

TO: Capital Improvements Advisory Committee

FROM: Tracey B. Lehmann, P.E., Senior Director - Development

DATE: July 26, 2023

SUBJECT: July 26, 2023 Status Update

The purpose of this memo is to provide a summary of SAWS impact fee eligible Capital Improvement Projects.

SAWS owns and operates an infrastructure-intensive system comprised of treatment facilities, pumping stations, storage facilities, and pipelines that are continuously improved and expanded. The schedule for future investment in the water and wastewater system is known as the Capital Improvements Plan (CIP). Projects included in the CIP can serve to rehabilitate and renew the system, enhance the system to improve efficiency and meet regulatory requirements, increase the system capacity, or achieve a combination of these objectives. SAWS staff prepare and maintain a draft CIP that forecasts projects to be designed and/or constructed over the next five years.

The draft five-year CIP is used to develop current year CIP which is funded as part of the SAWS annual budget approved by the SAWS Board of Trustees. The 2023 funded CIP is approximately \$525M. The 2024 to 2028 unfunded CIPs are approximately \$552M/year. The actual 2024 to 2028 CIPs are contingent upon future SAWS Board approval of the annual budgets, of which funding may require rate increases that are contingent upon approval by the San Antonio City Council.

The portion of the CIP related to increasing the system capacity (Growth CIP) is defined by SAWS Water and Wastewater Master Plans. The Master Plans are developed to ensure adequate capacity for a 25-year planning period. The Master Plans are adjusted as needed by SAWS staff based on current development trends. In addition, the Master Plans are peer reviewed and updated by outside consultants approximately every five years. The current impact fee CIP relates to the Growth CIP between 2019 and 2028.

The San Antonio City Council approved the San Antonio Water System's Land Use Assumptions Plan (LUAP), Capital Improvements Plan, and Maximum Impact Fees on May 16, 2019. The revised fees went into effect on June 1, 2019.

The following table shows a summary of SAWS impact fees collected and spent for impact fee eligible projects from June 2019 through May 2023.

JUN 2019 – MAY 2023	IF Collected	IF Spent
Flow	\$ 79,723,434	\$ 1,804,804
System Development	\$ 61,936,913	\$ 32,627,585
Collection	\$ 106,321,030	\$ 47,282,365
Treatment	\$ 47,433,257	\$ 1,966,924
Water Supply	\$ 197,601,062	\$ 61,111,871
Water Delivery (Recoup)	\$ -	\$ 73,720,020
Wastewater (Recoup)	\$ -	\$ 55,915,945
Water Supply (Recoup)	\$ -	\$ 122,736,363
Total	\$ 493,015,696	\$ 397,165,877

The approved impact fees are meant to reimburse SAWS for costs associated with existing excess capacity and help fund infrastructure required to create new capacity. Since 1993 and continuing through May 2023, SAWS has collected \$1.27B in impact fees.

SAWS has directly funded impact fee eligible projects, which add capacity to the water and sewer system at time of construction with the expenditure of \$496.68M of the collected impact fees between 1993 and May 2023. Beginning in 2015, in accordance with state law, SAWS has elected to “recoup” impact fees associated with the reimbursement for existing excess capacity and use those impact fees to fund capital projects not directly associated with providing additional capacity. These recouped impact fees thereby serve as a tool to minimize rate increases. Through May 2023, SAWS has recouped \$461.95M in collected impact fees for this purpose. In total, SAWS has utilized \$958.63M of the collected impact fees as of May 2023.

SAWS is projected to spend another \$13.75M on impact fee eligible jobs currently in process and, over the next 6 to 12 months, SAWS intends to recoup an additional \$13.95M in impact fees to help fund other capital projects included in the current CIP.

Growth continues in our region and as a result, SAWS continues to move projects forward to meet the new demands. The attached Table C includes all projects included in the 2019-2028 impact fee update along with information regarding updates to revised cost estimates, status of projects and SAWS Board approved funding.

Please feel free to contact SAWS staff at any time for information on CIP projects.

Table B: 2019-2028 CIP List of Projects and Board Approved Funding

This guide is provided to help the reader understand and navigate through the contents of the CIP list of projects. The listing is broken into the different sections for the different impact fee categories:

- Water Delivery - Flow
- Water Delivery - System Development
- Wastewater - Collection
- Wastewater - Treatment
- Water Supply

The information related to the different projects within each category is arranged in the following columns (from L-R):

- 2019 CIP Project ID : Identification numbers corresponding the projects listed in the CIP section of the 2019 Impact Fee Report
- 2019 CIP Project Name : Names matching the 2019 Impact Fee Report
- Impact Fee Study Cost (2018) : Project costs corresponding with 2019 report. Cost estimates from 2018
- **Current Cost** : **Updated value account for actual design and construction costs combined**
- Change in Project Cost : Difference between Impact Fee Study Cost and Current Cost
 - Difference has changed less than \$200,000 since last report
 - Difference has changed more than \$200,000 since last report
- % Change in Project Cost : Difference between Impact Fee Study Cost and Current Cost in Percentage
- % Impact Fee Eligible : Taken from 2019 report: % eligible applied to impact fee study cost
- Impact Fee Study \$ Impact Fee Eligible : Taken from 2019 report: reflects the growth cost component that is included in the impact fee calculation
- Current \$ Impact Fee Eligible : % eligible applied to current cost
- Change in \$ IF Eligible : Difference between IF study and current eligible costs
- Projected Project Start : Anticipated project start date (typically design start) when project is initially planned
- Current Project Start : Actual design start date
- **Milestone** : **Shows if the project is under land acquisition, design, construction or closed**
- Board Approved Amount (July 2022) : Total approved funding for the project: includes Acquisition, Design, Construction, Project Closing and other capital expenditures. As of July 2022
- **Board Approved Amount (May 2023)** : **Total approved funding for the project: includes Acquisition, Design, Construction, Project Closing and other capital expenditures. As of May 2023**
- **Change in Board Approved Amount** : **Reflects change between July 2022 and May 2023**
- Comments : Provided to explain outlying values or unique circumstances

Special notes

- **Items in bold above relate to new or amended columns in the table**
- Current cost will match initial cost if the project is still in planning and no significant activity has occurred
- Due to the integrated nature of our water distribution system, the % eligible and corresponding dollar value will be blank for the System Development section. In the 2019 report, the percent eligibility was determined for different types of facilities such as wells, elevated tanks, ground tanks, and pumps. Percent eligibility was also differentiated by impact fee area: High, Middle and Low. These complexities make it difficult to apply % eligibility to individual projects
- Current Project Start: This date is the actual design start of the project. In some cases this information is not available - particularly for developer projects. When not available, current start is the same as the Initial start date
- Milestone: this field is blank for projects that are still in planning.
- Comments: New comments are added in the May 2023 report

