

TO: Capital Improvements Advisory Committee
FROM: Tracey B. Lehmann, P.E., Director - Development
DATE: January 29, 2020
SUBJECT: January 2020 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 2020 funded CIP is approximately \$608M. The 2021 to 2024 unfunded CIPs are approximately \$526M/year. The actual 2021 to 2024 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 16th, 2019. The revised fees went into effect on June 1, 2019.

The following two tables show a summary of SAWS impact fees collected and total commitments for impact fee eligible projects. The previous 2014-2023 impact fee update extending from June 2014 through May 2019 and the total impact fees collected and project commitments assigned during that time period are shown in Table A. Table B includes the total impact fees collected and project commitments starting in June 2019 when the 2019-2028 impact fee update went into effect and continues through November 2019.

Table A

JUN 2014 – MAY 2019	IF Collected	IF Commitments
Flow	57,970,679.40	6,727,972.58
System Development	40,228,980.87	85,190,575.71
Collection	82,688,575.14	202,140,870.42
Treatment	41,781,228.69	9,520,033.71
Water Supply	123,652,172.99	82,245,248.87
Total	346,321,637.09	385,824,701.29

Table B

JUN 2019 – NOV 2019	IF Collected	IF Commitments
Flow	6,904,503.53	(619,608.61)
System Development	4,809,483.90	2,184,276.79
Collection	9,684,311.93	46,785,534.90
Treatment	4,993,413.50	412,351.65
Water Supply	17,686,131.50	(474,169.62)
Total	44,077,844.36	48,288,385.11

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 November 2019, SAWS has collected \$819.96M 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 \$360.69M of the collected impact fees between 1993 and November 2019. 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 November 2019, SAWS has recouped \$257.61M in collected impact fees for this purpose. In total, SAWS has utilized \$618.30M of the collected impact fees as of November 2019.

SAWS is projected to spend another \$18.21M on impact fee eligible jobs currently in process and over the next 6 to 12 months, SAWS intends to recoup an additional \$36.35M in impact fees to help fund other capital projects included in the current CIP.

Two additional tables have been included which show the impact fee eligible projects with commitments for project construction. Table C includes information for the 2014-2023 impact fee update which ranges from June 2014 through May 2019. Table D includes all listed impact fee eligible projects from the 2019-2028 impact fee update along with the project cost estimate, total committed project funds through November 2019 and funds committed between June and November 2019.

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

Table C
JUN 2014 – MAY 2019

<u>Flow</u>	<u>Commitments</u>
16in wtr mn along Old Fred Rd	101,402.36
Afton Oaks Wtr Mn Oversize	50,272.48
Borgfeld Drive Phase 2 ROW	(147,744.71)
Borgfeld West 16-Inch Oversize	(64,266.75)
Concept Therapy Institute	778,574.60
DSP Borgfeld Rd. 12-inch main	604,632.60
DSP TAMUS E/W Arterial Mn	868,076.76
DSP-Bitters Aspen Interconnect	65,169.97
Evans Rd 16&24 OS (Judson ISD)	2,000,824.73
FM 1937 Phase 2	(574.76)
Hidden Springs Water Project	(189,946.16)
McCoy Subdivision Unit 1	16,358.58
Public Wtr Mn Ext @ Chavaneaux	24,782.04
Purchase Pipe Inland Storage	(83.52)
Quiet Creek 16' Oversize 8'	(20,548.92)
Quiet Creek Offsite Wtr Mn	307,336.67
Redbird Ranch Reeves Lp Ph 1	33,074.00
Redbird Ranch Reeves Lp Ph 2	33,074.00
Redbird Ranch Unit 11A	17,859.96
Royal Oak Estates Unit 1	87,315.36
Tesoro Ridge Subd Wtr Mn-16in OS	(43,306.01)
Whispering Winds Dr-Mogford	1,756,819.67
Wiseman Blvd Wtr Mn Extn(pipe)	448,869.63
	6,727,972.58
<u>System Development</u>	<u>Commitments</u>
24in Wtr Mn Rgrs Rnch Ph1 11-7	(457,088.66)
Anderson Pump Station Improvements	79,541.80
Arcadia Ridge 24" Offsite Wtr	188,085.39
Artesia PS New Wells	409,647.27
Babcock Tank	708,487.49
Cibolo Elevated Storage Tank	(514,081.94)
Cross Mountain Elevated Strg Tnk	(110,053.14)
Culebra Tnk & PS aka Cnty Line	(492,116.45)
Davis Ranch Sub 24-Inch OS Ph2	51,092.34
DeZavala Storage Tank	42,280.32
Dietrich Storage Tank	1,263,938.29
DSP New World GST and HSP	7,314,363.73
DSP Swanson Fac 182	2,445,458.69
DSP-Hill Country Village	90,159.46
E. Evans 24in Approach & Brd	385,820.38
Evans Road - Water Main Extend	3,680,288.97
Green Mountain Pump Stn Fac	9,645,720.68
Harlach Farm Subd Water Main	404,748.05
Highland Estates 24in OvrSz	987,006.80
Highland Estates Unit 1 FGST	7,355,222.65
Indian Hills PZ 12 PS(IH10BS)	2,634.24
Kallison 24-inch Offsite Water	883,332.83

