



San Jacinto River Authority
Groundwater Reduction Plan
Proposed Special Project Revenue Bond Program

Series	2009	2011A	2011B	2012
Dated Date	11/01/2009	03/01/2011	03/01/2011	09/01/2012
Principal Amount of Bonds	\$ 21,500,000	\$ 30,000,000	\$ 37,470,000	\$ 458,805,000
Avg. Interest Rate	2.30%	3.02%	5.18%	4.57%
Costs of Issuance	\$ 495,000	\$ 579,500	\$ 620,865	\$ 6,198,809
Capitalized Interest	\$ -	\$ 1,605,495	\$ 3,497,371	\$ 40,820,888
Debt Service Reserve Requirement	\$ 1,332,518	\$ 2,134,374	\$ 5,490,484	\$ 37,505,123
Capital Project Funds	\$ 11,877,522	\$ 27,815,005	\$ 33,351,764	\$ 408,819,032
Additional Bonds Test Ratio		1.602	0.623	0.418

Loss Factor
5.00%

Fiscal Year Ending	Current Debt Service	WIF Series 2011A Debt Service	DFUND Series 2011B Debt Service	Series 2012 Debt Service	Avg. Daily Water Demand (mgd)	Surface Water Supplied (MGD)	Groundwater Pumped (MGD)	Surface Water Rate	Groundwater Pumpage Fee	Gross Project Revenues	Maintenance & Operations Expense	Net Revenues	Surplus Revenue Fund Balance	Capitalized Interest	Deposit to Debt Service Reserve Fund	Debt Service Reserve Fund Balance	Funds Available to Pay Debt Service	Total Debt Service	Interest Earnings @ 1.00%	Year End Balance	Debt Service Coverage	Maintenance & Operations Coverage	
08/31/2011					49.39	-	49.39	\$ -	\$ 0.50	8,156,454	4,736,337	3,420,117	3,420,117	5,102,866	1,098,097	1,098,097	7,424,886	-	10,981	7,435,867	269.0%	147.0%	
08/31/2012		869,643	1,894,409		51.14	-	51.14	\$ -	\$ 0.75	13,299,596	5,057,073	8,242,523	15,678,390	0	1,098,097	2,196,194	14,580,293	2,764,052	96,321	11,912,562	82.4%	228.7%	
08/31/2013		802,748	1,748,686	11,906,092	52.89	-	52.89	\$ -	\$ 1.00	18,339,608	5,208,785	13,130,822	25,043,384	40,820,888	7,501,025	9,697,218	58,363,247	14,457,525	216,098	44,121,820	171.8%	822.4%	
08/31/2014		1,422,004	3,844,942	20,410,444	54.64	-	54.64	\$ -	\$ 1.50	28,419,630	5,365,049	23,054,581	67,176,401	0	7,501,025	17,198,243	59,675,376	25,677,389	613,201	34,611,188	112.2%	626.3%	
08/31/2015		1,424,885	3,849,663	25,560,344	56.39	-	56.39	\$ -	\$ 2.00	39,106,465	5,526,000	33,580,465	68,191,653	0	7,501,025	24,699,267	60,690,628	30,834,891	593,105	30,448,842	98.0%	165.1%	
08/31/2016	109,549	1,425,864	3,747,882	25,800,944	58.14	22.40	35.74	\$ 2.65	\$ 2.25	49,550,301	18,444,879	31,105,422	61,554,264	0	6,402,928	31,102,195	55,151,337	31,084,237	615,510	24,682,610	78.8%	129.9%	
08/31/2017	438,194	1,827,550	3,413,976	25,650,744	60.54	22.40	38.14	\$ 2.65	\$ 2.25	51,422,751	18,998,225	32,424,526	57,107,136	0	6,402,928	37,505,123	50,704,208	31,330,463	621,877	19,995,622	52.2%	102.2%	
08/31/2018	2,066,213	1,829,813	1,785,974	32,631,744	62.94	22.40	40.54	\$ 2.65	\$ 2.25	53,295,201	19,568,172	33,727,029	53,722,651	0	0	37,505,123	53,722,651	38,313,744	575,007	15,983,915	41.7%	79.3%	
08/31/2019	2,065,454	1,829,773	1,786,921	32,629,844	65.34	22.40	42.94	\$ 2.65	\$ 2.25	55,167,651	20,155,217	35,012,434	50,996,349	0	0	37,505,123	50,996,349	38,311,991	534,890	13,219,248	34.5%	63.7%	
08/31/2020	2,060,254	1,827,362	1,791,880	32,635,944	67.74	22.40	45.34	\$ 2.65	\$ 2.25	57,040,101	20,759,874	36,280,227	49,499,476	0	0	37,505,123	49,499,476	38,315,439	507,244	11,691,280	30.5%	54.7%	
08/31/2021	2,059,957	1,826,099	1,795,340	32,634,144	70.14	22.40	47.74	\$ 2.65	\$ 2.25	58,912,551	21,382,670	37,529,881	49,221,162	0	0	37,505,123	49,221,162	38,315,540	491,964	11,397,586	29.7%	51.8%	
