

Edwards Aquifer Regional Water Conservation Program – Directional Memo

Background

The Edwards Aquifer Regional Water Conservation Program (RWCP) is one of the activities of the Edwards Aquifer Habitat Conservation Plan to protect Spring Flow and stabilize the amount of water available to pumpers. To provide immediate protection to springflow, several large municipal permit holders volunteered to loan 10,000 acre feet of water through the use of initial commitment contracts. Secondly the program funding of \$19,730, 000 was designated to conserve 20,000 acre ft of water, half of which will be reserved in a trust to replace the borrowed water represented in the initial commitment contracts.

The primary goals of this program are to:

- 1) To maintain compliance with the Incidental Take Permit by replacing the 10,000 acre ft of borrowed water in the Edwards Aquifer (EA) groundwater (GW) trust as soon as possible and for the 15 years of the HCP and to help maintain spring flow in the Comal and San Marcos Springs.
- 2) To assist small and medium sized communities in developing and benefitting from a water conservation program which in turn helps them meet consumer needs in times of reduced water availability.
- 3) To encourage involvement by exempt well users in the HCP program and with other water conservation related programs within the Edwards Aquifer region.
- 4) To expand the population of water conservation conscious and educated landowners, businesses and other citizens in the Edwards Aquifer region.

Issues and Concerns Identified in 2013

The first year of implementation involved initial contact with several small and medium sized cities, but equally important, a contracting process was developed, and a fundamental flaw was corrected related to the measurement of conserved water in the program .

A review of the RWCP water conservation calculation methods revealed that the goals in the HCP were based on the traditional way of measuring water savings, (that being calculated over 10 years). The Springflow modeling in the HCP, however, calculated the impact of the savings based on a single year's savings. This created a funding dilemma whereby EAA staff chose to reduce the amount of money paid

per acre in order to be judicious managers of HCP funds, and to maintain compliance with the Incidental Take Permit (ITP).

Funding

Table 7.1 provides for \$19,730,000 to fund the RWCP for the entire 15 year term of the ITP. After subtracting the fees for the 5 year Texas AgriLife contract, remaining funds available for implementation of the program are \$18,730,000.

To determine the amount of funds available on a “dollars per acre-foot conserved” scenario, we divide the program funds by the number of acre-feet needed to maintain compliance.

$$\text{\$18,730,000/20,000 ac-ft} = \text{\$936/ac-ft}$$

Based on the formula shown above, the Edwards Aquifer Authority (EAA) is able to pay an AVERAGE of \$936/ac-ft to program participants to assist them in creating “new” water resulting from conservation activities, or to voluntarily reduce usage from existing EA sources. Each program will be evaluated on a case by case basis.

Challenges Finding Participating Communities

In the EA water market where water rights are generally sold for \$5500/acre ft with varying lease rates. For example, based on recent SARA data (personal communication with Julia Velez), leases can range from \$100/ac-ft for a single year up to \$140/ac-ft for a ten year lease.

Additionally, long term program water savings are only estimates. Some estimates are based on research data such as those associated with high efficiency, low-flow toilets and fixtures. Other estimates have much lower confidence levels, thus program participants must either trust the estimates or agree to reduce their permit incrementally over time as savings are realized.

Since execution of the contract with Texas AgriLife, 20 communities within the EAA jurisdictional boundary were identified and ranked based on their permitted amount and the Gallons Per Capita Per Day (GPCD). Of those 20 initial communities, 13 have been contacted to determine their willingness to participate in the program. Of those 13, six are not currently interested, City of Uvalde has an active contract, Universal

City's contract is in draft form and will be presented to the EAA Board during their April 8, 2014 meeting. Leon Valley has completed an assessment and a contract is pending. Discussions are pending with Medina County, City of Live Oak, City of Devine, and City of Converse.

Of the communities that are participating in the program, the amount of Edwards Aquifer water expected to be placed in the Groundwater (GW) Trust is making a contribution to the program, however, committed amounts are lower than initially expected. The City of Uvalde is expected to place approximately 160 acre feet in the GW Trust; the City of Universal City is expected to place approximately 160 acre feet of water in the GW Trust; and if a contract is executed, the City of Leon Valley will place approximately 160 acre feet in the GW Trust.

It is reasonable to assume that Texas AgriLife will contact and determine the willingness to participate in the program of the remaining communities during 2014. Based on current interest in the program, it is also safe to assume that there will be five or six communities willing to participate in the program. Assuming an average contribution to the GW Trust of 160 acre-feet, total commitments from these communities would be approximately 960 acre-feet. Under the current scenario, that will leave over 9,000 acre ft of water to be acquired for the GW Trust before the initial commitment contracts expire in 2023.

Limited Water Availability

There are two potential sources for placing "unused" water in the GW Trust: 1) Water that has been created due to increases in conservation efficiency; and 2) water that is "unpumped" by the permit holder. Created water developed with increasing efficiencies is driven by variables such as participation in the programs such as the RWCP, willingness to voluntarily reduce use based on estimated savings, and is generally difficult to estimate. With the high value of water on the EA market and limited amount that is available to fund water conservation based on the "decision " describe earlier, it is obvious that the program has some challenges to overcome to reach goal.

An analysis of 2012 EAA Pumping data show that, among Industrial Permit holders with greater than 100 ac-ft remaining unpumped, there is 12,991 ac-ft of Edwards Aquifer water available for placement in the GW Trust; further among Municipal Permit holders with greater than 100 ac-ft remaining of unpumped,

there is 20,701 ac-ft of Edwards Aquifer water for placement in the GW Trust (see attached spreadsheet for data table).

Diversification of Program Approach to RWCP

The RWCP offers three programming targets in addition to the first priority, the small and medium cities. They include exempt well pumpers, region wide institutions and the large cities. From the beginning it was expected that all four targeted groups would have to participate in order to achieve goal. The change in the way savings are funded and measured means that the programming in these areas will have to be given special attention to achieve the RWCP goals. In addition the RWCP is proposing to seek water conservation partnerships with other Regional entities and explore water sources that may not be clearly delineated as RWCP options in the HCP.

In light of the previous discussion, it is recommended that the RWCP look for additional opportunities to place EA water in the GW Trust. Some existing opportunities have been identified and are currently being pursued. Examples include large scale projects, non-municipal users (agricultural or industrial), use of non-EA sources such as wells developed in other aquifers, etc.

Currently EAA staff have had discussions with the San Antonio Zoo regarding a cost proposal to replace aging well pumps with Variable Frequency Drive pumps, capture stormwater and A/C condensate, and heat water in the winter months instead of pumping from the aquifer. These activities could save a potential 800 acre feet. Also, discussions have begun with CEMEX, a concrete plant, for the EAA to participate in a water recirculation/recycling program wherein a portion of the savings could be placed in the GW Trust.

Prior to diversifying the Program, these topics will be presented to the Regional Water Conservation Monitoring Group, and the Implementing Committee for feedback and approval.

New Program Elements

In order to stay in compliance with the ITP, this program must seek as many opportunities for water conservation and savings as feasible. HCP staff propose pursuing the following conservation opportunities:

- 1) The RWCP will contact the Joint Base San Antonio (JBSA) and establish communications in an effort to secure the remaining 1,600 acre-feet of initial commitments for the Groundwater Trust.
 - a. There is an existing executive order requiring conservation on the part of the government installations. Utilizing a public relations aspect, and involving EAA's Public Outreach and Communications staff (for access to local media), the RWCP will promote the concept of JBSA contributing water to the GW Trust for the protection and enhancement of the HCP Covered Species.
- 2) The RWCP identifies industrial/ commercial rebates as a program option. The RWCP will expand the search for reuse and industrial technology opportunities in the Region.
 - a. The RWCP will seek out potential participants to develop the water saving technological change.
 - b. When appropriate, the RWCP will provide seminars to industry leaders to inform them of the RWCP and describe the opportunities that exist.
- 3) The RWCP includes a list of services designed to help communities address their lost water issues. To expand this service the RWCP will develop the internal capability to assist communities that need a preliminary lost water analysis and do not have the resources to pay for the service.
 - a. If presence of significant leaks are identified, the RWCP will coordinate with SAWS or other resources as per the HCP to locate and quantify leaking infrastructure. Once complete, the RWCP will provide conceptual level cost estimates to the municipality to repair the leaks.
 - b. If agreeable to placing 50% of the water conserved by repairing the leaking infrastructure, and the costs are justifiable in terms of program goals, EAA will develop a contract with the municipality to assist in funding all or part of the leak repair.
- 4) The RWCP will identify all potential non-Edwards Aquifer water sources during the course of the Community Assessment and find opportunities for acquiring and using alternate water sources in lieu of Edwards Aquifer water. If, during the course of the Assessment, an alternate water source seems very feasible, the RWCP will develop conceptual level designs and cost estimates for well acquisition and incorporation into the existing water transmission system. This approach will not be limited to municipalities but may incorporate industry as well.
- 5) The RWCP will seek appropriate partners and organize a reuse program in a designated geographic area with the Edwards Region to promote the large-scale use of treated effluent,

greywater, rainwater catchment, and AC condensate. The effort will be staffed partially or entirely with Texas AgriLife personnel as per the HCP..

