

# San Antonio River Authority



SAN ANTONIO  
RIVER AUTHORITY

## Debt Model

For Fiscal Year Ending  
June 30, 2019

as of March 20, 2019

*Presented by:*  
SAMCO Capital Markets, Inc.  
Mark McLiney  
Andrew Friedman  
(210) 832-9760

## **Debt Model**

**San Antonio River Authority  
Debt Model  
Fiscal Year Ending June 30, 2019  
as of March 20, 2019**

<b>Channel Improvement</b>					
FY Ending 6/30	Rev. Ref. Bonds Series 2007	Rev. Ref. Bonds Series 2014	Rev. Ref. Bonds Series 2015	Rev. Ref. Bonds Series 2019	Total Channel Imp. Debt Service
2019	\$ 1,105,963	\$ 716,793	\$ 1,152,638		\$ 2,975,393
2020	-	713,144	1,157,165	\$ 1,067,129	2,937,438
2021	-	714,402	1,151,313	1,070,316	2,936,031
2022	-	-	540,970	1,071,455	1,612,425
2023	-	-	244,035	1,071,806	1,315,841
2024	-	-	244,808	1,071,370	1,316,178
2025	-	-	240,533	1,070,146	1,310,679
2026	-	-	241,210	1,068,135	1,309,345
2027	-	-	241,793	1,070,258	1,312,050
2028	-	-	242,280	1,071,435	1,313,715
2029	-	-	-	1,071,668	1,071,668
2030	-	-	-	1,070,955	1,070,955
2031	-	-	-	1,069,298	1,069,298
2032	-	-	-	1,071,616	1,071,616
2033	-	-	-	-	-
Total	\$ 1,105,963	\$ 2,144,339	\$ 5,456,743	\$ 13,915,586	\$ 22,622,630

**San Antonio River Authority  
Debt Model  
Fiscal Year Ending June 30, 2019  
as of March 20, 2019**

<b>SARA Wastewater System</b>						
FYE 6/30	Rev. Bonds, Series 2010	Rev. Ref. Bonds, Series 2013	Rev. Bonds, Series 2013A	Rev. Bonds Series 2017	Rev. Ref. Bonds Series 2017A	Total Debt Service
2019	\$ 441,000	\$ 395,025	\$ 467,762	\$ 562,470	\$ 283,663	\$ 2,149,920
2020	-	394,525	463,937	560,415	712,156	2,131,033
2021	-	393,725	463,667	559,502	708,556	2,125,449
2022	-	397,550	466,873	562,892	709,356	2,136,671
2023	-	400,925	463,865	560,384	709,356	2,134,530
2024	-	-	464,965	562,216	708,556	1,735,737
2025	-	-	-	558,256	712,081	1,270,337
2026	-	-	-	558,539	713,900	1,272,439
2027	-	-	-	558,094	711,100	1,269,194
2028	-	-	-	562,042	712,500	1,274,542
2029	-	-	-	560,393	712,900	1,273,293
2030	-	-	-	558,296	712,300	1,270,596
2031	-	-	-	560,838	710,700	1,271,538
2032	-	-	-	557,884	-	557,884
2033	-	-	-	559,505	-	559,505
2034	-	-	-	560,655	-	560,655
2035	-	-	-	561,322	-	561,322
2036	-	-	-	561,598	-	561,598
2037	-	-	-	561,475	-	561,475
2038	-	-	-	560,945	-	560,945
<b>Total</b>	<b>\$ 441,000</b>	<b>\$ 1,981,750</b>	<b>\$ 2,791,066</b>	<b>\$ 11,207,718</b>	<b>\$ 8,817,126</b>	<b>\$ 25,238,660</b>

<b>Public Facilities Corp.</b>	
FYE 6/30	Lease Rev. Bonds Series 2014
2019	\$ 181,915
2020	181,386
2021	181,137
2022	180,229
2023	180,713
2024	179,663
2025	181,579
2026	181,664
2027	181,690
2028	181,658
2029	181,567
2030	181,418
2031	181,210
2032	180,944
2033	181,609
2034	181,207
2035	180,745
2036	-
2037	-
2038	-
<b>Total</b>	<b>\$ 3,080,332</b>

