432	436,100	443,094	450,228	457,504	464,926
Compost Operations	374,550	342,725	295,500	297,204	298,948	300,732	302,557
Support Services	<u>40,050</u>	<u>38,366</u>	<u>24,820</u>	<u>25,306</u>	<u>25,801</u>	<u>26,306</u>	<u>26,821</u>
Total Operating Expense	816,414	793,523	756,420	765,604	774,976	784,542	794,305
Compost Sales	<u>-15,000</u>	<u>-15,000</u>	<u>-10,000</u>	<u>-10,000</u>	<u>-10,000</u>	<u>-10,000</u>	<u>-10,000</u>
Net Operating expense	801,414	778,523	746,420	755,604	764,976	774,542	784,305



2019 Budget - Capital

*Utilities/Public Works
Sewer Collection*

Project description	Budget	Comments
Compost Site Improvements	1,000,000	Design, permitting for upgrades for sewer residual handling

- The 2020 construction cost will depend on the method selected.
- The City is exploring the most appropriate approach, however the overall cost could be significant.
- Along with the most appropriate approach method, the City will also explore how this may be phased in to achieve an affordable approach.



Decision Requests

Public Works Operations

- Restructure - Utility Supervisor - \$126,000
- Restructure - Clean Team (2 staff) - \$66,000



Questions