- 6) The RWCP will work with communities and their existing environmental groups (i.e. Parks Board) to develop a water conservation program that includes stakeholder support.
- 7) The RWCP will contact the Cities of New Braunfels, San Antonio, and San Marcos to discuss opportunities for low-flow, high efficiency plumbing distribution, cost sharing in treated effluent projects, etc.
- 8) The RWCP will seek opportunities to assist communities in accessing Texas Water Development Board funding such as Proposition 6 for opportunities for EAA to participate in cost sharing in exchange for water savings being placed in the GW Trust.
- 9) Future community assessment will include language that summarizes the tasks described above. Recommendations will include conceptual level cost estimates and conceptual level design if appropriate. Future assessments will contain a map of the service area, and all existing permitted municipal or industrial well locations (including owner, aquifer, and permitted use).

Next Steps

1. Since an increase in program funds are unlikely, a diversified approach in the program is recommended to find previously “un-considered” opportunities for GW Trust water.
2. Prior to implementing the proposed changes, the Implementing Committee must first give approval.
3. An amendment to Texas AgriLife’s existing contract is necessary to fund and/or implement the recommended changes.
4. Finally, the EAA Board of Directors must approve any amendment to the Contract between the EAA and Texas AgriLife.

Industrial Permit Holders

Use	Pool Name	Entity Name	Pumped YTD	2012 Authorization	2012 CPM Reduction	2012 Reduced Authorization	2012 Compliance
Industrial	San Antonio	San Antonio Water System - Formerly Bexar Metrc	24,755.988	35,585.484	0.217	27,863.434	3,107.446
Industrial	San Antonio	City of San Antonio - CPS	161.906	3,064.094	0.217	2,399.186	2,237.280
Industrial	San Antonio	Flying W Properties, Ltd.	783.326	3,411.245	0.217	2,671.005	1,887.679
Industrial	San Antonio	Cemex Construction Materials Pacific, LLC	489.030	2,288.225	0.217	1,791.680	1,302.650
Industrial	San Antonio	Southwest Research Institute	361.944	1,210.000	0.217	947.430	585.486
Industrial	San Antonio	Dean Word Company, Ltd.	0.000	658.731	0.217	515.786	515.786
Industrial	San Antonio	SFD/Medio Creek Land Partnership, LTD.	0.000	500.000	0.217	391.500	391.500
Industrial	San Antonio	Alamo Concrete Products Company	476.521	1,036.416	0.217	811.514	334.993
Industrial	San Antonio	Cemex USA Cement of Texas, L.P.	466.800	933.974	0.217	731.302	264.502
Industrial	San Antonio	Lone Star Growers L.P., a Delaware limited partner	719.551	1,234.170	0.217	966.355	246.804
Industrial	San Antonio	Uptmore Family Limited Partnership	2.476	275.000	0.217	215.325	212.849
Industrial	San Antonio	Acres, Agua & Ag Ltd.	0.000	257.836	0.217	201.886	201.886
Industrial	San Antonio	Alamo Cement Company	182.809	489.000	0.217	382.887	200.078
Industrial	San Antonio	Tim D. Word, Trustee	0.000	193.440	0.217	151.464	151.464
Industrial	San Antonio	Fred W. Middleton, Margaret Middleton Hammon	14.733	211.603	0.217	165.685	150.952
Industrial	San Antonio	SA Real Estate, LLLP	642.679	999.000	0.217	782.217	139.538
Industrial	Uvalde	Uvalde Concrete dba Southwest Aggregates Inc.	80.895	259.119	0.169	215.328	134.433
Industrial	San Antonio	Southwest Independent School District	128.348	333.447	0.217	261.089	132.741
Industrial	San Antonio	San Antonio Resort Limited Partners, L.P.	433.769	723.467	0.217	566.475	132.706
Industrial	San Antonio	Texas State University	406.593	666.809	0.217	522.111	115.518
Industrial	San Antonio	SCI Texas Funeral Services, Inc. dba Sunset Memor	64.760	226.585	0.217	177.416	112.656
Industrial	San Antonio	Texas State University	857.101	1,237.525	0.217	968.982	111.881
Industrial	San Antonio	Sea World of Texas, Inc.	507.336	786.991	0.217	616.214	108.878
Industrial	San Antonio	Houston H. Harte and wife, Carolyn Harte	199.153	393.133	0.217	307.823	108.670
Industrial	San Antonio	Martin Marietta Materials Southwest, Inc., a Texas	3,097.228	4,087.000	0.217	3,200.121	102.893
Industrial	San Antonio	Capitol Aggregates, Inc.	185.216	357.088	0.217	279.600	94.384
Industrial	San Antonio	Meredith Aldridge and David Aldridge	0.000	117.000	0.217	91.611	91.611
Industrial	San Antonio	Waste Management of Texas, Inc./Covel Gardens I	19.963	142.000	0.217	111.186	91.223
Industrial	San Antonio	The Melton Company	22.588	145.022	0.217	113.552	90.964
Industrial	San Antonio	WSG Club at Sonterra IV, L.P.	148.534	300.000	0.217	234.900	86.366

Industrial Permit Holders

Industrial	San Antonio	United Services Automobile Association (USAA)	84.348	216.000	0.217	169.128	84.780
Industrial	San Antonio	Pate-Chen Investments, LLC d/b/a Northcliffe Golf	0.000	100.000	0.217	78.300	78.300
Industrial	San Antonio	Texas State University	0.154	97.546	0.217	76.379	76.225
Industrial	San Antonio	City of Live Oak Economic Development Corporatic	0.000	93.000	0.217	72.819	72.819
Industrial	Uvalde	Hartung Brothers, Inc.	4.204	91.841	0.169	76.320	72.116
Industrial	San Antonio	W. Michael Humphreys and Candace P. Humphrey	23.536	120.000	0.217	93.960	70.424
Industrial	San Antonio	Retama Partners, Ltd.	82.065	186.000	0.217	145.638	63.573
Industrial	San Antonio	13095 Ltd., a Texas Limited Partnership	0.000	80.000	0.217	62.640	62.640
Industrial	San Antonio	Division Laundry & Cleaners, Inc.	72.830	172.119	0.217	134.769	61.939
Industrial	San Antonio	Martin Marietta Materials Southwest, Inc., a Texas	1,799.964	2,375.000	0.217	1,859.625	59.661
Industrial	San Antonio	San Antonio Packing Company	9.053	87.572	0.217	68.569	59.516
Industrial	San Antonio	Sophora Ltd d/b/a Los Patios	12.606	87.884	0.217	68.813	56.207
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Industrial	San Antonio	Alamo City Youth Soccer Organization	77.617	166.000	0.217	129.978	52.361
Industrial	San Antonio	San Antonio Country Club, Incorporated	9.012	76.000	0.217	59.508	50.496
Industrial	San Antonio	Texas Biomedical Research Institute	141.104	242.176	0.217	189.624	48.520
Industrial	San Antonio	North East Independent School District	0.000	60.582	0.217	47.436	47.436
Industrial	San Antonio	Santa Rosa Medical Center	27.545	93.452	0.217	73.173	45.628
Industrial	San Antonio	United Services Automobile Association (USAA)	92.031	175.255	0.217	137.225	45.194
Industrial	San Antonio	Hunter and Kita Schuehle	0.000	54.253	0.217	42.480	42.480
Industrial	San Antonio	Scott Petty, Jr., Joan Petty,Susan P. Arnim, Scott J.	0.000	53.000	0.217	41.499	41.499
Industrial	San Antonio	Union Stock Yards San Antonio, Inc.	0.000	52.819	0.217	41.357	41.357
Industrial	San Antonio	Martin Marietta Materials Southwest, Inc., a Texas	18.201	75.651	0.217	59.235	41.034
Industrial	San Antonio	The Army Retirement Residence Supporting Found	27.314	87.000	0.217	68.121	40.807
Industrial	San Antonio	C.H. Guenther & Son, Inc. dba Pioneer Flour Mills	4.456	56.555	0.217	44.283	39.827
Industrial	San Antonio	Myrtle LaVerne Weir Fischer	0.529	46.591	0.217	36.481	35.952
Industrial	San Antonio	L&H Leasing Co., Ltd., a Texas limited partnership	531.618	720.336	0.217	564.023	32.405
Industrial	San Antonio	Bad Schloss, Inc.	0.000	40.970	0.217	32.080	32.080
Industrial	San Antonio	Intertek Caleb Brett U.S.A., Inc.	56.543	111.107	0.217	86.997	30.454
Industrial	Uvalde	Vulcan Construction Materials, L.P.	12.771	50.457	0.169	41.930	29.159
Industrial	San Antonio	Sisters of Charity of the Incarnate Word	0.000	37.161	0.217	29.097	29.097
Industrial	San Antonio	St. Anthony's Catholic High School (Texas), Inc.	7.434	46.278	0.217	36.236	28.802
Industrial	San Antonio	Babcock Road 165, Ltd	10.761	50.000	0.217	39.150	28.389
Industrial	San Antonio	WSG Silverhorn IV, LP, a Delaware limited partners	185.057	272.000	0.217	212.976	27.919
Industrial	San Antonio	Lambeth Building Company	0.580	34.558	0.217	27.059	26.479
Industrial	San Antonio	Gene J. Sirizzotti and Dianne Sirizzotti	5.484	40.000	0.217	31.320	25.836
Industrial	San Antonio	Napco Precast LLC	0.000	32.599	0.217	25.525	25.525
Industrial	San Antonio	San Marcos Baptist Academy	60.730	110.026	0.217	86.150	25.420
Industrial	San Antonio	Apartment REIT Hidden Lakes, LP	6.332	40.000	0.217	31.320	24.988
Industrial	San Antonio	Medina Valley Independent School District	50.323	95.461	0.217	74.746	24.423