<b>General Improvement Revenue Bonds</b>	
FYE 6/30	Revenue Bonds Series 2016
2019	\$ 132,258
2020	130,222
2021	133,187
2022	131,063
2023	133,939
2024	131,726
2025	129,514
2026	132,301
2027	-
2028	-
2029	-
2030	-
2031	-
2032	-
2033	-
2034	-
2035	-
2036	-
2037	-
2038	-
<b>Total</b>	<b>\$ 1,054,208</b>

**San Antonio River Authority  
Debt Model  
Fiscal Year Ending June 30, 2019  
as of March 20, 2019**

<b>Contract Revenue</b>				
FY Ending 6/30	Cont. Rev. Bond, Series 2010 (ACCD First Responders)	Cont. Rev. Bond, Series 2010 (Universal City Reuse Project)	Cont. Rev. Bond, Series 2010 (ACCD Reuse Project)	Total Cont. Rev. Bond Series 2010
2019	\$ 73,060	\$ 203,008	\$ 178,204	\$ 454,272
2020	76,236	202,764	178,644	457,644
2021	74,184	202,292	178,856	455,332
2022	77,132	201,592	178,840	457,564
2023	74,852	200,664	178,596	454,112
2024	77,572	199,508	178,124	455,204
2025	75,064	198,124	177,424	450,612
2026	72,556	196,512	176,496	445,564
2027	75,048	199,672	175,340	450,060
2028	77,312	197,376	178,956	453,644
2029	74,348	199,852	177,116	451,316
2030	76,384	196,872	175,048	448,304
2031	73,192	198,664	177,752	449,608
Total	\$ 976,940	\$ 2,596,900	\$ 2,309,396	\$ 5,883,236

## **Debt Service Schedules**

BOND DEBT SERVICE

**San Antonio River Authority (Channel Improvement)**  
**\$14,525,000 Channel Improvement Revenue Refunding Bonds, Series 2007**

Dated Date 07/01/2008  
 Delivery Date 07/01/2008

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
07/01/2018	600,000	4.000%	258,981.25	858,981.25	
01/01/2019			246,981.25	246,981.25	
06/30/2019					1,105,962.50
	600,000		505,962.50	1,105,962.50	1,105,962.50

BOND DEBT SERVICE

**San Antonio River Authority (Channel Improvement)**  
**\$5,165,000 Channel Improvement Revenue Refunding Bonds, Series 2014**

Dated Date                   03/27/2014  
 Delivery Date               03/27/2014

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
07/01/2018	695,000	1.240%	13,051	708,051	
01/01/2019			8,742	8,742	
06/30/2019					716,793
07/01/2019	700,000	1.240%	8,742	708,742	
01/01/2020			4,402	4,402	
06/30/2020					713,144
07/01/2020	710,000	1.240%	4,402	714,402	
06/30/2021					714,402
	2,105,000		39,339	2,144,339	2,144,339



BOND DEBT SERVICE

**San Antonio River Authority (Channel Improvement)**  
**\$8,265,000 Channel Improvement Revenue Refunding Bonds, Series 2015**

Dated Date 01/01/2015  
 Delivery Date 01/08/2015

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
07/01/2018	1,065,000	1.900%	48,877.50	1,113,877.50	
01/01/2019			38,760.00	38,760.00	
06/30/2019					1,152,637.50
07/01/2019	1,090,000	1.900%	38,760.00	1,128,760.00	
01/01/2020			28,405.00	28,405.00	
06/30/2020					1,157,165.00
07/01/2020	1,105,000	1.900%	28,405.00	1,133,405.00	
01/01/2021			17,907.50	17,907.50	
06/30/2021					1,151,312.50
07/01/2021	510,000	1.900%	17,907.50	527,907.50	
01/01/2022			13,062.50	13,062.50	
06/30/2022					540,970.00
07/01/2022	220,000	1.900%	13,062.50	233,062.50	
01/01/2023			10,972.50	10,972.50	
06/30/2023					244,035.00
07/01/2023	225,000	1.900%	10,972.50	235,972.50	
01/01/2024			8,835.00	8,835.00	
06/30/2024					244,807.50
07/01/2024	225,000	1.900%	8,835.00	233,835.00	
01/01/2025			6,697.50	6,697.50	
06/30/2025					240,532.50
07/01/2025	230,000	1.900%	6,697.50	236,697.50	
01/01/2026			4,512.50	4,512.50	
06/30/2026					241,210.00
07/01/2026	235,000	1.900%	4,512.50	239,512.50	
01/01/2027			2,280.00	2,280.00	
06/30/2027					241,792.50
07/01/2027	240,000	1.900%	2,280.00	242,280.00	
06/30/2028					242,280.00
	5,145,000		311,742.50	5,456,742.50	5,456,742.50