Table C: 2019-2028 CIP List of Projects and Board Approved Funding

2019 CIP PROJECT ID	2019 CIP PROJECT NAME	Impact Fee Study Cost (2018)	Current Cost	Change in Project Cost	% Change in Project Cost	% Impact Fee Eligible	Impact Fee Study \$ IF Eligible	Current \$ IF Eligible	Change in \$ IF Eligible	Projected Project Start	Current Project Start	Milestone	Board Approved Amount (July 2022)	Board Approved Amount (May 2023)	Change in Board Approved Amount	COMMENTS
Water Delivery - Flow																
1	Hardy Oak Blvd 30-inch WL	\$3,714,500	\$3,714,500	\$0	0.0%	35.4%	\$1,314,933	\$1,314,933	\$0						\$0	
2	PZ 6 to PZ 905E Pressure Reducing Valve	\$162,500	\$162,500	\$0	0.0%	35.4%	\$57,525	\$57,525	\$0						\$0	
3	FM 1604 20-inch WL	\$4,003,200	\$4,003,200	\$0	0.0%	35.4%	\$1,417,133	\$1,417,133	\$0						\$0	
4	Eddie Road 16-inch WL	\$1,560,900	\$1,560,900	\$0	0.0%	35.4%	\$552,559	\$552,559	\$0						\$0	
5	Pressure Zones 823 and 828 Integration	\$3,427,000	\$6,583,693	\$3,156,693	92.1%	35.4%	\$1,213,158	\$2,330,627	\$1,117,469	1/1/2018	3/12/2018	Construction	\$748,012	\$5,563,630	\$4,815,618	Scope modified during design to account for field conditions and rerouting. Cost increase reflects scope change and market conditions.
6	North Foster 20-inch WL	\$2,717,700	\$2,717,700	\$0	0.0%	35.4%	\$962,066	\$962,066	\$0						\$0	
7	Highway 281 16-inch WL	\$483,900	\$1,375,906	\$892,006	184.3%	35.4%	\$171,301	\$487,071	\$315,770	3/1/2016	9/26/2016	Closed	\$1,375,906	\$1,375,906	\$0	Cost increase reflects scope change to add additional length, field conditions and contractor's bid amount.
8	12-inch WL, Loop 1604 16-inch WL	\$3,111,900	\$3,111,900	\$0	0.0%	35.4%	\$1,101,613	\$1,101,613	\$0						\$0	
9	16-inch PZ 1080, PZ 994-North to PZ 999 Connections	\$6,661,900	\$6,661,900	\$0	0.0%	35.4%	\$2,358,313	\$2,358,313	\$0						\$0	
10	SW Loop 410 20-inch WL	\$2,013,400	\$2,013,400	\$0	0.0%	35.4%	\$712,744	\$712,744	\$0						\$0	
11	Overlook Parkway Water Main Ewtension Helotes Park No 2 PRV to PZ 1201 from PZ 1400	\$1,786,600	\$3,847,835	\$2,061,235	115.4%	35.4%	\$632,456	\$1,362,134	\$729,677	1/1/2020	4/27/2020	Construction	\$3,798,613	\$3,847,835	\$49,223	Scope changed for project. Cost Estimate updated during design. Construction started: 11/18/2021. Name changed to match CPMS. Original name: Former PZ 1380 to PZ 1400-East Connections
12	US Hwy 281 12-inch WL	\$3,391,900	\$3,391,900	\$0	0.0%	35.4%	\$1,200,733	\$1,200,733	\$0						\$0	
13	Montgomery Drive 16-inch WL	\$773,200	\$773,200	\$0	0.0%	35.4%	\$273,713	\$273,713	\$0						\$0	
14	Montgomery Road 16-inch WL	\$216,500	\$216,500	\$0	0.0%	35.4%	\$76,641	\$76,641	\$0	1/1/2014	8/4/2015	Closed		\$911,564	\$911,564	Project started before impact fee study.
15	SH-16 12-inch WL	\$1,724,100	\$1,724,100	\$0	0.0%	35.4%	\$610,331	\$610,331	\$0						\$0	
16	Zigmont Rd 12-inch WL	\$3,127,400	\$3,302,721	\$175,321	5.6%	35.4%	\$1,107,100	\$1,169,163	\$62,064	1/1/2021	4/7/2021	Construction	\$789,048	\$3,302,721	\$2,513,672	Project moved into the Construction Phase
17	Post Oak to Oaks Dr loop, Autumn Ln loop (name changed to Primrose Oaks South Water Main Replacement)	\$3,052,600	\$6,852,027	\$3,799,427	124.5%	35.4%	\$1,080,620	\$2,425,617	\$1,344,997	1/1/2021	4/12/2021	Design	\$1,237,362	\$1,383,585	\$146,224	Under Design. At 60% complete. Cost increase reflects scope increase (additional pipe installation) and updated estimate.
18	Borgfeld Dr 20-inch WL	\$7,472,200	\$7,472,200	\$0	0.0%	35.4%	\$2,645,159	\$2,645,159	\$0						\$0	
19	Talley Road and Sable Run Pressure Zone Interconnections	\$5,450,400	\$5,450,400	\$0	0.0%	35.4%	\$1,485,455	\$1,485,455	\$0	5/1/2019	7/8/2020	Construction		\$310,906	\$310,906	Name changed from "16-inch and 20-inch WL along Talley Rd and"
20	Talley Rd 16-inch WL and 12-inch PZ 1044 PRV	\$4,196,200	\$4,196,200	\$0	0.0%	35.4%	\$1,929,442	\$1,929,442	\$0	12/15/2020	6/14/2021	Design	\$300,962	\$503,898	\$202,936	Construction started 8/18/2021
21	20-inch WL along Huebner Rd and West	\$2,390,700	\$2,390,700	\$0	0.0%	35.4%	\$846,308	\$846,308	\$0						\$0	
22	16-inch Ladera WLS	\$10,117,200	\$10,117,200	\$0	0.0%	35.4%	\$3,581,489	\$3,581,489	\$0						\$0	
23	Ladera - Offsite Water Line	\$3,050,400	\$2,944,829	-\$105,571	-3.5%					5/1/2018	5/1/2018	Closed	\$1,495,831	\$1,495,831	\$0	Name changed from "PZ 1080 16-inch WLS, Lambda and Texas"
24	Judson Rd 20-inch WL	\$1,426,500	\$1,426,500	\$0	0.0%	35.4%	\$504,981	\$504,981	\$0						\$0	
25	Starcrest Dr 12-inch WL	\$1,621,300	\$1,621,300	\$0	0.0%	35.4%	\$573,940	\$573,940	\$0						\$0	
26	Specht Road 16" and 24" Water Main	\$10,551,800	\$10,551,800	\$0	0.0%	35.4%	\$3,735,337	\$3,735,337	\$0	5/1/2020	4/19/2022	Construction	\$1,218,831	\$1,275,618	\$56,788	Name changed from "Blanco Rd 20-inch WL, Borgfeld Dr 12-inch and 20-inch WLS"
27	Rolling Oaks Estates 12-inch and 16-inch WLS, Potranco Rd 20-inch WL	\$11,285,200	\$11,285,200	\$0	0.0%	35.4%	\$3,994,961	\$3,994,961	\$0						\$0	
28	Culebra Rd 16-inch WL	\$2,658,000	\$4,363,847	\$1,705,847	64.2%	35.4%	\$940,932	\$1,544,802	\$603,870	10/19/2017	6/19/2019	Construction	\$4,277,806	\$4,363,847	\$86,041	Governmental project with TxDOT. Projects larger than original scope.
29	& 72: PZ 1125 12-inch, 16-inch, 20-inch WL & New Northeast Service Center 16-inch WL along	\$3,783,800	\$3,783,800	\$0	0.0%	35.4%	\$1,339,465	\$1,339,465	\$0	1/1/2019	12/3/2018	Construction	\$1,265,178	\$1,273,315	\$8,137	Partially under construction
30	Blanco Road Phase II (West oaks Estates to Borgfeld Road)	\$1,742,800	\$1,742,800	\$0	0.0%	35.4%	\$616,951	\$616,951	\$0	1/8/2018	8/6/2018	Design	\$880,944	\$886,960	\$6,017	Name changed from "Blanco Rd 12-inch WLS"
31	Jungman Rd 12-inch WLS and PZ 930 16-inch WL	\$25,429,400	\$25,429,400	\$0	0.0%	35.4%	\$9,002,008	\$9,002,008	\$0						\$0	
32	FM 143 16-inch WL, West Montgomery 16-inch WL	\$5,192,800	\$5,192,800	\$0	0.0%	35.4%	\$1,838,251	\$1,838,251	\$0						\$0	
33	Sage Run 16-inch WL	\$1,473,500	\$1,473,500	\$0	0.0%	35.4%	\$521,619	\$521,619	\$0						\$0	
34	Palo Alto Rd 16-inch and Noyes Rd - Senior Rd 12-inch WLS	\$6,381,200	\$6,381,200	\$0	0.0%	35.4%	\$2,258,945	\$2,258,945	\$0						\$0	
35	SH-16 16-inch WL	\$3,596,700	\$3,596,700	\$0	0.0%	35.4%	\$1,273,232	\$1,273,232	\$0						\$0	
36	Pleasanton Road 12-inch WL	\$3,284,400	\$3,284,400	\$0	0.0%	35.4%	\$1,162,678	\$1,162,678	\$0						\$0	
37	Roosevelt Avenue 12-inch WL	\$3,667,600	\$3,667,600	\$0	0.0%	35.4%	\$1,298,330	\$1,298,330	\$0						\$0	
38	Applewhite 12-inch WL	\$2,345,400	\$2,345,400	\$0	0.0%	35.4%	\$830,272	\$830,272	\$0						\$0	
39	Hunters Pond 12-inch WL	\$1,112,000	\$1,112,000	\$0	0.0%	35.4%	\$393,648	\$393,648	\$0						\$0	
40	Morin Road 12-inch WL	\$1,273,000	\$1,273,000	\$0	0.0%	35.4%	\$450,642	\$450,642	\$0						\$0	
41	Stacey Road 12-inch WL	\$3,635,500	\$3,635,500	\$0	0.0%	35.4%	\$1,286,967	\$1,286,967	\$0						\$0	