Industrial Permit Holders

Industrial	Uvalde	Briscoe Ranch, Inc. and Archie A. McFadin, Jr.	1.928	30.178	0.169	25.078	23.150
Industrial	San Antonio	Archbishop of San Antonio- Holy Cross Cemetery	13.067	45.000	0.217	35.235	22.168
Industrial	San Antonio	Houston Fruitland Inc.	37.177	75.700	0.217	59.273	22.096
Industrial	San Antonio	Edgewater Homeowners Association, Inc., a Texas	25.122	60.000	0.217	46.980	21.858
Industrial	San Antonio	William E. Schultz, Jr. and wife, Pamela M. Schultz	5.970	33.850	0.217	26.505	20.535
Industrial	San Antonio	Sports America, S.A., Ltd., d/b/a Gunn Sports Park	18.625	50.000	0.217	39.150	20.525
Industrial	San Antonio	Hondo Ranch Properties, LLC	114.998	173.000	0.217	135.459	20.461
Industrial	San Antonio	John B. Sanfilippo & Son, Inc.	27.676	59.418	0.217	46.524	18.848
Industrial	San Antonio	City of San Antonio - Parks and Rec (Tobin site)	5.109	30.000	0.217	23.490	18.381
Industrial	San Antonio	Baptist Child & Family Services	6.121	30.000	0.217	23.490	17.369
Industrial	San Antonio	Northern Hills Management Corp.	139.355	200.000	0.217	156.600	17.245
Industrial	San Antonio	Joe Caruso Golf, Inc.	3.956	27.000	0.217	21.141	17.185
Industrial	San Antonio	Alamo Concrete Products Company	9.471	33.625	0.217	26.328	16.857
Industrial	San Antonio	Petty Group, LLP	0.000	21.286	0.217	16.667	16.667
Industrial	San Antonio	Alamo Concrete Products Company	9.996	33.290	0.217	26.066	16.070
Industrial	San Antonio	Kiolbassa Provision Co., Inc.	2.788	24.039	0.217	18.823	16.035
Industrial	San Antonio	The Golf Clubs of Texas, LLC.	215.092	295.000	0.217	230.985	15.893
Industrial	San Antonio	Melvin Nolte, Jr.	0.000	20.000	0.217	15.660	15.660
Industrial	San Antonio	River City Community Church	0.000	20.000	0.217	15.660	15.660
Industrial	San Antonio	Sunshine Industries	117.761	170.295	0.217	133.341	15.580
Industrial	San Antonio	Scott Petty, Jr.	0.000	19.714	0.217	15.436	15.436
Industrial	San Antonio	M.G. Building Materials, Inc.	5.706	27.000	0.217	21.141	15.435
Industrial	Uvalde	Tejas Ice Company, Inc.	0.000	18.131	0.169	15.067	15.067
Industrial	San Antonio	Martin Marietta Materials Southwest, Inc., a Texas	11.652	33.664	0.217	26.359	14.707
Industrial	San Antonio	Williams Brothers Construction Co., Inc.	1.353	20.000	0.217	15.660	14.307
Industrial	San Antonio	Brauntex Materials Inc.	11.009	32.040	0.217	25.087	14.078
Industrial	San Antonio	Mark A. Miller, Trustee and Lisa R. Miller, Trustee	57.999	91.402	0.217	71.568	13.569
Industrial	San Antonio	Greater Helotes Little League	0.904	15.833	0.217	12.397	11.493
Industrial	San Antonio	Vulcan Construction Materials, L.P.	2.770	18.099	0.217	14.172	11.402
Industrial	San Antonio	Wilkins Texas Corporation	162.186	221.544	0.217	173.469	11.283
Industrial	San Antonio	Archbishop of San Antonio-San Fernando Cemeter	12.626	30.000	0.217	23.490	10.864
Industrial	San Antonio	North East Independent School District	2.062	16.461	0.217	12.889	10.827
Industrial	San Antonio	Dr. Dale Wood and wife, Mertie Wood	34.239	57.286	0.217	44.855	10.616
Industrial	San Antonio	Lattimore Ready Mix, LLC dba Lattimore Materials	28.605	50.000	0.217	39.150	10.545
Industrial	San Antonio	Tejas Valley, Inc.	8.646	24.254	0.217	18.991	10.345
Industrial	San Antonio	TT-The Heritage, Ltd.	3.901	18.000	0.217	14.094	10.193
Industrial	San Antonio	Heidelberg Lodges, Ltd.	1.917	15.000	0.217	11.745	9.828
Industrial	San Antonio	Windcrest Golf Club, Inc.	50.625	77.126	0.217	60.390	9.765
Industrial	San Antonio	Joseph E. Van Hecke and wife, Laurine Van Hecke	9.892	25.000	0.217	19.575	9.683
Industrial	San Antonio	Our Lady of the Lake Univ.	51.690	78.039	0.217	61.105	9.415
Industrial	San Antonio	Blazo Real Estate Partners, Ltd.	0.541	11.951	0.217	9.358	8.817
Industrial	San Antonio	Jack Bernal	0.000	11.000	0.217	8.613	8.613
Industrial	San Antonio	Milberger Landscaping, Inc.	24.691	42.484	0.217	33.265	8.574

Industrial Permit Holders

Industrial	San Antonio	North East Independent School District	0.001	10.275	0.217	8.045	8.044
Industrial	San Antonio	Bexar County Hospital District	0.000	10.000	0.217	7.830	7.830
Industrial	San Antonio	Electron Acquisitions, LLC	0.000	10.000	0.217	7.830	7.830
Industrial	San Antonio	Methodist Specialty & Transplant Hospital	0.235	10.000	0.217	7.830	7.595
Industrial	San Antonio	Timothy Moravits and Jeri Moravits	0.238	10.000	0.217	7.830	7.592
Industrial	San Antonio	Martin Marietta Materials Southwest, Inc., a Texas	0.000	9.500	0.217	7.439	7.439
Industrial	San Antonio	Bracken Industrial Park Owners Assoc. Inc.	3.500	13.967	0.217	10.936	7.436
Industrial	San Antonio	St. Mary's University of San Antonio, Texas	36.085	55.556	0.217	43.500	7.415
Industrial	San Antonio	Keith Zars Pools, Ltd.	4.849	15.000	0.217	11.745	6.896
Industrial	San Antonio	Newell Commercial Properties, LP	0.000	8.507	0.217	6.661	6.661
Industrial	San Antonio	Chrismari, Inc.	118.564	159.738	0.217	125.075	6.511
Industrial	Uvalde	Robert B. Nunley, Jr. and Richard H. Nunley	19.985	31.791	0.169	26.418	6.433
Industrial	San Antonio	Rio Perla Properties, L.P., a Texas limited partners	0.000	7.741	0.217	6.061	6.061
Industrial	Uvalde	JEEBE, LLC	0.000	7.176	0.169	5.963	5.963
Industrial	San Antonio	Rochelle Golf Club, Inc.	53.138	75.000	0.217	58.725	5.587
Industrial	San Antonio	TXI Operations, L.P.	200.355	262.730	0.217	205.718	5.363
Industrial	San Antonio	Dean Word Company, Ltd.	1.445	8.378	0.217	6.560	5.115
Industrial	San Antonio	UC 2, LTD	0.000	6.378	0.217	4.994	4.994
Industrial	San Antonio	Artesia Springs, LLC	8.828	17.506	0.217	13.707	4.879
Industrial	San Antonio	Episcopal Church Corporation in West Texas	3.103	9.824	0.217	7.692	4.589
Industrial	San Antonio	National Skeet Shooting Association	10.738	19.500	0.217	15.269	4.531
Industrial	San Antonio	George Ray Braun dba Auge Building Co.	0.007	5.590	0.217	4.377	4.370
Industrial	San Antonio	Towne Lake Garden Association, Inc.	19.557	30.000	0.217	23.490	3.933
Industrial	San Antonio	RMR Carper's Creek, LTD., a Texas limited partners	0.000	5.000	0.217	3.915	3.915
Industrial	San Antonio	Alamo Team Properties, LLC	0.000	5.000	0.217	3.915	3.915
Industrial	San Antonio	Amazing Grace Lutheran Church	0.043	5.000	0.217	3.915	3.872
Industrial	San Antonio	Oakwell Farms Homeowners Association	3.322	9.169	0.217	7.179	3.857
Industrial	San Antonio	Andrea Sanger	7.352	14.251	0.217	11.159	3.807
Industrial	San Antonio	Ingram Readymix San Antonio Number One, Ltd.	19.696	30.000	0.217	23.490	3.794
Industrial	San Antonio	Richard Heller & Assoc. LLC	0.194	5.000	0.217	3.915	3.721
Industrial	Uvalde	J.E. Willingham IV and M.K. Chandler	1.273	5.984	0.169	4.973	3.700
Industrial	San Antonio	Beck Readymix Concrete Company	20.641	31.066	0.217	24.325	3.684
Industrial	San Antonio	Alamo Garden, Inc., a Texas corporation	0.295	5.000	0.217	3.915	3.620
Industrial	San Antonio	William R. Long	0.327	5.000	0.217	3.915	3.588
Industrial	San Antonio	Roy Q. Heath	0.390	5.000	0.217	3.915	3.525
Industrial	San Antonio	University of the Incarnate Word	1.251	6.000	0.217	4.698	3.447
Industrial	San Antonio	Devin "Buck" D. and Cyrena C. Benson	0.000	4.250	0.217	3.328	3.328