BOND DEBT SERVICE

**San Antonio River Authority (Channel Improvement)  
\$11,530,000 Channel Improvement Revenue Refunding Bonds, Series 2019  
Non Callable**

Dated Date            04/23/2019  
Delivery Date        04/23/2019

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
07/01/2019	830,000	3.150%	68,603.50	898,603.50	
01/01/2020			168,525.00	168,525.00	
06/30/2020					1,067,128.50
07/01/2020	745,000	3.150%	168,525.00	913,525.00	
01/01/2021			156,791.25	156,791.25	
06/30/2021					1,070,316.25
07/01/2021	770,000	3.150%	156,791.25	926,791.25	
01/01/2022			144,663.75	144,663.75	
06/30/2022					1,071,455.00
07/01/2022	795,000	3.150%	144,663.75	939,663.75	
01/01/2023			132,142.50	132,142.50	
06/30/2023					1,071,806.25
07/01/2023	820,000	3.150%	132,142.50	952,142.50	
01/01/2024			119,227.50	119,227.50	
06/30/2024					1,071,370.00
07/01/2024	845,000	3.150%	119,227.50	964,227.50	
01/01/2025			105,918.75	105,918.75	
06/30/2025					1,070,146.25
07/01/2025	870,000	3.150%	105,918.75	975,918.75	
01/01/2026			92,216.25	92,216.25	
06/30/2026					1,068,135.00
07/01/2026	900,000	3.150%	92,216.25	992,216.25	
01/01/2027			78,041.25	78,041.25	
06/30/2027					1,070,257.50
07/01/2027	930,000	3.150%	78,041.25	1,008,041.25	
01/01/2028			63,393.75	63,393.75	
06/30/2028					1,071,435.00
07/01/2028	960,000	3.150%	63,393.75	1,023,393.75	
01/01/2029			48,273.75	48,273.75	
06/30/2029					1,071,667.50
07/01/2029	990,000	3.150%	48,273.75	1,038,273.75	
01/01/2030			32,681.25	32,681.25	
06/30/2030					1,070,955.00
07/01/2030	1,020,000	3.150%	32,681.25	1,052,681.25	
01/01/2031			16,616.25	16,616.25	
06/30/2031					1,069,297.50
07/01/2031	1,055,000	3.150%	16,616.25	1,071,616.25	
06/30/2032					1,071,616.25
	11,530,000		2,385,586.00	13,915,586.00	13,915,586.00

BOND DEBT SERVICE

**San Antonio River Authority**  
**\$3,100,000 Lease Revenue Bonds, Series 2014 (Mission Reach Maintenance Facility Proj), Series 2014**