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43	Hume Road 12-inch WL	\$2,759,800	\$3,673,075	\$913,275	33.1%	35.4%	\$976,969	\$1,300,269	\$323,299	4/4/2016	11/13/2016	Closed	\$91,662	\$5,158,772	\$5,067,110	WD Flow project paritally overlaps two different CIP projects.
44	Kirkner Road 12-inch WL, Stuart Road 12-inch WL	\$5,449,000	\$5,449,000	\$0	0.0%	35.4%	\$1,928,946	\$1,928,946	\$0						\$0	
45	Tamaron Pass 12-inch WL	\$4,863,200	\$4,863,200	\$0	0.0%	35.4%	\$1,721,573	\$1,721,573	\$0						\$0	
46	PZ 1610-East 12-inch WL	\$4,401,000	\$4,401,000	\$0	0.0%	35.4%	\$1,557,954	\$1,557,954	\$0						\$0	
47	PZ 1400-West 12-inch WL (1)	\$1,915,600	\$1,915,600	\$0	0.0%	35.4%	\$678,122	\$678,122	\$0						\$0	
48	Boerne Stage Airfield 12-inch WL	\$3,162,500	\$3,162,500	\$0	0.0%	35.4%	\$1,119,525	\$1,119,525	\$0						\$0	
49	1540-West PRV and 12-inch WL	\$3,077,100	\$3,077,100	\$0	0.0%	35.4%	\$1,089,293	\$1,089,293	\$0						\$0	
50	20-inch PZ 1125 WL along Stahl Road	\$2,060,500	\$2,060,500	\$0	0.0%	35.4%	\$729,417	\$729,417	\$0						\$0	
51	Shady Falls Road 12-inch WL	\$4,797,700	\$4,797,700	\$0	0.0%	35.4%	\$1,698,386	\$1,698,386	\$0						\$0	
52	Western PZ 1400-West 12-inch WL	\$6,909,100	\$6,909,100	\$0	0.0%	35.4%	\$2,445,821	\$2,445,821	\$0						\$0	
53	12-inch and 16-inch Looping in Eastern PZ 1258-East	\$14,615,600	\$14,615,600	\$0	0.0%	35.4%	\$5,173,922	\$5,173,922	\$0						\$0	
54	PZ 1610-East 12-inch WL (1)	\$5,010,300	\$5,010,300	\$0	0.0%	35.4%	\$1,773,646	\$1,773,646	\$0						\$0	
55	PZ4-PZ4-05 12-inch WL along Five Palms, Quintana Road and PLs heading north to Farr Drive	\$200,000	\$200,000	\$0	0.0%	35.4%	\$70,800	\$70,800	\$0						\$0	
56	PZ5-PZ5-02 16-inch WL along Evers from Callaghan Road to Wildflower	\$177,022	\$177,022	\$0	0.0%	35.4%	\$62,666	\$62,666	\$0						\$0	
57	PZ6-PZ6-06 12-inch WL along Lookout Road from O'Connor to Lookout Way	\$463,316	\$463,316	\$0	0.0%	35.4%	\$164,014	\$164,014	\$0						\$0	
58	PZ8-PZ8-06 12-inch WL along PLs from Silver Pointe to Galm Road	\$493,913	\$493,913	\$0	0.0%	35.4%	\$174,845	\$174,845	\$0						\$0	
59	PZ8 16-inch WL along Cedar Trail across Bandera Road	\$36,060	\$36,060	\$0	0.0%	35.4%	\$12,765	\$12,765	\$0						\$0	
60	PZ9-PZ9-01 12-inch WL along Toepperwein Road from Rain Tree Path to Mia Way	\$626,133	\$626,133	\$0	0.0%	35.4%	\$221,651	\$221,651	\$0						\$0	
61	PZ10-PZ10-01 12-inch Along Stone Oak Parkway from Ruby Run to Cibolo Canyon	\$1,372,465	\$1,372,465	\$0	0.0%	35.4%	\$485,853	\$485,853	\$0						\$0	
62	PZ11-PZ11-03 16-inch Along PLs and W Apache Blf from State Hwy 16 to Ranch Town Tank	\$1,077,429	\$1,077,429	\$0	0.0%	35.4%	\$381,410	\$381,410	\$0						\$0	
63	PZ 1400-West 12-inch WL	\$962,500	\$962,500	\$0	0.0%	35.4%	\$340,725	\$340,725	\$0						\$0	
64	PZ10B-PZ10B-02 16-inch WL along CR 371 from Hwy 1283 to CR 278	\$2,225,885	\$2,225,885	\$0	0.0%	35.4%	\$787,963	\$787,963	\$0						\$0	
65	PZ10B 16-inch WL along FM 1283 from FM 471 to CR 371	\$952,858	\$952,858	\$0	0.0%	35.4%	\$337,312	\$337,312	\$0						\$0	
66	PZ11A-PZ11A-01 16-inch WL along existing pipe near Borgfeld Tank	\$1,695,912	\$1,695,912	\$0	0.0%	35.4%	\$600,353	\$600,353	\$0						\$0	
67	Babcock Road to Cross Mountain Trail	\$1,057,760	\$1,057,760	\$0	0.0%	35.4%	\$374,447	\$374,447	\$0						\$0	
68	PZ12West-PZ12A-03 16-inch WL along SH 16 N from Shadow Canyon Road to Private Road	\$3,010,463	\$3,010,463	\$0	0.0%	35.4%	\$1,065,704	\$1,065,704	\$0						\$0	
69	PZ14-PZ14-02 16-inch WL along Bridlewood Trail from Boerne Stage Road to Bridle Path	\$500,469	\$500,469	\$0	0.0%	35.4%	\$177,166	\$177,166	\$0						\$0	
70	16-inch WL along Old Fredericksburg Road from Lost Creek Gap to Fahrenthold	\$850,000	\$850,000	\$0	0.0%	35.4%	\$300,900	\$300,900	\$0						\$0	
71	Whispering Wind Drive - Mogford to Riptide WL	\$450,000	\$1,610,930	\$1,160,930	258.0%	35.4%	\$159,300	\$570,269	\$410,969	1/1/2017	9/29/2017	Closed	\$1,610,930	\$1,610,930	\$0	Scope changed for additional length, field condition issues. Reduction due to closeout
72	Judson Rd Water Infrastructure Improvements	\$587,400	\$1,205,833	\$618,433	105.3%	35.4%	\$207,940	\$426,865	\$218,925	1/1/2019	12/3/2018	Construction	\$1,189,635	\$1,211,276	\$21,641	Cost increase reflects scope change and contractor's bid amount. Original Name: New Northeast Service Center 16-inch WL along
73	Potranco Road PZ Interconnection	\$200,000	\$200,000	\$0	0.0%	35.4%	\$70,800	\$70,800	\$0						\$0	
74	SEP-7 "Black Willow/281 to Wild Root" (800 Mathis Road: Hardy Road to Waterwood Pass	\$150,000	\$442,800	\$292,800	195.2%	35.4%	\$53,100	\$156,751	\$103,651	5/30/2017	6/5/2017	Closed		\$442,816	\$442,816	Project 74 is 40% of 17-5029
75		\$2,200,000	\$2,200,000	\$0	0.0%	35.4%	\$778,800	\$778,800	\$0	1/1/2018	1/1/2022	Design		\$361,278	\$361,278	Previously called: 10 "Hunters Forest"
76	Hickory Hollow PL	\$750,000	\$664,200	-\$85,800	-11.4%	35.4%	\$265,500	\$235,127	-\$30,373	5/30/2017	6/5/2017	Closed		\$664,224	\$664,224	Project 76 is 60% of 17-5029
77	Along Nacogdoches from O'Conner to Judson to 20-inch WL near Kings Mountain	\$3,500,000	\$3,500,000	\$0	0.0%	35.4%	\$1,239,000	\$1,239,000	\$0						\$0	
78	Fair View Acres Tract	\$240,000	\$240,000	\$0	0.0%	35.4%	\$84,960	\$84,960	\$0	7/1/2018	4/8/2019	Closed			\$0	Part of project 79

