

**San Antonio Water System
2008 Capital Improvement Program**

<i>Project Title</i>	<i>Cost Element</i>	<i>QTR.</i>	<i>Prgrammed Amount</i>
WATER DELIVERY CORE BUSINESS			
Corporate			
Enterprise Resource Software System (ERSS) - Water Share	Acquisition	Q1	1,700,000
			\$ 1,700,000
Distribution Growth			
Anderson-Micron 48-Inch Main - Segment II (7-2)	Construction	Q1	649,600
FM 1937 (Northern portion of 2-10)	Construction	Q1	2,128,000
Hunters land, Woller, Rocky Trail, North - Prue Maple Park to Bandera	Construction	Q3	4,144,000
Water Main Oversizing 2008	Construction	A/N	3,360,000
			\$ 10,281,600
Governmental Water			
Governmental Water Adjustments	Construction	A/N	10,717,280
Governmental Water Installations	Construction	A/N	560,000
Governmental Water Replacements	Construction	A/N	8,674,400
			\$ 19,951,680
Main Replacement Water			
Annual Survey Water 2008	Design	Q3	112,000
Brookhaven Allena Village Area Water Main Replacement - Phase I	Design	Q3	361,760
Brooks Water Improvements	Construction	Q2	1,344,000
Kelly USA Water Improvements	Construction	Q1	1,568,000
Lackland Terrace Estates Water Main Replacement - Phase I	Construction	Q2	3,488,800
Lackland Terrace Estates Water Main Replacement - Phase II	Design	Q3	648,368
Main Replacements - Interfund Transfer - Water 2008	Construction	A/N	1,120,000
Unspecified Services Engineering Contract - Water 2008	Design	A/N	448,000
Valves, Services and Meters 2008	Construction	A/N	3,360,000
Automatic Meter Reading (AMR) Outfitting Project	Implementation	Q2	10,108,800
			\$ 22,559,728
Production Growth			
Broadview Pump Station	Design	Q3	73,022
Culebra Tank and Pump Station	Construction	Q3	2,240,000
University Pump Station Improvements	Construction	Q1	782,208
Watson 1 MG Tank	Construction	Q3	2,217,600
			\$ 5,312,830
Production R&R			
Water Delivery Core Business Emergencies 2008	Construction	A/N	500,000
			\$ 500,000
TOTAL WATER DELIVERY CORE BUSINESS			\$ 60,305,838

WASTEWATER CORE BUSINESS

Corporate			
Enterprise Resource Software System (ERSS) - Wastewater Share	Acquisition	Q1	1,700,000
			\$ 1,700,000
Collection Growth			
E-03 Eastern Relief Project	Construction	Q1	\$ 26,455,520
Medio Area Lift Station 187	Construction	Q1	4,480,000
Sewer Main Oversizing 2008	Construction	A/N	1,792,000
			\$ 32,727,520
Collection R&R			
C-02 (1998 Master Plan - not growth)	Construction	Q1	9,901,939
Lift Station Access	Acquisition	Q3	784,000
Lift Station Elimination Phase I	Design	Q3	131,712
Lift Station Rehabilitation Phase II	Design	Q1	535,360
Lift Station Rehabilitation Phase III Assessment	Assessment	Q2	246,400
Odor Control Stations Rehabilitation	Construction	Q1	2,240,000
SCADA for Liftstations Radio Path Survey	Survey	Q2	336,000
Wastewater Core Business Emergencies 2008	Construction	A/N	1,000,000
			\$ 15,175,411
Governmental Sewer			
Governmental Sewer Adjustments	Construction	A/N	3,683,680
Governmental Sewer Installations	Construction	A/N	560,000
Governmental Sewer Replacements	Construction	A/N	16,124,640
			\$ 20,368,320
Main Replacement Sewer			
Main Replacements - Interfund Transfer - Sewer 2008	Construction	A/N	1,120,000
Sewer Laterals 2008	Construction	A/N	1,000,000
Rock Creek Sewer Main Relocation	Construction	Q3	372,090
Unspecified Services Engineering Contract - Sewer 2008	Design	Q2	448,000
Collection System Find-It / Fix-It Program	Construction	A/N	1,846,332
Automatic Meter Reading (AMR) Outfitting Project	Implementation	Q2	1,684,800
			\$ 6,471,222
Treatment Growth			
Dos Rios & Leon Creek Tertiary Filters	Design	Q2	1,680,000
Dos Rios Re-rating Phase I (Preliminary Treatment Improvements)	Design	Q2	1,344,000
			\$ 3,024,000
Treatment R&R			
2008 Capital Equipment Monitoring and Replacement Program	Construction	A/N	2,240,000
Dos Rios Improvements	Design	Q2	560,000
Dos Rios Digester Dome Liner Rehabilitation	Design	Q3	448,000
Dos Rios WRC Headworks FEB Diversion	Construction	Q3	2,128,000
Leon Creek WRC Improvements Phase I	Construction	Q2	6,720,000
Leon Creek WRC Improvements Phase 2	Construction	Q2	6,720,000
			\$ 18,816,000
TOTAL WASTEWATER CORE BUSINESS			\$ 98,282,473