Industrial Permit Holders

Industrial	San Antonio	Antique Rose Emporium	4.506	10.000	0.217	7.830	3.324
Industrial	San Antonio	Grace E. Rollins	0.720	5.000	0.217	3.915	3.195
Industrial	San Antonio	Alamo Area Council - Boy Scouts of America	4.718	10.000	0.217	7.830	3.112
Industrial	Uvalde	DLTS Packing LLC	0.212	4.000	0.169	3.324	3.112
Industrial	San Antonio	Lomas Construction, Inc.	0.000	3.000	0	3.000	3.000
Industrial	San Antonio	Randall K. and Sue Hoover	0.000	3.000	0	3.000	3.000
Industrial	San Antonio	Traders Village, Ltd. and J.C. Pace, Ltd.	0.000	3.000	0	3.000	3.000
Industrial	San Antonio	Coker United Methodist Church	0.135	4.000	0.217	3.132	2.997
Industrial	San Antonio	Debra King-Smith, Taunya G. Murphy, Kandee J.W.	0.112	3.000	0	3.000	2.888
Industrial	San Antonio	Martin Marietta Materials Southwest, Inc., a Texas	1.045	5.000	0.217	3.915	2.870
Industrial	San Antonio	IBG Enterprises LLC	11.694	18.553	0.217	14.527	2.833
Industrial	San Antonio	Bohls Bearing Limited Partnership	0.000	3.250	0.217	2.545	2.545
Industrial	San Antonio	Christ Our King Anglican Church	0.486	3.000	0	3.000	2.514
Industrial	San Antonio	Briggs Ranch Golf Club, L.L.C.	316.357	407.000	0.217	318.681	2.324
Industrial	San Antonio	New Fountain United Methodist Church Board of T	0.845	4.000	0.217	3.132	2.287
Industrial	San Antonio	Stanley G. Winchester	1.011	4.203	0.217	3.291	2.280
Industrial	San Antonio	Robert D. Kolitz and Sandora J. Kolitz	18.935	27.000	0.217	21.141	2.206
Industrial	San Antonio	Robert L. Cooper	0.577	2.779	0	2.779	2.202
Industrial	San Antonio	Tejas Trust Partnership	0.828	3.000	0	3.000	2.172
Industrial	Uvalde	Driskill Feedyard, Inc.	12.679	17.752	0.169	14.752	2.073
Industrial	San Antonio	Quarter Moon Properties, L.L.C.	1.866	5.000	0.217	3.915	2.049
Industrial	San Antonio	Alamo Garden, Inc., a Texas corporation	0.000	2.000	0	2.000	2.000
Industrial	San Antonio	Exxon Mobil Corporation	0.000	2.000	0	2.000	2.000
Industrial	San Antonio	City of San Antonio	1.037	2.990	0	2.990	1.953
Industrial	San Antonio	Pierce Sitework, LLC	1.118	3.000	0	3.000	1.882
Industrial	San Antonio	Gilbert A. Barrera and wife Eloisa F. Barrera, and D	0.126	2.000	0	2.000	1.874
Industrial	San Antonio	Richardo Q. Venegas and Olga Venegas	0.159	2.000	0	2.000	1.841
Industrial	San Antonio	Allan B. Black and Barbara Black	0.166	2.000	0	2.000	1.834
Industrial	San Antonio	AAG Center L.L.C., a Texas limited liability company	0.181	2.000	0	2.000	1.819
Industrial	San Antonio	Texas Cox Partnership, Ltd.	0.872	2.666	0	2.666	1.794
Industrial	San Antonio	Alamo Concrete Products Company	0.000	1.669	0	1.669	1.669
Industrial	San Antonio	Russell Bros. Cattle Co.	177.149	228.321	0.217	178.775	1.626
Industrial	San Antonio	Jackie Cones	1.587	4.000	0.217	3.132	1.545
Industrial	San Antonio	Azzos Abdoh	1.474	3.000	0	3.000	1.526
Industrial	San Antonio	Capitol Aggregates, Inc.	1.870	4.275	0.217	3.347	1.477
Industrial	San Antonio	Country Estates Recreational Association, Inc.	1.605	3.000	0	3.000	1.395
Industrial	San Antonio	Calab Inc.	1.777	4.000	0.217	3.132	1.355
Industrial	San Antonio	Mort Roszell Company, Inc.	6.212	9.662	0.217	7.565	1.353
Industrial	San Antonio	Young Men's Christian Association of San Antonio	11.250	16.000	0.217	12.528	1.278
Industrial	San Antonio	John R. Delgado	10.860	15.500	0.217	12.137	1.277
Industrial	San Antonio	Tycor, Inc.	2.642	5.000	0.217	3.915	1.273
Industrial	San Antonio	Old Ranch Rd Holding Company, a Texas corporation	0.254	1.500	0	1.500	1.246
Industrial	San Antonio	Bill Hinds	1.836	3.000	0	3.000	1.164

Industrial Permit Holders

Industrial	San Antonio	San Antonio Museum of Art	7.024	10.439	0.217	8.174	1.150
Industrial	San Antonio	PCH Partnership	0.886	2.000	0	2.000	1.114
Industrial	San Antonio	Charles R. Swart	0.175	1.250	0	1.250	1.075

Industrial Permit Holders

Industrial	San Antonio	Carma Blanco Vista, LLC a Texas limited partnershi	13.042	18.000	0.217	14.094	1.052
Industrial	Uvalde	Hunter and Kita Schuehle	7.263	10.000	0.169	8.310	1.047
Industrial	San Antonio	John H. Luna	0.964	2.000	0	2.000	1.036
Industrial	San Antonio	First Baptist Church of San Marcos, Texas	0.985	2.000	0	2.000	1.015
Industrial	San Antonio	Archbishop of San Antonio - St. John Neumann Ro	0.000	1.000	0	1.000	1.000
Industrial	Uvalde	Frank Harrison d.b.a Harrison Body Shop	0.000	1.000	0	1.000	1.000
Industrial	San Antonio	Oxford United Methodist Church, Inc.	0.000	1.000	0	1.000	1.000
Industrial	San Antonio	The Palms Courtyard Villas, LLC	0.000	1.000	0	1.000	1.000
Industrial	San Antonio	Tuleta C. White	0.000	1.000	0	1.000	1.000
Industrial	San Antonio	William J Bordelon Post 4700 Veterans of Foreign V	0.000	1.000	0	1.000	1.000
Industrial	San Antonio	Christopher Schober	0.000	1.000	0	1.000	1.000
Industrial	San Antonio	Church of Christ of New Braunfels	0.000	1.000	0	1.000	1.000
Industrial	San Antonio	San Antonio Conservation Society Foundation	0.000	1.000	0	1.000	1.000
Industrial	San Antonio	Glenn H. Kothmann	0.000	1.000	0	1.000	1.000
Industrial	San Antonio	Trustees of the Valley Hi Congregation of Jehovah's	0.000	1.000	0	1.000	1.000
Industrial	Uvalde	Tim W. Ligocky	0.000	1.000	0	1.000	1.000
Industrial	San Antonio	Grace Point Church	2.416	4.356	0.217	3.411	0.995
Industrial	San Antonio	Doug Boazman and wife, Debbie Boazman	0.011	1.000	0	1.000	0.989
Industrial	San Antonio	Wallace L. Boldt General Contractor, Inc.	0.039	1.000	0	1.000	0.961
Industrial	San Antonio	Matheson Tri-gas	0.041	1.000	0	1.000	0.959
Industrial	San Antonio	Waring Investments, Inc.	0.043	1.000	0	1.000	0.957
Industrial	San Antonio	Moises Villegas	0.046	1.000	0	1.000	0.954
Industrial	San Antonio	John Lenz	0.059	1.000	0	1.000	0.941
Industrial	San Antonio	Majjessimo Group LLC	0.060	1.000	0	1.000	0.940
Industrial	San Antonio	Edwin Lee Baumann and Kevin A. Baumann, husba	0.570	1.500	0	1.500	0.930
Industrial	San Antonio	Medina Agriculture Products	1.847	3.540	0.217	2.772	0.925
Industrial	San Antonio	James T. Foulkrod	0.106	1.000	0	1.000	0.894
Industrial	San Antonio	Theodore Walton Gray	0.107	1.000	0	1.000	0.893
Industrial	San Antonio	Oak Hills Country Club	96.984	125.000	0.217	97.875	0.891
Industrial	San Antonio	Yuras Brothers, LLC	0.118	1.000	0	1.000	0.882
Industrial	San Antonio	Rodolfo C. Reyna and wife, Dina M. Reyna d.b.a Te	0.118	1.000	0	1.000	0.882
Industrial	San Antonio	John P. Pfeiffer III and Alice L. Diamant, husband an	1.272	2.138	0	2.138	0.866
Industrial	San Antonio	Sterling R. Cruger & Elizabeth A. Homan	1.159	2.000	0	2.000	0.841
Industrial	San Antonio	Grace Orthodox Presbyterian Church	0.659	1.500	0	1.500	0.841
Industrial	San Antonio	Broadway Motel/Mac Patel (previous Bulvedere M	0.162	1.000	0	1.000	0.838
Industrial	San Antonio	Shawn O'Haver	0.163	1.000	0	1.000	0.837
Industrial	San Antonio	Pierce Hardy Limited Partnership dba 84 Lumber Y	0.165	1.000	0	1.000	0.835
Industrial	San Antonio	Gary L. Cram and wife, Kim L. Cram	0.165	1.000	0	1.000	0.835
Industrial	San Antonio	Glenn Graham & Wife, Lillie Graham	0.167	1.000	0	1.000	0.833
Industrial	San Antonio	South Hays Emergency Services District Number 3	0.232	1.000	0	1.000	0.768
Industrial	San Antonio	Randy L. & Frances S. Heaton	0.239	1.000	0	1.000	0.761
Industrial	San Antonio	Susan K. England	0.251	1.000	0	1.000	0.749
Industrial	San Antonio	Helotes Festival Association	0.257	1.000	0	1.000	0.743