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79	Northpoint Offices	\$500,000	\$500,000	\$0	0.0%	35.4%	\$177,000	\$177,000	\$0	7/1/2018	4/8/2019	Closed	\$41,236	\$41,236	\$0	Developer constructed, SAWS provided pipe
80	Dietz Elkhorn 16-inch WL	\$200,000	\$604,338	\$404,338	202.2%	35.4%	\$70,800	\$213,936	\$143,136	5/24/2020	12/21/2021	Construction		\$604,338	\$604,338	Project expanded in scope
81	Living Faith Church 16-inch WL	\$145,600	\$145,600	\$0	0.0%	35.4%	\$51,542	\$51,542	\$0	7/17/2019		Closed	\$16,728	\$16,728	\$0	
82	Westlakes Tract 1604 (Previously reported as WD FLOW)	\$2,566,720	\$2,278,675	-\$288,045	-11.2%	35.4%	\$908,619	\$806,651	-\$101,968	2/2/2018	2/2/2018	Closed	\$1,445,708	\$1,445,708	\$0	Developer participation reduced SAWS cost
83	Potranco Road 9FM 1957) - Loop 1604 to Hwy 211	\$1,020,232	\$3,964,226	\$2,943,994	288.6%	35.4%	\$361,162	\$1,403,336	\$1,042,174	3/1/2014	3/2/2014	Closed	\$3,962,922	\$3,964,348	\$1,426	Project started before impact fee study. Name changed to match Project Management database
Water Delivery - Flow Total		\$252,445,736	\$270,090,619	\$17,644,883			\$88,285,949	\$94,569,609	\$6,283,661				\$25,747,312	\$42,017,268	\$16,269,957	
			<i>% change</i>	<i>7.0%</i>				<i>% change</i>	<i>7.1%</i>							