Dated Date           02/25/2014  
 Delivery Date       02/25/2014

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
10/01/2018	125,000	1.730%	28,997.90	153,997.90	
04/01/2019			27,916.65	27,916.65	
06/30/2019					181,914.55
10/01/2019	127,000	2.280%	27,916.65	154,916.65	
04/01/2020			26,468.85	26,468.85	
06/30/2020					181,385.50
10/01/2020	130,000	2.770%	26,468.85	156,468.85	
04/01/2021			24,668.35	24,668.35	
06/30/2021					181,137.20
10/01/2021	133,000	3.170%	24,668.35	157,668.35	
04/01/2022			22,560.30	22,560.30	
06/30/2022					180,228.65
10/01/2022	138,000	3.490%	22,560.30	160,560.30	
04/01/2023			20,152.20	20,152.20	
06/30/2023					180,712.50
10/01/2023	142,000	3.720%	20,152.20	162,152.20	
04/01/2024			17,511.00	17,511.00	
06/30/2024					179,663.20
10/01/2024	148,000	1.950%	17,511.00	165,511.00	
04/01/2025			16,068.00	16,068.00	
06/30/2025					181,579.00
10/01/2025	151,000	1.950%	16,068.00	167,068.00	
04/01/2026			14,595.75	14,595.75	
06/30/2026					181,663.75
10/01/2026	154,000	1.950%	14,595.75	168,595.75	
04/01/2027			13,094.25	13,094.25	
06/30/2027					181,690.00
10/01/2027	157,000	1.950%	13,094.25	170,094.25	
04/01/2028			11,563.50	11,563.50	
06/30/2028					181,657.75
10/01/2028	160,000	1.950%	11,563.50	171,563.50	
04/01/2029			10,003.50	10,003.50	
06/30/2029					181,567.00
10/01/2029	163,000	1.950%	10,003.50	173,003.50	
04/01/2030			8,414.25	8,414.25	
06/30/2030					181,417.75
10/01/2030	166,000	1.950%	8,414.25	174,414.25	
04/01/2031			6,795.75	6,795.75	
06/30/2031					181,210.00
10/01/2031	169,000	1.950%	6,795.75	175,795.75	
04/01/2032			5,148.00	5,148.00	
06/30/2032					180,943.75
10/01/2032	173,000	1.950%	5,148.00	178,148.00	
04/01/2033			3,461.25	3,461.25	
06/30/2033					181,609.25
10/01/2033	176,000	1.950%	3,461.25	179,461.25	

BOND DEBT SERVICE

**San Antonio River Authority**  
**\$3,100,000 Lease Revenue Bonds, Series 2014 (Mission Reach Maintenance Facility Proj), Series 2014**

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
04/01/2034			1,745.25	1,745.25	
06/30/2034					181,206.50
10/01/2034	179,000	1.950%	1,745.25	180,745.25	
06/30/2035					180,745.25
	2,591,000		489,331.60	3,080,331.60	3,080,331.60

BOND DEBT SERVICE

**San Antonio River Authority (Wastewater System)  
\$9,785,000 Wastewater System Revenue Bonds, Series 2010**

Dated Date 11/01/2010  
Delivery Date 12/16/2010

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
07/01/2018			10,500	10,500	
01/01/2019	420,000	5.000%	10,500	430,500	
06/30/2019					441,000
	420,000		21,000	441,000	441,000

BOND DEBT SERVICE

**San Antonio River Authority (Wastewater System)**  
**\$3,120,000 Wastewater System Revenue Refunding Bonds, Series 2013**

Dated Date                   09/15/2013  
 Delivery Date               10/24/2013

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
07/01/2018	345,000	3.000%	27,600	372,600	
01/01/2019			22,425	22,425	
06/30/2019					395,025
07/01/2019	355,000	3.000%	22,425	377,425	
01/01/2020			17,100	17,100	
06/30/2020					394,525
07/01/2020	365,000	3.000%	17,100	382,100	
01/01/2021			11,625	11,625	
06/30/2021					393,725
07/01/2021	380,000	3.000%	11,625	391,625	
01/01/2022			5,925	5,925	
06/30/2022					397,550
07/01/2022	395,000	3.000%	5,925	400,925	
06/30/2023					400,925
	1,840,000		141,750	1,981,750	1,981,750

BOND DEBT SERVICE

**San Antonio River Authority (Wastewater System)  
\$4,300,000 Wastewater System Revenue Improvement Bonds, Series 2013A  
Texas Water Development Board Loan**