WATER SUPPLY CORE BUSINESS

Recycle Program			
Recycle Conversion Benefits	Construction	A/N	150,000
Recycle Customer Lines	Construction	A/N	1,500,000
Filling Stations	Design	Q1	27,500
Filling Stations	Construction	Q3	275,000
Medio Creek Recycle System	Construction	Q4	13,860,000
Tank Auxiliary Flow Control	Design	Q1	38,500
Tank Auxiliary Flow Control	Construction	Q3	385,000
			\$ 16,236,000
Water Resources			
Edwards Aquifer Acquisitions Contract Advisory Services	Acquisition	Q1	82,500
Local Carrizo Off-site Collection System	Construction	Q2	6,600,000
Regional Carrizo Program Management Portal	Construction	Q3	46,200
Regional Carrizo Well Field Construction Management and Inspection	Construction	Q3	2,200,000
Regional Carrizo Well Construction Package 1	Construction	Q3	13,647,480
Regional Carrizo Well Construction Package 2	Construction	Q3	13,647,480
Regional Carrizo Phase 1B Gonzales: Integration Pipeline	Design	Q2	495,000
Regional Carrizo Phase 1B Gonzales: Seale Pump Station Modifications	Design	Q2	896,500
Regional Carrizo Phase 1B Gonzales: WTP Modifications	Design	Q2	935,000
Brackish Groundwater Test Well	Design	Q2	715,000
Brackish Groundwater Test Well	Construction	Q2	3,465,000
Desalination: Legal	Construction	Q1	1,100,000
Desalination: Integration System Improvements	Design	Q1	220,000
Desalination: Well Field	Design	Q1	2,530,000
Desalination: Well Field Collection System	Design	Q1	3,850,000
Desalination: Land Acquisition	Acquisition	Q1	5,500,000
Desalination: Communications and General Public Outreach	Misc	Q1	135,000
			\$ 56,065,160
TOTAL WATER SUPPLY CORE BUSINESS			\$ 72,301,160

HEATING AND COOLING CORE BUSINESS

Heating and Cooling Growth			
Heating & Cooling Plant Chiller Installation	Construction	Q1	2,240,000
			\$ 2,240,000
Heating and Cooling R&R			
Downtown Condensate Line Replacement	Construction	Q2	560,000
System Wide Emergencies - Heating & Cooling	Construction	Q2	224,000
			\$ 784,000
TOTAL HEATING AND COOLING CORE BUSINESS			\$ 3,024,000
2008 CAPITAL IMPROVEMENTS PROGRAM (CIP)			\$ 233,913,471

**San Antonio Water System
2008 Capital Improvement Program (Contingent Budget)**

<i>Project Title</i>	<i>Cost Element</i>	<i>QTR.</i>	<i>Prgrammed Amount</i>
WATER DELIVERY CORE BUSINESS			
Corporate			
Service Center Facility Plan Project	Design	Q4	2,314,760
			\$ 2,314,760
Main Replacement Water			
Near Northside Water Mains Replacement - Phase 1	Design	Q4	117,600
			\$ 117,600
Production Growth			
General McMullen Tank (AKA Zoeller)	Construction	Q4	2,800,000
Mission del Lago Elevated Storage Tank (AKA Applewhite)	Construction	Q4	2,016,000
			\$ 4,816,000
Production R & R			
Pump Station Rehabilitation Program Phase II (Market, Bitters, Sutton)	Construction	Q4	2,800,000
			\$ 2,800,000
TOTAL WATER DELIVERY CORE BUSINESS			\$ 10,048,360
WASTEWATER CORE BUSINESS			
Corporate			
Service Center Facility Plan Project	Design	Q4	2,314,760
			\$ 2,314,760
Collection Growth			
C-01 Central Relief Project	Acquisition	Q4	397,925
Medio Area Inter-Basin Lift Station Transfer System	Construction	Q4	10,416,000
Medina Outfall Main Segment A	Acquisition	Q4	2,717,156
Medina Outfall Main Segment B	Acquisition	Q4	723,322
Medina Outfall Main Segment D	Acquisition	Q4	697,403
			\$ 14,951,806
Main Replacement Sewer			
Annual Survey Sewer 2008	Design	Q4	112,000
Brookhaven Allena Village Area Main Replacement - Phase I - Sewer	Design	Q4	296,800
CIPP Contract 2008	Construction	Q4	2,240,000
Lackland Terrace Estates Sewer Main Replacement - Phase I	Construction	Q4	5,325,600
Lackland Terrace Estates Sewer Main Replacement - Phase II	Design	Q4	325,696
Near Northside Sewer Replacement - Phase 1	Design	Q4	162,624
Pipe Bursting Contract 2008	Construction	Q4	2,240,000
Roosevelt Avenue 48" Sewer Main Replacement	Construction	Q4	4,965,621
			\$ 15,668,341
Treatment R&R			
Dos Rios Digester Gas to Energy Mains	Construction	Q4	784,000
WRC Life/Safety Upgrades	Design	Q4	224,000
			\$ 1,008,000
TOTAL WASTEWATER CORE BUSINESS			\$ 33,942,907

WATER SUPPLY CORE BUSINESS

Water Resources

Meter Installation	Acquisition	Q4	2,200,000
Edwards Aquifer Acquisitions	Acquisition	Q4	2,200,000
Regional Carrizo, Phase IB Gonzales, Well Field Collection System	Construction	Q4	19,638,324
Regional Carrizo, PS and Pipeline CM&I	Construction	Q4	6,600,000
Regional Carrizo, PS SCADA Programming	Construction	Q4	715,000
Regional Carrizo, Phase IB Gonzales, PS at Buckhorn and Booster in Wils Construction	Construction	Q4	16,220,820
Regional Carrizo, Phase IB Gonzales, Electrical Requirements for Pump S Construction	Construction	Q4	2,310,000

TOTAL WATER SUPPLY CORE BUSINESS

\$ 49,884,144

2008 CAPITAL IMPROVEMENTS PROGRAM (CIP) CONTINGENT BUDGET

\$ 93,875,411