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Water Delivery - System Development																
1	SS-AK - G - Verano Development - Design and build a 1.5 MG EST, & 5,000 LF of 20-inch distribution main	\$8,730,590	\$8,730,590	\$0	0.0%					1/1/2022	4/11/2022	Design	\$16,678	\$56,670	\$39,992	
2	Dietrich Rd	\$5,500,000	\$8,192,825	\$2,692,825	49.0%					1/1/2016	8/8/2017	Construction	\$7,997,874	\$8,170,866	\$172,992	Contractor price increases
3	Terra Bella	\$5,590,625	\$5,590,625	\$0	0.0%										\$0	
4	DeZavala-PZ 7	\$5,774,500	\$8,401,016	\$2,626,516	45.5%					1/1/2015	8/8/2018	Construction	\$8,268,569	\$8,401,016	\$132,447	Construction at 60%. Cost increase reflects scope change and contractor's bid amount.
5	Replace Loma Linda Tank with SW Loop 410 Tank	\$6,256,600	\$7,622,544	\$1,365,944	21.8%					4/3/2017	8/7/2017	Closed	\$7,601,465	\$7,601,465	\$0	Cost increase: actual construction cost and IF Study Estimate due to market and site conditions
6	Ladera PS (Pumps 1 & 2), EST	\$11,000,000	\$11,000,000	\$0	0.0%									\$0	\$0	
7	Indian Hills EST	\$8,479,570	\$8,479,570	\$0	0.0%					1/1/2022	7/11/2022	Design	\$2,225,583	\$2,405,133	\$179,550	
8	Turtle Creek 3 Reservoir; PZ 8 (Pumps 1 - 4)	\$19,500,000	\$43,448,261	\$23,948,261	122.8%					1/1/2015	7/23/2018	Construction	\$39,920,253	\$40,230,625	\$310,372	Wells completed first; Primary Pump Station now under construction. Complex project, full rehab of site, Market and supply has increased prices
9	Meadow Springs Well Field, HSPS, and GST	\$12,220,000	\$12,220,000	\$0	0.0%					1/1/2019	1/17/2019	Design	\$8,393	\$10,138	\$1,745	
11	University PS 5 MG GST	\$9,900,000	\$9,900,000	\$0	0.0%					1/1/2020	9/14/2020	Construction	\$675,662	\$9,764,933	\$9,089,271	Construction anticipated starting late November 2022.
12	Green Mountain HSPS 1-4; Elevated Storage	\$10,093,600	\$10,336,539	\$242,939	2.4%					8/7/2017	1/3/2019	Closed	\$10,336,535	\$10,336,535	\$0	Minor facility refinements and construction bid costs accounts for increase in project cost.
13	Blackbuck (Meghan) PS	\$4,094,300	\$10,380,000	\$6,285,700	153.5%					2/20/2019	1/10/2019	Design	\$21,573	\$23,448	\$1,876	Added ability to expand capacity in future, original cost underestimated
14	Wurzbach PS to University PS (PZ7 to PZ8) Water Transmission Main	\$18,828,700	\$19,880,540	\$1,051,840	5.6%					1/1/2015	2/29/2016	Closed	\$19,880,540	\$19,880,540	\$0	Some alignment changes and construction bid costs accounts for increase in project cost.
16	Project 28 - 36/42" Waterline and Evans PS	\$9,490,690	\$9,490,690	\$0	0.0%										\$0	
17	Project 32. Green Mountain PS to Evans PS (PZ10 to PZ11A): 30" pipeline	\$6,078,600	\$5,123,881	-\$954,719	-15.7%					9/18/2017	9/18/2017	Closed	\$4,094,249	\$4,094,249	\$0	Previously mis-labeled Project 52. Developer participation reduced SAWS costs
18	Micron 48-inch Water Main Extension to Anderson Tank project Phase 2	\$2,974,000	\$2,974,000	\$0	0.0%					1/1/2010	3/31/2016	Closed	\$5,691,948	\$5,691,948	\$0	Project started before impact study. Prior board approved amount not part of impact fee calculation.
19	Turtle Creek #3 to Medical Center Transmission Main	\$15,525,000	\$15,525,000	\$0	0.0%					1/4/2018	11/26/2018	Construction	\$9,696,590	\$9,839,219	\$142,629	Project split with remainder to be designed & constructed later.
20	Ladera 24-inch Transmission Main	\$2,210,900	\$2,210,900	\$0	0.0%										\$0	
21	Project 5. 30" water line along Lockhill Selma to DeZavala EST	\$13,933,040	\$13,933,040	\$0	0.0%					1/1/2020	2/24/2020	Construction	\$8,100,171	\$8,279,461	\$179,290	
22	Proj 41: Highway 90: Cagnon Rd. to Luckey Ranch Main (C10-M22)	\$5,184,300	\$5,184,300	\$0	0.0%									\$0	\$0	
23	Westlakes Off-Site Water Main Extension Segment B	\$2,214,740	\$6,576,727	\$4,361,987	197.0%					2/2/2018	2/2/2018	Closed	\$6,576,727	\$6,576,727	\$0	Re-routed (scope change - Hwy 90: 1604 - 410). Initial cost was for phase 1 of original route.
24	Project 3: IH10 36-inch Waterline	\$19,000,000	\$19,087,200	\$87,200	0.5%					1/1/2021	3/29/2021	Design	\$1,901,650	\$2,246,275	\$344,625	
25	Project 29: Seguin Rd 24-inch Waterline	\$1,965,260	\$1,965,260	\$0	0.0%										\$0	
26	Canyon Golf and Wilderness Oak	\$1,350,000	\$3,231,646	\$1,881,646	139.4%					4/20/2020	4/30/2020	Construction	\$2,869,171	\$3,231,646	\$362,476	Added additional main and contractor price increases
27	Stevens Ranch Water Main	\$9,035,290	\$9,500,000	\$464,710	5.1%					1/1/2021	6/8/2021	Design	\$1,912,555	\$1,942,652	\$30,096	Original name: "Project 35 - 24" DSP PZ 1170 (TRP & StevensRanch) and SAWS PZ 1170 interconnect"
28	Artesia Pump 1-PZ 3; 2- PZ 4	\$9,900,000	\$25,424,908	\$15,524,908	156.8%					1/1/2018	1/30/2019	Construction	\$25,066,627	\$25,424,908	\$358,281	Cost increase: actual construction cost and IF Study Estimate due to market and site conditions
29	Ranch Town Pump No. 2 Pump Station Improvements	\$368,740	\$7,483,882	\$7,115,142	1929.6%					9/15/2020	9/14/2020	Design	\$721,950	\$7,483,882	\$6,761,932	Project was originally conceived as a rehabilitation project and was later expanded to add capacity
30	Micron Additional Well	\$3,803,600	\$3,803,600	\$0	0.0%					5/1/2016	5/1/2016	Construction	\$3,118,605	\$3,228,390	\$109,785	Partially complete; balance to be designed & constructed
Water Delivery - System Development Total		\$229,002,645	\$295,697,545	\$66,694,900	29.1%								\$166,703,367	\$184,920,727	\$18,217,359	