Dated Date            10/22/2013  
Delivery Date        10/22/2013

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
07/01/2018			21,380.75	21,380.75	
01/01/2019	425,000	0.900%	21,380.75	446,380.75	
06/30/2019					467,761.50
07/01/2019			19,468.25	19,468.25	
01/01/2020	425,000	1.240%	19,468.25	444,468.25	
06/30/2020					463,936.50
07/01/2020			16,833.25	16,833.25	
01/01/2021	430,000	1.580%	16,833.25	446,833.25	
06/30/2021					463,666.50
07/01/2021			13,436.25	13,436.25	
01/01/2022	440,000	1.820%	13,436.25	453,436.25	
06/30/2022					466,872.50
07/01/2022			9,432.25	9,432.25	
01/01/2023	445,000	2.000%	9,432.25	454,432.25	
06/30/2023					463,864.50
07/01/2023			4,982.25	4,982.25	
01/01/2024	455,000	2.190%	4,982.25	459,982.25	
06/30/2024					464,964.50
	2,620,000		171,066.00	2,791,066.00	2,791,066.00

BOND DEBT SERVICE

**San Antonio River Authority (Wastewater System)  
General Improvement Revenue Bonds, Series 2016**

Dated Date 05/17/2016  
Delivery Date 05/17/2016

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
08/01/2018			8,628.75	8,628.75	
02/01/2019	115,000	1.770%	8,628.75	123,628.75	
06/30/2019					132,257.50
08/01/2019			7,611.00	7,611.00	
02/01/2020	115,000	1.770%	7,611.00	122,611.00	
06/30/2020					130,222.00
08/01/2020			6,593.25	6,593.25	
02/01/2021	120,000	1.770%	6,593.25	126,593.25	
06/30/2021					133,186.50
08/01/2021			5,531.25	5,531.25	
02/01/2022	120,000	1.770%	5,531.25	125,531.25	
06/30/2022					131,062.50
08/01/2022			4,469.25	4,469.25	
02/01/2023	125,000	1.770%	4,469.25	129,469.25	
06/30/2023					133,938.50
08/01/2023			3,363.00	3,363.00	
02/01/2024	125,000	1.770%	3,363.00	128,363.00	
06/30/2024					131,726.00
08/01/2024			2,256.75	2,256.75	
02/01/2025	125,000	1.770%	2,256.75	127,256.75	
06/30/2025					129,513.50
08/01/2025			1,150.50	1,150.50	
02/01/2026	130,000	1.770%	1,150.50	131,150.50	
06/30/2026					132,301.00
	975,000		79,207.50	1,054,207.50	1,054,207.50



BOND DEBT SERVICE

**San Antonio River Authority (Wastewater System)  
\$9,500,000 Wastewater System Revenue Improvement Bonds, Series 2017**

Dated Date 11/13/2017  
Delivery Date 11/13/2017

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
07/01/2018			79,615.70	79,615.70	
01/01/2019	420,000	0.070%	62,854.50	482,854.50	
06/30/2019					562,470.20
07/01/2019			62,707.50	62,707.50	
01/01/2020	435,000	0.210%	62,707.50	497,707.50	
06/30/2020					560,415.00
07/01/2020			62,250.75	62,250.75	
01/01/2021	435,000	0.370%	62,250.75	497,250.75	
06/30/2021					559,501.50
07/01/2021			61,446.00	61,446.00	
01/01/2022	440,000	0.570%	61,446.00	501,446.00	
06/30/2022					562,892.00
07/01/2022			60,192.00	60,192.00	
01/01/2023	440,000	0.720%	60,192.00	500,192.00	
06/30/2023					560,384.00
07/01/2023			58,608.00	58,608.00	
01/01/2024	445,000	0.890%	58,608.00	503,608.00	
06/30/2024					562,216.00
07/01/2024			56,627.75	56,627.75	
01/01/2025	445,000	1.060%	56,627.75	501,627.75	
06/30/2025					558,255.50
07/01/2025			54,269.25	54,269.25	
01/01/2026	450,000	1.210%	54,269.25	504,269.25	
06/30/2026					558,538.50
07/01/2026			51,546.75	51,546.75	
01/01/2027	455,000	1.330%	51,546.75	506,546.75	
06/30/2027					558,093.50
07/01/2027			48,521.00	48,521.00	
01/01/2028	465,000	1.430%	48,521.00	513,521.00	
06/30/2028					562,042.00
07/01/2028			45,196.25	45,196.25	
01/01/2029	470,000	1.510%	45,196.25	515,196.25	
06/30/2029					560,392.50
07/01/2029			41,647.75	41,647.75	
01/01/2030	475,000	1.570%	41,647.75	516,647.75	
06/30/2030					558,295.50
07/01/2030			37,919.00	37,919.00	
01/01/2031	485,000	1.640%	37,919.00	522,919.00	
06/30/2031					560,838.00
07/01/2031			33,942.00	33,942.00	
01/01/2032	490,000	1.710%	33,942.00	523,942.00	
06/30/2032					557,884.00
07/01/2032			29,752.50	29,752.50	
01/01/2033	500,000	1.770%	29,752.50	529,752.50	
06/30/2033					559,505.00
07/01/2033			25,327.50	25,327.50	
01/01/2034	510,000	1.830%	25,327.50	535,327.50	
06/30/2034					560,655.00
07/01/2034			20,661.00	20,661.00	