Industrial Permit Holders

Industrial	San Antonio	Darryl J. Bippert	3.183	5.000	0.217	3.915	0.732
Industrial	San Antonio	Jon E. Olsen	0.270	1.000	0	1.000	0.730
Industrial	San Antonio	Jimmy Mumme and Becky Mumme	3.976	6.000	0.217	4.698	0.722
Industrial	San Antonio	Archbishop of San Antonio - St Joan of Arc Catholic	2.291	3.819	0.217	2.990	0.699
Industrial	San Antonio	George F. Robbins, Sr. as Trustee of the George F. I	0.308	1.000	0	1.000	0.692
Industrial	San Antonio	C&S Joint Venture	0.073	0.750	0	0.750	0.677
Industrial	San Antonio	Mostyn Enterprises, Inc.	0.925	1.600	0	1.600	0.675
Industrial	San Antonio	William D. Morris	0.347	1.000	0	1.000	0.653
Industrial	San Antonio	Ricki R. Stone and wife, Pamela J. Stone	0.358	1.000	0	1.000	0.642
Industrial	San Antonio	Carma Paso Robles, LLC	0.362	1.000	0	1.000	0.638
Industrial	San Antonio	MD Automotive, LLC	0.374	1.000	0	1.000	0.626
Industrial	San Antonio	Resurrection Baptist Church dba Redland Oaks Cor	0.390	1.000	0	1.000	0.610
Industrial	San Antonio	River City Community Church	0.390	1.000	0	1.000	0.610
Industrial	San Antonio	Kyle C. Jividen	0.393	1.000	0	1.000	0.607
Industrial	San Antonio	Trimac Transportation Central Inc.	1.347	1.952	0	1.952	0.605
Industrial	San Antonio	Guerra & Reyna Investments, LP.	1.406	2.000	0	2.000	0.594
Industrial	San Antonio	Kimberley Ann Gunnarson	0.000	0.570	0	0.570	0.570
Industrial	San Antonio	San Antonio A&M Club Foundation of San Antonio	0.875	1.425	0	1.425	0.550
Industrial	San Antonio	Bracken Volunteer Fire Department, A Texas Non-I	0.220	0.760	0	0.760	0.540
Industrial	Uvalde	Atkinson Brothers, a Texas General Partnership	0.000	0.534	0	0.534	0.534
Industrial	San Antonio	Nancy Moore	1.478	2.000	0	2.000	0.522
Industrial	San Antonio	Mission Ice & Fuel Co.	0.000	0.500	0	0.500	0.500
Industrial	San Antonio	Gulf Latin America District Council of the Assembli	0.000	0.500	0	0.500	0.500
Industrial	San Antonio	Thigh High Gardens, LLC	0.000	0.500	0	0.500	0.500
Industrial	San Antonio	Biel Properties, LLC	0.000	0.500	0	0.500	0.500
Industrial	Uvalde	Amerigas Propane, L.P.	0.006	0.500	0	0.500	0.494
Industrial	San Antonio	Willcox & Associates Inc., a Texas corporation	0.964	1.425	0	1.425	0.461
Industrial	San Antonio	Milam Bulverde Development, LLC	0.040	0.500	0	0.500	0.460
Industrial	San Antonio	Mr. W Fireworks, Inc. (Wayne Wildman)	0.055	0.500	0	0.500	0.445
Industrial	San Antonio	Muriel L. Logue	0.058	0.500	0	0.500	0.442
Industrial	San Antonio	Calvin W. Henley and Linda Sue Henley	0.068	0.500	0	0.500	0.432
Industrial	San Antonio	Promiseland San Marcos	1.581	2.000	0	2.000	0.419
Industrial	San Antonio	Mark Lombardi and Cynthia A. Lombardi	0.585	1.000	0	1.000	0.415
Industrial	San Antonio	Knowlton Properties, Ltd.	1.617	2.000	0	2.000	0.383
Industrial	San Antonio	The Life Center Christian Fellowship	0.142	0.500	0	0.500	0.358
Industrial	Uvalde	George E. Ligocky	0.000	0.356	0	0.356	0.356
Industrial	San Antonio	Jaylee, Ltd.	0.000	0.356	0	0.356	0.356
Industrial	San Antonio	Robert C. Haney	0.007	0.356	0	0.356	0.349
Industrial	San Antonio	Hills Subdivision Partnership, LLC	2.442	3.563	0.217	2.790	0.348
Industrial	San Antonio	TDS Land Management, L.P.	0.679	1.000	0	1.000	0.321
Industrial	San Antonio	Thomason Funeral Home, Inc.	1.684	2.000	0	2.000	0.316
Industrial	Uvalde	Don Weston Alspaugh and wife, Carolyn Emma Als	0.043	0.356	0	0.356	0.313
Industrial	San Antonio	SAMT Holdings, L.L.C.	0.693	1.000	0	1.000	0.307

Industrial Permit Holders

Industrial	San Antonio	Shirley Rogers	0.710	1.000	0	1.000	0.290
Industrial	San Antonio	Hunter Road Investments L.L.C.	5.196	7.000	0.217	5.481	0.285
Industrial	San Antonio	Willtex Stores, L.P.	0.715	1.000	0	1.000	0.285
Industrial	San Antonio	Gerald W. Harrell aka The Garden Center	5.991	8.000	0.217	6.264	0.273
Industrial	San Antonio	Redland Partners	0.729	1.000	0	1.000	0.271
Industrial	San Antonio	Daniel C. & June M. Fordiani	0.230	0.500	0	0.500	0.270
Industrial	San Antonio	Liquid Environmental Solutions of Texas, L.P.	2.866	4.000	0.217	3.132	0.266
Industrial	San Antonio	CMC Fabricators, Inc. dba CMC Rebar San Antonio	0.751	1.000	0	1.000	0.249
Industrial	San Antonio	Grace Bible Church of San Marcos	0.252	0.500	0	0.500	0.248
Industrial	San Antonio	David and Pamela Pocock aka Cen-Tex Fire protect	0.003	0.250	0	0.250	0.247
Industrial	San Antonio	Greg E. Stovall	0.770	1.000	0	1.000	0.230
Industrial	San Antonio	Los Barrios Del Norte, Ltd.	0.000	0.229	0	0.229	0.229
Industrial	San Antonio	Wayne Dent	9.959	13.000	0.217	10.179	0.220
Industrial	Uvalde	Hartung Brothers, Inc.	0.000	0.213	0	0.213	0.213
Industrial	San Antonio	Bracken United Methodist Church	1.790	2.000	0	2.000	0.210
Industrial	San Antonio	AT Holding - Weeden LLC	0.292	0.500	0	0.500	0.208
Industrial	San Antonio	Hot Rod Properties, Inc.	0.794	1.000	0	1.000	0.206
Industrial	San Antonio	Arnold A. Moos and Angeline A. Moos	0.104	0.300	0	0.300	0.196
Industrial	San Antonio	Bill And Wanda Lyon	0.061	0.250	0	0.250	0.189
Industrial	San Antonio	Midtex Oil, Inc.	0.000	0.178	0	0.178	0.178
Industrial	San Antonio	Yogi Atamiy, LLC, a Texas limited liability company	0.113	0.250	0	0.250	0.137
Industrial	San Antonio	Nader and Roza Shahsavary	0.869	1.000	0	1.000	0.131
Industrial	San Antonio	Forest Waters Lodge, Inc.	2.035	2.138	0	2.138	0.103
Industrial	San Antonio	Marguerite M. Ramsey	0.181	0.250	0	0.250	0.069
Industrial	San Antonio	AAA Storage Braun, LP, a Texas limited partnership	0.433	0.500	0	0.500	0.067
Industrial	San Antonio	Alliance Wire & Steel, Inc.	0.956	1.000	0	1.000	0.044
Industrial	San Antonio	Buehler Golf, Inc.	0.982	1.000	0	1.000	0.018
Industrial	San Antonio	P-2 Partners, Ltd.	0.000	0.000	0	0.000	0.000
Industrial	San Antonio	Timothy J. Hansen and Elizabeth A. Hansen	0.043	0.039	0	0.039	-0.004
Industrial	San Antonio	Hubert Timmons	1.507	1.500	0	1.500	-0.007
Industrial	Uvalde	Cary G. Spurgeon and wife, Anita C. Spurgeon	0.724	0.700	0	0.700	-0.024
Industrial	San Antonio	Hasmukh M. Patel	2.540	2.500	0	2.500	-0.040
Industrial	San Antonio	JAI Sunnydev Ltd (aka Vimal Patel)	4.175	5.279	0.217	4.133	-0.042
Industrial	San Antonio	Dean Davenport	1.075	1.000	0	1.000	-0.075
Industrial	San Antonio	AAA Self-Storage-Tyler	0.328	0.250	0	0.250	-0.078
Industrial	San Antonio	Jeffrey Eckols and Lisa Yvonne Riley	2.107	2.000	0	2.000	-0.107
Industrial	San Antonio	Arturo Lopez	15.790	20.000	0.217	15.660	-0.130
Industrial	San Antonio	John Deere Landscapes, Inc.	16.177	20.158	0.217	15.784	-0.393
Industrial	San Antonio	Oaks Commercial Association, Inc.	8.276	10.000	0.217	7.830	-0.446
Industrial	Uvalde	Gutwein Properties, LLC	1.093	0.500	0	0.500	-0.593
Industrial	San Antonio	Hugo and Eva Sanchez	4.706	5.000	0.217	3.915	-0.791
Industrial	San Antonio	4300 Centerview Drive, L.P.	1.859	1.000	0	1.000	-0.859
Industrial	San Antonio	UME, Inc., dba Camp Huaco Springs	8.759	9.563	0.217	7.488	-1.271