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Wastewater - Collection																
1	C07-01 (C36 Jackson Keller Rd.)	\$37,004	\$37,004	\$0	0.0%	7.8%	\$2,886	\$2,886	\$0						\$0	
2	C63-04 (C-18 McCullough Ave.)	\$1,166,326	\$4,428,296	\$3,261,970	279.7%	3.6%	\$41,585	\$157,888	\$116,304	11/1/2017	3/20/2018	Closed	\$4,379,391	\$4,416,989	\$37,598	Consent Decree Project. Project complete. Cost increase due to market and site conditions
3	C69-01 (C-30 South General McMullen Dr.)	\$2,715,935	\$2,143,051	-\$572,884	-21.1%	12.0%	\$325,912	\$257,166	-\$68,746	6/30/2017	3/9/2018	Closed	\$2,143,051	\$2,143,051	\$0	Consent Decree Project. Project Complete
4	C69-04 (C-69 South Zarzamora Street Sewer Upsize and Relief)	\$1,452,586	\$4,067,378	\$2,614,792	180.0%	2.5%	\$36,087	\$101,048	\$64,961	1/4/2018	4/2/2018	Construction	\$3,962,194	\$4,067,378	\$105,184	Consent Decree Project. Cost increase due to market and site conditions
7	Rilling Road	\$100,177,880	\$100,177,880	\$0	0.0%	11.2%	\$11,188,739	\$11,188,739	\$0	1/4/2021	1/21/2021	Design	\$5,183,041	\$5,367,199	\$184,158	Consent Decree Project.
8	E-4: Bulverde: Evans to Redland	\$5,500,000	\$10,968,410	\$5,468,410	99.4%	5.5%	\$304,926	\$608,102	\$303,175	1/4/2018	1/1/2019	Construction	\$10,933,143	\$10,965,646	\$32,503	Consent Decree Project. Cost increased due to rerouting and multiple bores to meet field conditions.
9	E-16: Wurzbach: Blanco to Nakoma	\$15,752,422	\$13,118,402	-\$2,634,020	-16.7%	5.2%	\$826,147	\$688,004	-\$138,143	1/1/2018	3/2/2018	Closed	\$13,117,530	\$13,117,902	\$372	Consent Decree Project.
10	E-74: Rosillo Creek Sewer Project	\$6,392,332	\$5,096,167	-\$1,296,165	-20.3%	4.0%	\$253,050	\$201,740	-\$51,311	1/1/2019	3/1/2018	Construction	\$4,856,205	\$5,048,952	\$192,747	Consent Decree Project.
11	W-1: Leon Creek: Hwy 151 to Hwy 90	\$30,400,000	\$41,192,216	\$10,792,216	35.5%	20.0%	\$6,080,000	\$8,238,443	\$2,158,443	7/1/2015	12/22/2015	Construction	\$41,113,039	\$41,192,216	\$79,177	Consent Decree Project. Lower segment complete. Upper segment nearing completion. Project scope updated to adjust routing of sewer.
12	W-52: Culebra Creek Sewer Capacity Relief	\$15,424,946	\$15,424,946	\$0	0.0%	26.5%	\$4,084,603	\$4,084,603	\$0	1/4/2022	12/15/2021	Design	\$1,886,618	\$1,944,695	\$58,076	Consent Decree Project. Design is at 30%
13	W-6: Upper Segment: Hwy 90 to SW Military drive Sewer Main	\$218,000,000	\$196,412,080	-\$21,587,920	-9.9%	19.2%	\$41,838,147	\$37,695,034	-\$4,143,113	2/7/2019	2/14/2019	Construction	\$196,266,957	\$196,412,080	\$145,122	Consent Decree Project. Construction nearing substantial completion.
14	W-9: Upper Leon Creek Sewer Capacity Storage and Relief	\$63,600,000	\$63,600,000	\$0	0.0%	19.2%	\$12,205,991	\$12,205,991	\$0	1/4/2022	1/3/2022	Design	\$5,853,970	\$5,927,968	\$73,997	Consent Decree Project. Design at 60%
15	Mission Del Lago	\$3,600,000	\$4,838,515	\$1,238,515	34.4%	100.0%	\$3,600,000	\$4,838,515	\$1,238,515	4/17/2017	3/19/2018	Closed	\$4,838,515	\$4,838,515	\$0	Project started before the impact fee study was complete.
16	Steubing Tract	\$2,924,705	\$11,297,371	\$8,372,666	286.3%	32.7%	\$957,518	\$3,698,643	\$2,741,125	8/28/2017	3/12/2018	Design	\$6,959,080	\$7,103,345	\$144,264	Cost increase due to market and site conditions. Scope adjusted for new bore alignment. Bore alignment is on new project and under design.
17	Gombert Tract	\$409,500	\$409,500	\$0	0.0%	53.0%	\$217,059	\$217,059	\$0						\$0	
18	Garcia	\$2,565,000	\$2,565,000	\$0	0.0%	29.1%	\$747,657	\$747,657	\$0						\$0	
19	Yates Property Bulverde Tract	\$6,840,000	\$6,840,000	\$0	0.0%	23.3%	\$1,595,027	\$1,595,027	\$0						\$0	
20	Fischer Tract (Revised) Tract	\$324,000	\$324,000	\$0	0.0%	32.9%	\$106,687	\$106,687	\$0			Closed		\$0	\$0	Built by developer without SAWS participation
21	Ph 1 - 75%)	\$2,256,000	\$1,288,135	-\$967,865	-42.9%	3.3%	\$73,320	\$41,864	-\$31,456	7/1/2018	4/8/2019	Closed	\$1,114,900	\$1,288,135	\$173,235	Developer oversized project
22	Medio M04	\$3,257,000	\$3,234,508	-\$22,492	-0.7%	9.0%	\$293,130	\$291,106	-\$2,024	7/1/2018	6/8/2020	Closed	\$3,227,532	\$3,234,508	\$6,976	Developer oversized project
23	Medio M17 (Westpointe West Sewer Ph 1 - 25%)	\$437,000	\$429,378	-\$7,622	-1.7%	12.0%	\$52,440	\$51,525	-\$915	7/1/2018	4/8/2019	Closed	\$602,614	\$429,378	-\$173,235	Developer oversized project
24	Medio M18	\$2,219,000	\$2,177,073	-\$41,927	-1.9%	25.5%	\$566,672	\$555,965	-\$10,707	7/1/2018	6/8/2020	Closed	\$2,198,923	\$2,177,073	-\$21,850	Developer oversized project
25	Medio M19	\$4,720,000	\$4,720,000	\$0	0.0%	14.0%	\$660,800	\$660,800	\$0						\$0	
26	Medio M20	\$801,000	\$808,627	\$7,627	1.0%	7.9%	\$63,044	\$63,645	\$600	7/1/2018	6/8/2020	Closed	\$793,753	\$808,627	\$14,874	Developer oversized project
27	W-2 Huebner Creek: Eckhart to Shadow Mist (Phase 1)	\$13,110,548	\$14,776,524	\$1,665,976	12.7%	8.0%	\$1,048,844	\$1,182,122	\$133,278	9/26/2011	7/1/2015	Construction	\$14,570,918	\$14,776,524	\$205,606	Cost increase due to market and site conditions.
28	C_11 Alzan Creek_Misletoe to Leal	\$1,845,078	\$1,845,078	\$0	0.0%	4.4%	\$82,088	\$82,088	\$0						\$0	
29	C-12 Donaldson Terrace	\$2,179,991	\$2,179,991	\$0	0.0%	3.9%	\$85,816	\$85,816	\$0	11/13/2013	9/9/2013	Closed	\$11,155,265	\$11,155,265	\$0	Consent Decree Project. Project started before impact fee study. Prior board approved amount not part of impact fee calculation.
30	C-3 SA Airport: McCullough and Wetmore to Basse	\$8,899,046	\$8,899,046	\$0	0.0%	9.0%	\$800,914	\$800,914	\$0	3/16/2009	1/24/2017	Closed	\$24,386,778	\$24,386,778	\$0	Consent Decree Project. Project started prior to impact fee study period
31	C-5 - Culebra/Castroville to Laredo & C-28- Zarzamora Creek/San Gabriel to NW 23rd Street Projects	\$16,400,000	\$15,501,471	-\$898,529	-5.5%	13.0%	\$2,132,000	\$2,015,191	-\$116,809	11/7/2011	11/7/2011	Closed	\$15,501,471	\$15,501,471	\$0	Consent Decree Project. Phase 3
32	Martinez Creek	\$23,126,283	\$24,416,698	\$1,290,415	5.6%	7.6%	\$1,749,865	\$1,847,505	\$97,640	7/1/2015	12/1/2015	Closed	\$24,416,698	\$24,416,698	\$0	Consent Decree Project. Some alignment changes, field conditions and construction bid costs accounts for increase in project cost.
33	E_7_Beitel Creek_Wurzbach Pkwy to Austin Hwy	\$2,033,829	\$2,033,829	\$0	0.0%	13.1%	\$266,002	\$266,002	\$0					\$0	\$0	
34	E-19 Segment 1	\$29,022,288	\$43,274,847	\$14,252,559	49.1%	20.9%	\$6,058,713	\$9,034,087	\$2,975,374	1/1/2017	2/2/2016	Closed	\$43,274,847	\$43,274,847	\$0	Consent Decree Project. Cost increase due to market and site conditions
35	E-19 Segment 2	\$30,651,913	\$35,977,819	\$5,325,906	17.4%	25.0%	\$7,662,978	\$8,994,455	\$1,331,477	1/2/2017	7/30/2018	Closed	\$35,977,819	\$35,977,819	\$0	Consent Decree Project. Cost increase due to market and site conditions
36	E-20 Segment 1	\$38,205,224	\$32,171,680	-\$6,033,544	-15.8%	20.0%	\$7,641,045	\$6,434,336	-\$1,206,709	1/1/2016	6/7/2016	Closed	\$32,171,680	\$32,171,680	\$0	Consent Decree Project. Cost decrease due to market and site conditions