BOND DEBT SERVICE

**San Antonio River Authority (Wastewater System)**  
**\$9,500,000 Wastewater System Revenue Improvement Bonds, Series 2017**

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
01/01/2035	520,000	1.870%	20,661.00	540,661.00	
06/30/2035					561,322.00
07/01/2035			15,799.00	15,799.00	
01/01/2036	530,000	1.910%	15,799.00	545,799.00	
06/30/2036					561,598.00
07/01/2036			10,737.50	10,737.50	
01/01/2037	540,000	1.950%	10,737.50	550,737.50	
06/30/2037					561,475.00
07/01/2037			5,472.50	5,472.50	
01/01/2038	550,000	1.990%	5,472.50	555,472.50	
06/30/2038					560,945.00
	9,500,000		1,707,718.20	11,207,718.20	11,207,718.20

BOND DEBT SERVICE

**San Antonio River Authority (Wastewater System)  
\$6,855,000 Wastewater System Revenue Refunding Bonds, Series 2017A**

Dated Date 12/15/2017  
Delivery Date 12/29/2017

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
07/01/2018			134,835.07	134,835.07	
01/01/2019	25,000	2.000%	123,828.13	148,828.13	
06/30/2019					283,663.20
07/01/2019			123,578.13	123,578.13	
01/01/2020	465,000	4.000%	123,578.13	588,578.13	
06/30/2020					712,156.26
07/01/2020			114,278.13	114,278.13	
01/01/2021	480,000	4.000%	114,278.13	594,278.13	
06/30/2021					708,556.26
07/01/2021			104,678.13	104,678.13	
01/01/2022	500,000	4.000%	104,678.13	604,678.13	
06/30/2022					709,356.26
07/01/2022			94,678.13	94,678.13	
01/01/2023	520,000	4.000%	94,678.13	614,678.13	
06/30/2023					709,356.26
07/01/2023			84,278.13	84,278.13	
01/01/2024	540,000	2.125%	84,278.13	624,278.13	
06/30/2024					708,556.26
07/01/2024			78,540.63	78,540.63	
01/01/2025	555,000	2.375%	78,540.63	633,540.63	
06/30/2025					712,081.26
07/01/2025			71,950.00	71,950.00	
01/01/2026	570,000	4.000%	71,950.00	641,950.00	
06/30/2026					713,900.00
07/01/2026			60,550.00	60,550.00	
01/01/2027	590,000	4.000%	60,550.00	650,550.00	
06/30/2027					711,100.00
07/01/2027			48,750.00	48,750.00	
01/01/2028	615,000	4.000%	48,750.00	663,750.00	
06/30/2028					712,500.00
07/01/2028			36,450.00	36,450.00	
01/01/2029	640,000	4.000%	36,450.00	676,450.00	
06/30/2029					712,900.00
07/01/2029			23,650.00	23,650.00	
01/01/2030	665,000	4.000%	23,650.00	688,650.00	
06/30/2030					712,300.00
07/01/2030			10,350.00	10,350.00	
01/01/2031	690,000	3.000%	10,350.00	700,350.00	
06/30/2031					710,700.00
	6,855,000		1,962,125.76	8,817,125.76	8,817,125.76