Ladera - Offsite Water Line	1,397,384.30
Meadow Springs Water Prod Fac	668.12
Micron - Additional Wells	2,062,025.70
Micron 48in Wtr Mn Ext to Andr	1,724,603.25
Naco PS Improvements PH8	(706,987.91)
New Northeast Srv Ctr Wtr Mn	327,836.90
Oversize 24in Wtr Mn Schneider	624,831.94
PZ1082 to PZ7 Interconnection	63,252.30
Southeast Tank and Pump Stn	16,290,862.45
Sunset Pump Station Improv	(13,076.08)
SW Lp 410 Elevated Strg Tank	7,077,871.92
Turtle Crk #3 PS-Med Cntr T Mn	856,047.57
Turtle Crk No3 Pump Stn	2,970,223.13
Watson Tank (AKA Applewhite)	2.00
Westlakes OffSite Wtr Ext-SegA	1,438,658.08
Winwood 24in OvrSz Mn Ph1	(107,445.49)
Wtr Mn Along Encino PS/Hwy 281	1,511,204.19
Wtr Prd Fac Rehab Ph11-Wurzbch	17,742,869.60
Zoeller Tank (General McMullen)	10,713.24
	85,190,575.71

<u>Collection</u>	<u>Commitments</u>
Boerne Stage Rd. Sewer Part	(37,198.05)
C-01 Sewer Relief Main (PFS)	415.63
C13 Brdwy Crdr-Jsphn to S Alamo	1,459,881.70
C-13 Broadway Corridor Pck B2	25,536.51
C13-Broadway Corridor Pck B Ph1	16,718,718.15
C-30 San Joaquin-Gen McMullen	1,819,971.12
C-33 Brdwy Corridor: Carnahan	1,575,506.21
C-5 & C-28 Ph1A_Ph1B-DESIGN	1,092,521.06
C-5 & C-28 Phase 1B	15,655,685.22
C-5 Culebra&C-28 Zarza Crk Ph3	14,259,328.48
C-5 Culebra&C-28 Zarzamora Ph2	6,469,820.75
Carmona Hills Sub 2B	828.78
Cibolo Crk Swrshd Flw Divrsn	9,908,806.07
Classen-Steubing Oversized Sew	6,033,668.97
E-19 Segment 1	44,404,738.03
E-19 Segment 2	31,785,663.67
E20 Wurzbach:Jones Malts-Naco	4,417,202.58
E-54: Cibolo Vista to Bulverde	1,083.86
Far West Inter-Basin Lift Stat	(217,971.57)
Far West Swr Relief Mn (FW-01)	(25,973.69)
Helotes Crk Grvty Mn&LS246 Elm	1,167,823.86
Lift Station Elimn Ph 2	1,901,082.27
Lift Station Elimination Ph3	653,136.08
Sawyer Meadows Swr Oversize	(22,140.02)
SBSP Legal & Constr Management	253,267.82
Sewer Main at 126 Endicott	(29,210.21)
SSO - LS 135 Elimination	314,136.76
SSO-Olmos Basin Cntrl C-3 UIW	1,924,901.60
SW Bexar Swr Pipeline Seg 3	814,386.12
SW Bexar Swr Pipeline Seg 4	54,254.75
SW Bexar Swr Pipeline Seg 5	(461,584.60)

SWISD Swr Mn Ext Oversize	185,833.79
W_2_Hbnr Crk_Eckhrt_Shdw Mist	(882,878.31)
W-1 Leon Crk: Hwy 151-Hwy 90	3,666,326.54
W-2 Huebner Creek: Eckhert	1,348,636.76
W31:H10 Boerne Stg-Old Frdrck	19,425,122.63
W-6 Western Watershed SWR	(392,404.91)
W-6 Wstrn Wtr Shd P3 & P4	18,622,189.64
W-6:Western Wtrshd SwrRifLn-P1	68,307.44
W-6:WstrnWtrshdSwrRif Ln-Proj1	(230,284.65)
Westover Hills Main Oversize	(1,552.74)
Westpointe West Sewer Main-Ph1	1,346,584.76
WWRL - Upper Segment	(3,118,143.77)
	202,140,870.42

<u>Treatment</u>	<u>Commitments</u>
Dos Rios 1st Stage Diffuser	(118,982.16)
Dos Rios Sludge Drying Bed	124,625.41
Dos Rios Headworks Ph2	19,354.66
Dos Rios Re-rating Ph1 (Prelm)	1,567,795.83
Dos Rios WRC ThermalHydrolysis	(76,565.25)
DR & LC Tertiary Filters	(1,736,785.82)
DR & LC-Tertiary Filters Exp	229,240.13
DR WRC Dig Mix & Sys Enhnc-Ph2	(1,854,282.03)
DR WRC Elec Sys Imprvmnts-Ph 2	2,450,786.40
DR WRC Thickening Fac Expn	7,656,623.81
Leon Creek Impr & Upgrades Ph2	1,252,381.08
Medio Creek WRC Expansion Proj	5,841.65
	9,520,033.71

<u>Water Supply</u>	<u>Commitments</u>
Brackish Groundwater Desalinat	(1,487,433.23)
Desal: Prod Well Design-Pckg 1	106,448.13
Desal: Program Management	7,002.58
Expanded Carrizo	1,658,244.26
Integration Pipeline Seg 1	1,057,899.02
Integration Pipeline Seg 2	1,179,270.73
Integration Pipeline Seg 3	5,048,915.16
Integration: Land Acquisition	168,651.19
RC Buckhorn?SSLGC WTP Pipeline	715,267.69
RCP-Land/Easements	(2,789,673.02)
RCP-Well Drilling&Collection	(1,592,890.63)
Regional Carrizo: SSLGC - Naco	(389,229.10)
WRIP Interconnect-Somerset PS	1,422,679.25
WRIP Old Pearsall PS Ph1	15,638,560.46
WRIP PH2 PS Improvements	3,893,374.19
WRIP Pipeline Segment 1A	19,672,375.57
WRIP Pipeline Segment 2B	23,093,711.41
WRIP Twin Oaks West PS Ph1	14,842,075.21
	82,245,248.87

Grand Total JUN 2014 – MAY 2019 **385,824,701.29**