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37	E-54	\$20,481,381	\$44,235,027	\$23,753,646	116.0%	17.0%	\$3,481,835	\$7,519,955	\$4,038,120	6/1/2021	6/1/2021	Construction	\$53,761	\$28,608,807	\$28,555,047	Project split into two, with gravity mains and a regional LS. Main will start construction September 2022. Regional LS at final design.
38	Palo Alto Villas Sanitary Sewer Extension	\$4,100,000	\$4,100,000	\$0	0.0%	20.0%	\$820,000	\$820,000	\$0	1/26/2022	1/26/2022	Design		\$1,299	\$1,299	
39	Schuchart	\$5,400,000	\$5,400,000	\$0	0.0%	14.6%	\$785,705	\$785,705	\$0	11/1/2022	2/6/2023	Design		\$150	\$150	
40	Texas Research Park	\$13,410,000	\$13,410,000	\$0	0.0%	14.6%	\$1,952,496	\$1,952,496	\$0						\$0	
41	W-31	\$8,709,110	\$8,709,110	\$0	0.0%	21.6%	\$1,884,443	\$1,884,443	\$0	2/26/2010	2/4/2010	Closed	\$19,792,593	\$19,792,593	\$0	Consent Decree Project. Project started before impact fee study. Prior board approved amount not part of impact fee calculation.
42	E-54 Phase II	\$7,100,250	\$7,100,250	\$0	0.0%	12.0%	\$852,030	\$852,030	\$0						\$0	
43	Helotes Creek Gravity Main and Lift Station #246 Elimination	\$18,830,670	\$29,698,656	\$10,867,986	57.7%	26.5%	\$4,984,678	\$7,861,549	\$2,876,871	1/1/2016	8/17/2016	Construction	\$1,764,812	\$29,698,656	\$27,933,844	Project conceived in 2015. Early estimates started at \$6 million. Construction initiated in 2022 and cost estimates were refined by market and supply conditions
44&45	Small Capacity Constraints	\$6,612,771	\$8,332,777	\$1,720,006	26.0%	23.8%	\$1,573,839	\$1,983,201	\$409,361	7/2/2019	7/2/2019	Construction	\$8,222,305	\$13,863,013	\$5,640,708	Scope included in the 2019 Small Capacity Constraint I Project
Wastewater - Collection Total		\$741,091,019	\$797,660,741	\$56,569,722	7.6%		\$129,984,722	\$142,700,034	\$12,715,312				\$540,719,404	\$604,109,257	\$63,389,853	
			% change				% change		9.8%							