Industrial Permit Holders

Industrial	San Antonio	Kimberly Kaye Schoenholz	2.662	1.000	0	1.000	-1.662
Industrial	San Antonio	San Antonio Wranglers, LLC	7.275	7.000	0.217	5.481	-1.794
Industrial	San Antonio	Zachry Industrial, Inc.	1,008.734	1,285.000	0.217	1,006.155	-2.579

Industrial Permit Holders

Industrial	San Antonio	Hanson Aggregates LLC	883.879	1,125.000	0.217	880.875	-3.004
Industrial	San Antonio	Empire Structural Steel, Inc.	4.834	1.000	0	1.000	-3.834
Industrial	San Antonio	Larry J. Alexander	8.773	0.000	0	0.000	-8.773
Industrial	San Antonio	Hydro Conduit of Texas, LP	10.039	0.732	0	0.732	-9.307
Industrial	San Antonio	Vincent K. Ney	48.793	50.000	0.217	39.150	-9.643
Industrial	San Antonio	Louis Vance and wife, Vivian M. Vance	43.889	42.113	0.217	32.974	-10.915
Industrial	San Antonio	Chemical Lime, Ltd.	98.969	110.000	0.217	86.130	-12.839
Industrial	San Antonio	C & K Materials Co., Inc.	15.790	1.000	0	1.000	-14.790
Industrial	San Antonio	Scott Petty, Jr., Joan Petty,Susan P. Arnim, Scott J.	200.096	236.000	0.217	184.788	-15.308
Industrial	San Antonio	City of San Antonio - Zoo	2,170.900	2,750.004	0.217	2,153.253	-17.647
Industrial	San Antonio	Surlean Meat Company	167.205	177.135	0.217	138.697	-28.508
Industrial	San Antonio	City of San Antonio	60.207	40.000	0.217	31.320	-28.887
Industrial	San Antonio	777 Operating Company	32.395	1.000	0	1.000	-31.395
Industrial	San Antonio	Martin Marietta Materials Southwest, Inc., a Texas	205.416	35.000	0.217	27.405	-178.011
Industrial	San Antonio	Vulcan Construction Materials, L.P.	1,900.139	1,976.000	0.217	1,547.208	-352.931
				Pumpers with less than 50 ac-ft remaining			1,466.822
				Pumpers with greater than 50 ac-ft remaining			14,423.080
				Pumpers with greater than 100 ac-ft remaining			12,991.268

Municipal Permit Holders

Use	Pool Name	Entity Name	Pumped YTD	2012 Authorization	2012 CPM Reduction	2012 Reduced Authorization	2012 Compliance
Municipal	San Antonio	San Antonio Water System	194,798.331	259,795.555	0.217	203,419.920	8,621.589
Municipal	San Antonio	New Braunfels Utilities	4,548.171	9,194.985	0.217	7,199.673	2,651.502
Municipal	San Antonio	City of San Marcos	1,002.223	4,008.423	0.217	3,138.595	2,136.372
Municipal	Uvalde	City of Uvalde	3,807.578	5,567.532	0.169	4,626.619	819.041
Municipal	San Antonio	City of Live Oak	1,169.175	2,526.824	0.217	1,978.503	809.328
Municipal	San Antonio	City of Leon Valley	1,097.376	2,261.428	0.217	1,770.698	673.322
Municipal	San Antonio	City of Schertz	77.722	954.076	0.217	747.042	669.320
Municipal	San Antonio	Green Valley Special Utility District	1,342.911	2,404.872	0.217	1,883.015	540.104
Municipal	San Antonio	City of Converse	1,658.558	2,700.878	0.217	2,114.787	456.229
Municipal	San Antonio	East Medina County Special Utility District	900.104	1,638.172	0.217	1,282.689	382.585
Municipal	San Antonio	City of Shavano Park	612.590	1,269.242	0.217	993.816	381.226
Municipal	San Antonio	City of Selma	559.488	1,173.743	0.217	919.041	359.553
Municipal	San Antonio	City of Devine	359.671	861.730	0.217	674.735	315.064
Municipal	San Antonio	Crystal Clear Water Supply Corporation	1,057.492	1,739.660	0.217	1,362.154	304.662
Municipal	San Antonio	Bexar County Water Control and Improvement Dis	991.484	1,625.325	0.217	1,272.629	281.145
Municipal	San Antonio	City of Hondo	1,802.974	2,607.771	0.217	2,041.885	238.911
Municipal	San Antonio	Maxwell Water Supply Corporation	0.245	298.527	0.217	233.747	233.502
Municipal	San Antonio	City of Garden Ridge	209.108	564.267	0.217	441.821	232.713
Municipal	San Antonio	City of Kirby	801.721	1,292.992	0.217	1,012.413	210.692
Municipal	San Antonio	City of Universal City	2,659.553	3,650.775	0.217	2,858.557	199.004
Municipal	San Antonio	City of Castroville	574.950	971.698	0.217	760.840	185.890
Municipal	San Antonio	City of Alamo Heights	1,962.289	2,633.194	0.217	2,061.791	99.502
Municipal	Uvalde	City of Sabinal	353.404	523.320	0.169	434.879	81.475
Municipal	San Antonio	Yancey Water Supply Corporation	729.352	1,031.852	0.217	807.940	78.588
Municipal	San Antonio	Daphne Development, LLC, a Texas limited liability	0.000	85.000	0.217	66.555	66.555
Municipal	San Antonio	Atascosa Rural Water Supply Corporation	1,230.743	1,652.481	0.217	1,293.893	63.150
Municipal	San Antonio	Air Force Village II, Incorporated	254.919	399.060	0.217	312.464	57.545
Municipal	San Antonio	West Medina Water Supply Corporation	258.511	392.140	0.217	307.046	48.535
Municipal	San Antonio	Oblate School of Theology, a Texas Non-Profit Corp	28.302	95.569	0.217	74.831	46.529
Municipal	San Antonio	City of Kyle	300.991	432.072	0.217	338.312	37.321
Municipal	San Antonio	Elm Creek Owners Association c/o AMS	6.639	50.000	0.217	39.150	32.511
Municipal	San Antonio	City of Marion	114.221	186.436	0.217	145.979	31.758
Municipal	San Antonio	City of Lytle	538.016	724.510	0.217	567.291	29.275
Municipal	San Antonio	Bernard T. Swift and Kathy L. Swift	13.799	55.000	0.217	43.065	29.266
Municipal	San Antonio	Hwy 90 Ranch Water Co.	28.380	71.560	0.217	56.031	27.651
Municipal	San Antonio	City of Natalia	219.531	306.667	0.217	240.120	20.589
Municipal	San Antonio	County Line Water Supply Corporation	209.684	291.418	0.217	228.180	18.496
Municipal	San Antonio	Zalman Resources Inc. and Mardoche Abdelhak	7.677	30.566	0.217	23.933	16.256
Municipal	San Antonio	City of La Coste	141.988	200.000	0.217	156.600	14.612
Municipal	San Antonio	New Alsace Water Supply Co.	25.031	49.543	0.217	38.792	13.761
Municipal	San Antonio	Medina River West Water Supply Corp.	107.049	153.142	0.217	119.910	12.861