BOND DEBT SERVICE

**San Antonio River Authority (Wastewater System)**  
**\$5,880,000 Contract Revenue Bond, Series 2010 (Alamo Comm College Dist & Universal City Projects)**

Dated Date 12/28/2010  
 Delivery Date 12/28/2010

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
07/01/2018			99,636	99,636	
01/01/2019	255,000	4.560%	99,636	354,636	
06/30/2019					454,272
07/01/2019			93,822	93,822	
01/01/2020	270,000	4.560%	93,822	363,822	
06/30/2020					457,644
07/01/2020			87,666	87,666	
01/01/2021	280,000	4.560%	87,666	367,666	
06/30/2021					455,332
07/01/2021			81,282	81,282	
01/01/2022	295,000	4.560%	81,282	376,282	
06/30/2022					457,564
07/01/2022			74,556	74,556	
01/01/2023	305,000	4.560%	74,556	379,556	
06/30/2023					454,112
07/01/2023			67,602	67,602	
01/01/2024	320,000	4.560%	67,602	387,602	
06/30/2024					455,204
07/01/2024			60,306	60,306	
01/01/2025	330,000	4.560%	60,306	390,306	
06/30/2025					450,612
07/01/2025			52,782	52,782	
01/01/2026	340,000	4.560%	52,782	392,782	
06/30/2026					445,564
07/01/2026			45,030	45,030	
01/01/2027	360,000	4.560%	45,030	405,030	
06/30/2027					450,060
07/01/2027			36,822	36,822	
01/01/2028	380,000	4.560%	36,822	416,822	
06/30/2028					453,644
07/01/2028			28,158	28,158	
01/01/2029	395,000	4.560%	28,158	423,158	
06/30/2029					451,316
07/01/2029			19,152	19,152	
01/01/2030	410,000	4.560%	19,152	429,152	
06/30/2030					448,304
07/01/2030			9,804	9,804	
01/01/2031	430,000	4.560%	9,804	439,804	
06/30/2031					449,608
	4,370,000		1,513,236	5,883,236	5,883,236

DETAILED BOND DEBT SERVICE

**San Antonio River Authority (Wastewater System)  
\$5,880,000 Contract Revenue Bond, Series 2010 (Alamo Comm College Dist & Universal City Projects)**

Dated Date                   12/28/2010  
Delivery Date               12/28/2010

**Alamo Community College District First Responders (ACCD)**

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
07/01/2018			16,530	16,530	
01/01/2019	40,000	4.560%	16,530	56,530	
06/30/2019					73,060
07/01/2019			15,618	15,618	
01/01/2020	45,000	4.560%	15,618	60,618	
06/30/2020					76,236
07/01/2020			14,592	14,592	
01/01/2021	45,000	4.560%	14,592	59,592	
06/30/2021					74,184
07/01/2021			13,566	13,566	
01/01/2022	50,000	4.560%	13,566	63,566	
06/30/2022					77,132
07/01/2022			12,426	12,426	
01/01/2023	50,000	4.560%	12,426	62,426	
06/30/2023					74,852
07/01/2023			11,286	11,286	
01/01/2024	55,000	4.560%	11,286	66,286	
06/30/2024					77,572
07/01/2024			10,032	10,032	
01/01/2025	55,000	4.560%	10,032	65,032	
06/30/2025					75,064
07/01/2025			8,778	8,778	
01/01/2026	55,000	4.560%	8,778	63,778	
06/30/2026					72,556
07/01/2026			7,524	7,524	
01/01/2027	60,000	4.560%	7,524	67,524	
06/30/2027					75,048
07/01/2027			6,156	6,156	
01/01/2028	65,000	4.560%	6,156	71,156	
06/30/2028					77,312
07/01/2028			4,674	4,674	
01/01/2029	65,000	4.560%	4,674	69,674	
06/30/2029					74,348
07/01/2029			3,192	3,192	
01/01/2030	70,000	4.560%	3,192	73,192	
06/30/2030					76,384
07/01/2030			1,596	1,596	
01/01/2031	70,000	4.560%	1,596	71,596	
06/30/2031					73,192
	725,000		251,940	976,940	976,940