08/31/2022	2,054,386	1,826,055	1,802,186	32,633,644	72.54	22.40	50.14	\$ 2.65	\$ 2.25	60,785,001	22,024,150	38,760,851	50,158,437	0	0	37,505,123	50,158,437	38,316,271	489,027	12,331,194	32.2%	54.4%	
08/31/2023	2,054,045	1,828,392	1,797,834	32,633,444	74.94	22.40	52.54	\$ 2.65	\$ 2.25	62,657,451	22,684,875	39,972,577	52,303,770	0	0	37,505,123	52,303,770	38,313,713	498,363	14,488,420	37.8%	62.0%	
08/31/2024	2,054,992	1,828,242	1,797,421	32,632,544	77.34	22.40	54.94	\$ 2.65	\$ 2.25	64,529,901	23,365,421	41,164,480	55,652,900	0	0	37,505,123	55,652,900	38,313,199	519,935	17,859,637	46.6%	74.2%	
08/31/2025	2,053,075	1,831,057	1,795,975	32,633,756	79.74	22.40	57.34	\$ 2.65	\$ 2.25	66,402,351	24,066,383	42,335,968	60,195,605	0	0	37,505,123	60,195,605	38,313,863	553,648	22,435,389	58.6%	90.5%	
08/31/2026	2,047,889	1,826,446	1,807,998	32,633,463	81.64	22.40	59.24	\$ 2.65	\$ 2.25	67,884,708	24,788,375	43,096,333	65,531,722	0	0	37,505,123	65,531,722	38,315,795	599,405	27,815,332	72.6%	108.9%	
08/31/2027	2,050,570	1,828,951	1,803,357	32,629,769	83.54	22.40	61.14	\$ 2.65	\$ 2.25	69,367,064	25,532,026	43,835,038	71,650,369	0	0	37,505,123	71,650,369	38,312,647	653,205	33,990,927	88.7%	129.3%	
08/31/2028	2,045,339	1,828,965	1,807,309	32,634,175	85.44	22.40	63.04	\$ 2.65	\$ 2.25	70,849,420	26,297,987	44,551,433	78,542,360	0	0	37,505,123	78,542,360	38,315,788	714,960	40,941,532	106.9%	151.1%	
08/31/2029	2,046,876	1,826,752	1,809,672	32,630,856	87.34	22.40	64.94	\$ 2.65	\$ 2.25	72,331,776	27,086,927	45,244,850	86,186,382	0	0	37,505,123	86,186,382	38,314,156	784,467	48,656,692	127.0%	174.4%	
08/31/2030		1,827,516	3,856,028	32,629,788	89.24	22.40	66.84	\$ 2.65	\$ 2.25	73,814,133	27,899,534	45,914,598	94,571,290	0	0	37,505,123	94,571,290	38,313,331	861,618	57,119,578	149.1%	198.8%	
08/31/2031		1,831,053	3,852,944	32,629,772	91.14	22.40	68.74	\$ 2.65	\$ 2.25	75,296,489	28,736,520	46,559,968	103,679,546	0	0	37,505,123	103,679,546	38,313,768	946,247	66,312,025	173.1%	224.0%	
08/31/2032		1,827,317	3,856,031	32,630,994	93.04	22.40	70.64	\$ 2.65	\$ 2.25	76,778,845	29,598,616	47,180,229	113,492,254	0	0	37,505,123	113,492,254	38,314,342	1,038,171	76,216,084	198.9%	250.0%	
08/31/2033		1,826,260	3,854,618	32,634,606	94.94	22.40	72.54	\$ 2.65	\$ 2.25	78,261,201	30,486,575	47,774,627	123,990,711	0	0	37,505,123	123,990,711	38,315,484	1,137,212	86,812,439	226.6%	276.5%	
08/31/2034		1,827,260	3,857,216	32,631,931	96.84	22.40	74.44	\$ 2.65	\$ 2.25	79,743,558	31,401,172	48,342,386	135,154,825	0	0	37,505,123	135,154,825	38,316,407	1,243,176	98,081,593	256.0%	303.3%	
08/31/2035		1,830,500	3,853,920	32,630,356	98.74	22.40	76.34	\$ 2.65	\$ 2.25	81,225,914	32,343,207	48,882,707	146,964,300	0	0	37,505,123	146,964,300	38,314,776	1,355,867	110,005,391	287.1%	330.2%	
08/31/2036		1,826,762	3,855,696	32,631,913	101.69	22.40	79.29	\$ 2.65	\$ 2.25	83,529,027	33,313,503	50,215,524	160,220,915	0	0	37,505,123	160,220,915	38,314,371	1,475,105	123,381,650	322.0%	359.6%	
08/31/2037		1,830,960	3,852,000	32,633,513	104.64	22.40	82.24	\$ 2.65	\$ 2.25	85,832,141	34,312,908	51,519,233	174,900,882	0	0	37,505,123	174,900,882	38,316,473	1,608,868	138,193,278	360.7%	391.0%	
08/31/2038				38,313,844	107.60	22.40	85.20	\$ 2.65	\$ 2.25	88,135,254	35,342,295	52,792,959	190,986,236	0	0	37,505,123	190,986,236	38,313,844	1,756,984	154,429,377		424.2%	
	\$25,206,792	\$44,338,224	\$70,919,874	\$800,288,608																			