Municipal Permit Holders

Municipal	San Antonio	Aqua Source Utility, Inc. a.k.a. Aqua Utilities, Inc. d	281.343	375.370	0.217	293.915	12.572
Municipal	San Antonio	Douglas Miller	6.817	23.920	0.217	18.729	11.912
Municipal	San Antonio	Wilma J. Player Trust	18.353	37.960	0.217	29.723	11.370
Municipal	San Antonio	Rio Medina Water Corp.	15.150	31.398	0.217	24.585	9.435
Municipal	San Antonio	Cadillac Water Corporation	57.631	84.857	0.217	66.443	8.812
Municipal	San Antonio	Johnnie J. Rodriguez	0.000	11.011	0.217	8.622	8.622
Municipal	San Antonio	Sahil Management Ltd.	4.469	16.687	0.217	13.066	8.597
Municipal	San Antonio	HCV Investments, LLC	7.077	19.833	0.217	15.529	8.452
Municipal	San Antonio	Rio Medina Water Corp.	30.494	49.430	0.217	38.704	8.210
Municipal	San Antonio	Presentation Sisters	2.318	12.975	0.217	10.159	7.841
Municipal	San Antonio	Nicolas Hollis and Aliece Rowland Hollis	0.000	10.000	0.217	7.830	7.830
Municipal	San Antonio	Methodist Healthcare System of San Antonio, Ltd.	0.452	9.643	0.217	7.550	7.098
Municipal	San Antonio	J. Mike Yantis, Thomas G. Yantis and Stuart Parker	8.773	20.000	0.217	15.660	6.887
Municipal	San Antonio	Jack Guenther	5.397	15.000	0.217	11.745	6.348
Municipal	San Antonio	SWWC Utilities Inc., a Delaware corporation	88.636	121.207	0.217	94.905	6.269
Municipal	San Antonio	Dennert Ware and Suzanne Ware	8.613	18.903	0.217	14.801	6.188
Municipal	San Antonio	Frank Manuel Fichtel and Lisa Meyer Fichtel	0.332	8.000	0.217	6.264	5.932
Municipal	San Antonio	James D. Rhodes	1.918	9.000	0.217	7.047	5.129
Municipal	San Antonio	Thomas H. Yates, Jr. and Deanna F. Yates	0.000	6.000	0.217	4.698	4.698
Municipal	San Antonio	1909 Ltd.	1.680	8.080	0.217	6.327	4.647
Municipal	Uvalde	Vidya Gaitonde	0.000	5.552	0.169	4.614	4.614
Municipal	San Antonio	Eugene H. Dawson, Jr. and Lori A. Dawson	0.189	6.000	0.217	4.698	4.509
Municipal	San Antonio	Daniel K. Byrom and wife, Cheri Byrom	0.000	5.700	0.217	4.463	4.463
Municipal	San Antonio	Creekwood Ranches WSC	38.142	54.265	0.217	42.489	4.347
Municipal	San Antonio	Freddie G. Kneten and Deborah A. Kneten, husban	0.000	5.500	0.217	4.307	4.307
Municipal	Uvalde	Gregory B. Tom and wife, Bonnie Tom	0.000	5.000	0.169	4.155	4.155
Municipal	San Antonio	Scott Cribley Family Limited Partnership	0.559	6.000	0.217	4.698	4.139
Municipal	San Antonio	Wiedenfeld Water Works, Inc.	7.612	15.000	0.217	11.745	4.133
Municipal	San Antonio	Stephen M. Marceau and Eve M. Marceau	2.168	8.000	0.217	6.264	4.096
Municipal	San Antonio	Vail's Trailer Sales, Inc.	2.431	8.278	0.217	6.482	4.051
Municipal	San Antonio	Steves & Sons, Inc.	0.000	5.000	0.217	3.915	3.915
Municipal	San Antonio	City of San Antonio	0.618	5.000	0.217	3.915	3.297
Municipal	San Antonio	The Albert Lee Gilliam, Jr. and Barbara L. Gilliam Li	15.234	23.533	0.217	18.426	3.192
Municipal	San Antonio	Bruce A. Haby and wife, Holly B. Haby	1.440	5.694	0.217	4.458	3.018
Municipal	San Antonio	CDR Evans, LLC	0.000	3.000	0	3.000	3.000
Municipal	San Antonio	Oblate Real Estate Trust	0.000	2.993	0	2.993	2.993
Municipal	San Antonio	Eric Myers and George E. Myers d/b/a Mockingbir	0.000	3.577	0.217	2.801	2.801
Municipal	San Antonio	Charmaine M. Youngman	0.313	3.000	0	3.000	2.687
Municipal	San Antonio	JJR Enterprises, LLC	1.628	5.000	0.217	3.915	2.287
Municipal	San Antonio	David L. Banks and Lois M. Banks	0.952	4.000	0.217	3.132	2.180
Municipal	San Antonio	Garry Lugar	1.802	5.000	0.217	3.915	2.113
Municipal	San Antonio	Archbishop of San Antonio - St. Anthony's Claret Cl	1.071	4.000	0.217	3.132	2.061
Municipal	San Antonio	Daniel J. Krueger and Deborah K. Krueger	2.259	5.500	0.217	4.307	2.048

Municipal Permit Holders

Municipal	Uvalde	County of Uvalde	0.000	2.000	0	2.000	2.000
Municipal	San Antonio	Michael D. Kinnett and Misti L. Kinnett, husband and wife	0.000	2.000	0	2.000	2.000
Municipal	San Antonio	R&R Marketing & Development	1.076	3.000	0	3.000	1.924
Municipal	San Antonio	Mark H. Herzberg Heritage Trust	4.349	8.000	0.217	6.264	1.915
Municipal	San Antonio	Melvin Zinsmeyer and wife, Jo Ann Zinsmeyer	2.025	5.000	0.217	3.915	1.890
Municipal	San Antonio	Blanco River Ranch Homeowner's Association	11.484	17.000	0.217	13.311	1.827
Municipal	San Antonio	Jacqueline J. Roerink Dally	0.182	2.000	0	2.000	1.818
Municipal	San Antonio	Believers Fellowship of San Antonio	1.030	3.500	0.217	2.741	1.711
Municipal	San Antonio	John D. Sprinkle and wife, Dorci Sprinkle	0.325	2.000	0	2.000	1.675
Municipal	San Antonio	Hilda Huth	0.861	2.500	0	2.500	1.639
Municipal	San Antonio	Mary Olivia McIntosh	0.386	2.000	0	2.000	1.614
Municipal	San Antonio	Fencecrete America, Ltd.	1.397	3.000	0	3.000	1.603
Municipal	San Antonio	Mesquite Creek Subdivision Homeowners Association	2.322	5.000	0.217	3.915	1.593
Municipal	Uvalde	Charles L. Waller	0.625	2.138	0	2.138	1.513
Municipal	San Antonio	Vernon T. Sanford, Jr.	1.513	3.000	0	3.000	1.487
Municipal	San Antonio	David B. Fillinger and Holli R. Fillinger, husband and wife	0.521	2.000	0	2.000	1.479
Municipal	San Antonio	Old Highway 90 Water Service	73.731	95.883	0.217	75.076	1.345
Municipal	San Antonio	Michael A.Frazier and Carey D. Frazier, husband and wife	1.663	3.000	0	3.000	1.337
Municipal	San Antonio	Kay Backus	0.690	2.000	0	2.000	1.310
Municipal	San Antonio	Melissa Bippert Kwapich	0.209	1.500	0	1.500	1.291
Municipal	San Antonio	Rene R. Barrientos	4.999	8.000	0.217	6.264	1.265
Municipal	San Antonio	Lee A. Michaels and Rebecca H. Michaels, husband and wife	0.769	2.000	0	2.000	1.231
Municipal	San Antonio	T.O.P. Ministries, Inc.	5.216	8.225	0.217	6.440	1.224
Municipal	San Antonio	4-D Water Company L.L.C.	51.062	66.764	0.217	52.276	1.214
Municipal	San Antonio	South Central Conference, United Church of Christ	2.313	4.485	0.217	3.512	1.199
Municipal	San Antonio	Lawrence Nathan Elder and Eleanor Hill Elder, husband and wife	0.854	2.000	0	2.000	1.146
Municipal	San Antonio	Oscar Guerrero	1.908	3.000	0	3.000	1.092
Municipal	San Antonio	Carlos L. Munoz Sr.	5.182	8.000	0.217	6.264	1.082
Municipal	San Antonio	Dr. Pompilio L. Alfaro and Dr. Caridad A. Alfaro	0.000	1.000	0	1.000	1.000
Municipal	Uvalde	Gustavo R. Sorola and Elva N. Sorola	0.000	1.000	0	1.000	1.000
Municipal	San Antonio	Christopher O. Warden and Luana Warden, husband and wife	0.000	1.000	0	1.000	1.000
Municipal	San Antonio	Harlton Hemphill and Wendy Hemphill, husband and wife	0.000	1.000	0	1.000	1.000
Municipal	Uvalde	Scott D. Bond and wife, Pamie L. Bond	0.000	1.000	0	1.000	1.000
Municipal	San Antonio	Rodney Ray Lewis and Kimberly S. Lewis	0.000	1.000	0	1.000	1.000
Municipal	San Antonio	Kelly Sutton	0.000	1.000	0	1.000	1.000
Municipal	San Antonio	Trey W. Tschrihart and Lorin M. Tschirhart	0.000	1.000	0	1.000	1.000
Municipal	San Antonio	Pierre S. Melcher	0.000	1.000	0	1.000	1.000
Municipal	San Antonio	Mark W. and Peggy S. Howard	0.516	1.500	0	1.500	0.984
Municipal	San Antonio	Mark W. Howard and Peggy S. Howard	0.516	1.500	0	1.500	0.984
Municipal	San Antonio	Gary M. Fuhrman, Craig S. Fuhrman, Phillip S. Fuhr	1.517	2.500	0	2.500	0.983
Municipal	San Antonio	Alan Roberson	0.523	1.500	0	1.500	0.977
Municipal	San Antonio	Duke T. Schneider and Jennifer L. Schneider	0.037	1.000	0	1.000	0.963
Municipal	San Antonio	Carolyn G. Winkler	0.041	1.000	0	1.000	0.959