DETAILED BOND DEBT SERVICE

**San Antonio River Authority (Wastewater System)**  
**\$5,880,000 Contract Revenue Bond, Series 2010 (Alamo Comm College Dist & Universal City Projects)**

Dated Date 12/28/2010  
 Delivery Date 12/28/2010

**Universal City Reuse Project (UC)**

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
07/01/2018			44,004	44,004	
01/01/2019	115,000	4.560%	44,004	159,004	
06/30/2019					203,008
07/01/2019			41,382	41,382	
01/01/2020	120,000	4.560%	41,382	161,382	
06/30/2020					202,764
07/01/2020			38,646	38,646	
01/01/2021	125,000	4.560%	38,646	163,646	
06/30/2021					202,292
07/01/2021			35,796	35,796	
01/01/2022	130,000	4.560%	35,796	165,796	
06/30/2022					201,592
07/01/2022			32,832	32,832	
01/01/2023	135,000	4.560%	32,832	167,832	
06/30/2023					200,664
07/01/2023			29,754	29,754	
01/01/2024	140,000	4.560%	29,754	169,754	
06/30/2024					199,508
07/01/2024			26,562	26,562	
01/01/2025	145,000	4.560%	26,562	171,562	
06/30/2025					198,124
07/01/2025			23,256	23,256	
01/01/2026	150,000	4.560%	23,256	173,256	
06/30/2026					196,512
07/01/2026			19,836	19,836	
01/01/2027	160,000	4.560%	19,836	179,836	
06/30/2027					199,672
07/01/2027			16,188	16,188	
01/01/2028	165,000	4.560%	16,188	181,188	
06/30/2028					197,376
07/01/2028			12,426	12,426	
01/01/2029	175,000	4.560%	12,426	187,426	
06/30/2029					199,852
07/01/2029			8,436	8,436	
01/01/2030	180,000	4.560%	8,436	188,436	
06/30/2030					196,872
07/01/2030			4,332	4,332	
01/01/2031	190,000	4.560%	4,332	194,332	
06/30/2031					198,664
	1,930,000		666,900	2,596,900	2,596,900

DETAILED BOND DEBT SERVICE

**San Antonio River Authority (Wastewater System)  
\$5,880,000 Contract Revenue Bond, Series 2010 (Alamo Comm College Dist & Universal City Projects)**

Dated Date                    12/28/2010  
Delivery Date                12/28/2010

**Alamo Community College District Reuse Project (ACCDRU)**

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
07/01/2018			39,102	39,102	
01/01/2019	100,000	4.560%	39,102	139,102	
06/30/2019					178,204
07/01/2019			36,822	36,822	
01/01/2020	105,000	4.560%	36,822	141,822	
06/30/2020					178,644
07/01/2020			34,428	34,428	
01/01/2021	110,000	4.560%	34,428	144,428	
06/30/2021					178,856
07/01/2021			31,920	31,920	
01/01/2022	115,000	4.560%	31,920	146,920	
06/30/2022					178,840
07/01/2022			29,298	29,298	
01/01/2023	120,000	4.560%	29,298	149,298	
06/30/2023					178,596
07/01/2023			26,562	26,562	
01/01/2024	125,000	4.560%	26,562	151,562	
06/30/2024					178,124
07/01/2024			23,712	23,712	
01/01/2025	130,000	4.560%	23,712	153,712	
06/30/2025					177,424
07/01/2025			20,748	20,748	
01/01/2026	135,000	4.560%	20,748	155,748	
06/30/2026					176,496
07/01/2026			17,670	17,670	
01/01/2027	140,000	4.560%	17,670	157,670	
06/30/2027					175,340
07/01/2027			14,478	14,478	
01/01/2028	150,000	4.560%	14,478	164,478	
06/30/2028					178,956
07/01/2028			11,058	11,058	
01/01/2029	155,000	4.560%	11,058	166,058	
06/30/2029					177,116
07/01/2029			7,524	7,524	
01/01/2030	160,000	4.560%	7,524	167,524	
06/30/2030					175,048
07/01/2030			3,876	3,876	
01/01/2031	170,000	4.560%	3,876	173,876	
06/30/2031					177,752
	1,715,000		594,396	2,309,396	2,309,396