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Wastewater - Treatment																
1	Steven M. Clouse WRC Digester Mixing Improvements	\$17,880,785	\$46,783,451	\$28,902,666	161.6%	13.6%	\$2,439,985	\$6,383,999	\$3,944,014	1/27/2020	3/17/2020	Design	\$1,682,263	\$48,465,714	\$46,783,451	Initial cost estimates generated prior to the in-depth master planning analysis conducted by Garver, Inc. Updated estimated generated from the Facilities Master Plan report
2	Steven M. Clouse WRC Tertiary Filter Expansion Project (Steven M. Clouse)	\$8,580,000	\$8,580,000	\$0	0.0%	0.0%	\$0	\$0	\$0					\$0	\$0	
3	Steven M. Clouse WRC Control System Upgrade	\$1,426,658	\$1,825,072	\$398,414	27.9%	13.6%	\$194,680	\$249,047	\$54,367	1/1/2019	7/14/2020	Design	\$1,825,072	\$1,825,072	\$0	Increased estimate reflects market conditions.
4	Steven M. Clouse WRC Electrical System Improvements - Phase 1	\$10,182,700	\$10,182,700	\$0	0.0%	11.8%	\$1,200,036	\$1,200,036	\$0	8/18/2014	8/21/2014	Closed	\$17,322,480	\$17,073,304	-\$249,176	Project started before impact fee study. Prior board approved amount not part of impact fee calculation.
5	Steven M. Clouse WRC Electrical System Improvements - Phase 2A & 2B	\$18,000,000	\$52,090,488	\$34,090,488	189.4%	11.8%	\$2,121,309	\$6,138,890	\$4,017,581	1/1/2016	6/5/2017	Construction	\$28,257,866	\$52,090,488	\$23,832,622	Project split into two packages (2A & 2B); Package 2A is under construction and Package 2B plans to start construction November 2022. More recent costs resulted from recent Treatment Master Plan analysis
6	Leon Creek WRC Electrical System Improvements Phase I	\$4,500,000	\$6,014,472	\$1,514,472	33.7%	0.0%	\$0	\$0	\$0	6/29/2018	9/8/2020	Construction	\$6,011,414	\$6,013,728	\$2,314	Cost increase due to market and site conditions
7	Medio Creek WRC Plant 1 Improvements	\$18,819,917	\$18,819,917	\$0	0.0%	19.0%	\$3,568,256	\$3,568,256	\$0	7/3/2017	7/3/2018	Construction	\$5,651,364	\$5,652,281	\$916	Partially complete; balance to be designed & constructed as part of the TRMT Master Plan.
8	Medio Creek WRC Control System Upgrade / Replacement (combine into 2020)	\$2,246,723	\$2,246,723	\$0	0.0%	19.0%	\$425,979	\$425,979	\$0						\$0	
9	Steven M. Clouse WRC High Rate Primary Clarifier	\$11,000,000	\$11,000,000	\$0	0.0%	0.0%	\$0	\$0	\$0					\$0	\$0	To be designed and constructed as part of the TRMT Master Plan
10	Steven M. Clouse WRC Thermal Hydrolysis Project	\$22,000,000	\$22,000,000	\$0	0.0%	0.0%	\$0	\$0	\$0					\$0	\$0	To be designed and constructed as part of the TRMT Master Plan
11	Steven M. Clouse WRC Electrical System Improvements - Phase 3	\$16,600,000	\$16,600,000	\$0	0.0%	11.8%	\$1,956,318	\$1,956,318	\$0	1/7/2020	1/7/2020	Acquisition	\$11,926	\$12,066	\$139	To be designed and constructed as part of the TRMT Master Plan
12	Steven M. Clouse WRC Electrical System Improvements - Phase 4	\$11,750,000	\$11,750,000	\$0	0.0%	11.8%	\$1,384,743	\$1,384,743	\$0						\$0	
13	Steven M. Clouse WRC Tertiary Filter Expansion Project (Leon)	\$2,750,000	\$2,750,000	\$0	0.0%	0.0%	\$0	\$0	\$0					\$0	\$0	To be designed and constructed as part of the TRMT Master Plan
17	Steven M. Clouse WRC Thickening Facility Expansion	\$4,000,000	\$4,000,000	\$0	0.0%	13.6%	\$545,834	\$545,834	\$0	5/15/2017	5/9/2017	Construction	\$8,058,786	\$8,061,228	\$2,442	Project started before impact fee study. Prior board approved amount not part of impact fee calculation. Portion of work to be part of TRMT Master Plan.
23	Steven M. Clouse WRC Headworks Enhancements Phase 2	\$3,500,000	\$4,304,813	\$804,813	23.0%	13.6%	\$477,605	\$587,428	\$109,824	8/31/2016	10/8/2019	Construction	\$13,606,738	\$13,738,384	\$131,646	Scope expanded to address process and equipment improvement needs. Project previously named: Dos Rios Headworks Enhancements
Wastewater - Treatment Total		\$153,236,783	\$218,947,636	\$65,710,853	42.9%		\$14,314,745	\$22,440,531	\$8,125,786				\$82,427,909	\$152,932,264	\$70,504,355	
			% change				% change		56.8%							
Water Supply																
2019	Vista Ridge Integration	\$200,000,000	\$213,014,162	\$13,014,162	6.5%	32.4%	\$64,796,460	\$69,012,818	\$4,216,358	1/1/2015	11/1/2016	Closed	\$216,126,646	\$213,014,162	-\$3,112,484	This includes multiple projects and work was started before impact fee study. Closeout has resulted in some credits.
2019	Vista Ridge 142 mile Pipeline/Wellfield	\$930,000,000	\$930,000,000	\$0	0.0%	32.4%	\$301,303,540	\$301,303,540	\$0	4/15/2020	4/15/2020	Operational			\$0	With the operational phase of the Vista Ridge project commencing on April 15, 2020, SAWS began paying for water made available (up to 50,000 acre-feet a year for an initial period of 30 years plus a limited extension period).
Water Supply Total		\$1,130,000,000	\$1,143,014,162	\$13,014,162	1.2%		\$366,100,000	\$370,316,358	\$4,216,358				\$216,126,646	\$213,014,162	-\$3,112,484	
			% change				% change		1.2%							
Grand Totals		\$2,505,776,183	\$2,725,410,702	\$219,634,519	8.8%		\$598,685,416	\$630,026,533	\$31,341,116				\$1,031,724,638	\$1,196,993,677	\$165,269,039	19.0%