Municipal Permit Holders

Municipal	San Antonio	San Antonio Target Hunting & Fishing Club	0.046	1.000	0	1.000	0.954
Municipal	San Antonio	Gary C. Mutz and Sharon D. Mutz	0.070	1.000	0	1.000	0.930
Municipal	San Antonio	Martin E. Garza and Elizabeth Garza	0.108	1.000	0	1.000	0.892
Municipal	San Antonio	Ron Renfro and Beth Renfro	0.135	1.000	0	1.000	0.865
Municipal	San Antonio	Ville d' Alsace Water Supply LLC	73.542	95.000	0.217	74.385	0.843
Municipal	San Antonio	Patrick Crumrine and Susan Crumrine	0.193	1.000	0	1.000	0.807
Municipal	San Antonio	Kristine M. Goertz, a single woman, and Chad K. Le	0.198	1.000	0	1.000	0.802
Municipal	San Antonio	Jeffery S. Hill and Sheryl I. Hill	0.214	1.000	0	1.000	0.786
Municipal	San Antonio	Juanita G. Salinas	0.235	1.000	0	1.000	0.765
Municipal	San Antonio	Herbert Martinez and wife, Mayra Martinez, and V	0.245	1.000	0	1.000	0.755
Municipal	San Antonio	Guillermo Gallegos and Consuelo Gallegos	0.246	1.000	0	1.000	0.754
Municipal	San Antonio	Steven and Lisa Hilsdon, Husband and Wife	0.272	1.000	0	1.000	0.728
Municipal	San Antonio	Mary L. Fitzsimon	0.357	1.000	0	1.000	0.643
Municipal	San Antonio	Rodolfo Davila, III and wife, Jacqueline L. Davila	2.502	4.000	0.217	3.132	0.630
Municipal	San Antonio	San Antonio Christian Faith Center	0.298	0.923	0	0.923	0.625
Municipal	San Antonio	Robert J. and Carmita A. Hehman	0.000	0.604	0	0.604	0.604
Municipal	San Antonio	Janie A. Reddy	0.000	0.604	0	0.604	0.604
Municipal	San Antonio	Veterans Land Board of the State of Texas	0.000	0.604	0	0.604	0.604
Municipal	San Antonio	Edward W. Dow, III	0.420	1.000	0	1.000	0.580
Municipal	Uvalde	Robert Richard and Eva Richard	0.494	1.000	0	1.000	0.506
Municipal	San Antonio	Angelita Benavidez	0.000	0.500	0	0.500	0.500
Municipal	San Antonio	Christopher Chapman	0.000	0.500	0	0.500	0.500
Municipal	San Antonio	Eric Ross Meyer	0.000	0.500	0	0.500	0.500
Municipal	San Antonio	Johnathon Kirby Blomstedt and Mary Oralia Bloms	0.000	0.500	0	0.500	0.500
Municipal	San Antonio	Robert P. Paulson and Judith L. Paulson	0.000	0.500	0	0.500	0.500
Municipal	San Antonio	Robert P. Paulson and Judith L. Paulson	0.000	0.500	0	0.500	0.500
Municipal	San Antonio	Jerry Hewtty, Jr. and Georgina Hewtty	0.000	0.500	0	0.500	0.500
Municipal	Uvalde	Bill T. Ferguson and Kelly A. Ferguson	0.000	0.500	0	0.500	0.500
Municipal	San Antonio	Frederick A. Worby and Susan D. Worby, husband	0.000	0.500	0	0.500	0.500
Municipal	San Antonio	Belinda Ann Alfaro and Pompilio Alfaro Jr.	0.000	0.500	0	0.500	0.500
Municipal	San Antonio	Kimberly A. Thoe and Terrance S. Thoe	0.000	0.500	0	0.500	0.500
Municipal	San Antonio	Archbishop of San Antonio-St. Rose of Lima Church	0.036	0.534	0	0.534	0.498
Municipal	San Antonio	University Church of Christ of San Marcos, Texas	0.006	0.500	0	0.500	0.494
Municipal	San Antonio	Zion Evangelical Lutheran Church of Helotes, Texas	0.037	0.500	0	0.500	0.463
Municipal	San Antonio	Mark A. Kanko and Annette Kanko	0.563	1.000	0	1.000	0.437
Municipal	San Antonio	Ralph H. Fisk, Sr. and Velma L. Fisk	0.071	0.500	0	0.500	0.429

Municipal Permit Holders

Municipal	San Antonio	Nina Y. Rosson	0.578	1.000	0	1.000	0.422
Municipal	San Antonio	Bexar County Emergency Services District No. 2	1.602	2.000	0	2.000	0.398
Municipal	San Antonio	Aurelio Gutierrez and Judy Gutierrez, husband and	0.611	1.000	0	1.000	0.389
Municipal	San Antonio	Bruce Todd and Carol Todd	0.612	1.000	0	1.000	0.388
Municipal	San Antonio	John W. Judson and Renate M. Judson	0.616	1.000	0	1.000	0.384
Municipal	San Antonio	Jesus Moreno	0.118	0.500	0	0.500	0.382
Municipal	San Antonio	Earl Hunt, Jr. and wife, Eleanor Hunt	0.125	0.500	0	0.500	0.375
Municipal	San Antonio	Steven P. Trevino and Sonia C. Trevino	0.132	0.500	0	0.500	0.368
Municipal	San Antonio	Sandie Soyars	0.638	1.000	0	1.000	0.362
Municipal	San Antonio	Campbell Lumber Co., Inc.	0.145	0.500	0	0.500	0.355
Municipal	San Antonio	Joyce Hughson	0.647	1.000	0	1.000	0.353
Municipal	San Antonio	Louis P. McCasland, Jr. and Joan T. McCasland	0.253	0.604	0	0.604	0.351
Municipal	San Antonio	Edward V.Garcia and wife, Eva Garcia	0.649	1.000	0	1.000	0.351
Municipal	San Antonio	Wilford H. Bendele	0.151	0.500	0	0.500	0.349
Municipal	San Antonio	Kent P. Fowler and Bonnie L. Fowler	0.155	0.500	0	0.500	0.345
Municipal	San Antonio	David R. Kaplen and wife, Kathy Kaplen	0.664	1.000	0	1.000	0.336
Municipal	San Antonio	John B. Fox and Barbara Fox	0.176	0.500	0	0.500	0.324
Municipal	San Antonio	Robert G. Tello and Maricela G. Tello, husband and	0.677	1.000	0	1.000	0.323
Municipal	San Antonio	Billy Joe and Stephen L. Hageman	0.183	0.500	0	0.500	0.317
Municipal	San Antonio	Linda Holcomb	0.187	0.500	0	0.500	0.313
Municipal	San Antonio	Cary J. Friesenhahn and Clyde Marbach	0.198	0.500	0	0.500	0.302
Municipal	San Antonio	David C. and Heather M. Underwood	0.724	1.000	0	1.000	0.276
Municipal	San Antonio	Alan Roberson	0.226	0.500	0	0.500	0.274
Municipal	San Antonio	George Randall Morris and Kathleen McGonagil M	1.245	1.500	0	1.500	0.255
Municipal	San Antonio	Alamo Environmental, Inc.	1.748	2.000	0	2.000	0.252
Municipal	San Antonio	B. W. Bowden Properties, Inc.	0.136	0.356	0	0.356	0.220
Municipal	San Antonio	Tammy W. and Jimmy R. Fife	1.316	1.500	0	1.500	0.184
Municipal	San Antonio	Gilbert and Maria Costello	0.318	0.500	0	0.500	0.182
Municipal	San Antonio	Leroy Zinsmeyer	0.838	1.000	0	1.000	0.162
Municipal	San Antonio	Barry Gene Hobbs	0.369	0.500	0	0.500	0.131
Municipal	San Antonio	David W. Glover and Judy Glover, husband and wife	0.869	1.000	0	1.000	0.131
Municipal	San Antonio	James Przyblyski and Jennifer L. Przyblyski	0.680	0.800	0	0.800	0.120
Municipal	San Antonio	Forrest Horecka, Sr. and Alice Horecka	0.405	0.500	0	0.500	0.095
Municipal	San Antonio	Jamie Greer	0.434	0.500	0	0.500	0.066
Municipal	San Antonio	Dolores Gibbs	0.477	0.500	0	0.500	0.023
Municipal	San Antonio	Rocket Water Company	14.332	18.300	0.217	14.329	-0.003
Municipal	San Antonio	Dennis R. Stein and Kay E. Stein	4.762	6.000	0.217	4.698	-0.064
Municipal	San Antonio	Daniel Barahona	1.077	0.891	0	0.891	-0.186

Municipal Permit Holders

Municipal	San Antonio	Brian Valenzuela and Julianna Jasso	1.245	1.000	0	1.000	-0.245
Municipal	San Antonio	Michael D. Easter and Erica Easter	0.817	0.500	0	0.500	-0.317
Municipal	San Antonio	North Breeze MHC, LLLP	8.308	10.000	0.217	7.830	-0.478
Municipal	San Antonio	New Life Christian Ministry, Inc.	2.825	2.000	0	2.000	-0.825
Municipal	San Antonio	Chhin Leng	1.348	0.500	0	0.500	-0.848
Municipal	San Antonio	Gwendolyn Bippert Taylor	3.996	3.000	0	3.000	-0.996
Municipal	San Antonio	Kelly Sutton	0.997	0.000	0	0.000	-0.997
Municipal	San Antonio	R&R Marketing & Development	6.221	0.000	0	0.000	-6.221
Municipal	San Antonio	Medina Co. W.C.I.D. #2	157.919	179.253	0.217	140.355	-17.564
Municipal	Uvalde	Knippa Water Supply Corp.	204.038	209.390	0.169	174.003	-30.035

Pumpers with less than 50 ac-ft remaining 645.528

Pumpers with greater than 50 ac-ft remaining 21,148.567

Pumpers with greater than 100 ac-ft remaining 20,701.752