

Table 33  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Allocation of Net Plant-in-Service for FY2011

Item	Treatment	Collection	Interceptor	Lift Station	Admin	Customer Accounts	Meters & Services	General Plant	Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ELEVATED WATER TANK	0	0	0	0	0	0	0	0	0
ELEVATED WATER TANK	0	0	0	0	0	0	0	0	0
ELEVATED WATER TANK	0	0	0	0	0	0	0	0	0
ELEVATED WATER TANK	0	0	0	0	0	0	0	0	0
TANK A/G 350000 GALLON	0	0	0	0	0	0	0	0	0
WATER TANK 750000 GALLON	0	0	0	0	0	0	0	0	0
FILTER TANKS W/BACKWASH	10,774	0	0	0	0	0	0	0	10,774
AFFLUENT WELL W/ROTOR	0	0	0	0	0	0	0	0	0
BACK UP GENERATOR 500 KW	0	0	0	0	0	0	0	3,010	3,010
CONTACT BASIN WITH PAVILION	5,458	0	0	0	0	0	0	0	5,458
SLUDGE STATION WITH PAVILION	3,996	0	0	0	0	0	0	0	3,996
CLARIFIER 20' RADIUS	19,545	0	0	0	0	0	0	0	19,545
WELL	0	0	0	0	0	0	0	0	0
FENCE CHAIN LINK 6' W/BARBED W	0	0	0	0	0	0	0	0	0
RETAINING WALL CONCRETE	0	0	0	0	0	0	0	3,809	3,809
PAVING CONCRETE	0	0	0	0	0	0	0	4,429	4,429
PAVING ASPHALT	0	0	0	0	0	0	0	5,567	5,567
ALTO WELLS PUMPHOUSE	0	0	0	0	0	0	0	12,144	12,144
ROCKWOOD PUMPHOUSE	0	0	0	0	0	0	0	0	0
SUNNYVALE PUMPHOUSE	0	0	0	0	0	0	0	0	0
COTTONWOOD PUMPHOUSE	0	0	0	0	0	0	0	0	0
BUILDING CONTROL BLDG.	0	0	0	0	0	0	0	15,176	15,176
BUILDING AFFLUENT STATION	5,567	0	0	0	0	0	0	0	5,567
RADIO TOWER 75'	0	0	0	0	0	0	0	406	406
BUILDING RADIO TOWER	0	0	0	0	0	0	0	961	961
SEWER PLANT	9,369,934	0	0	0	0	0	0	0	9,369,934
GROUP OF HYDRANTS	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF HYDRANTS	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF HYDRANTS	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINE MANHOLES	0	9,497	0	0	0	0	0	0	9,497
GROUP OF SEWER LINES	0	0	0	0	0	0	0	0	0

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Item	Treatment	Collection	Interceptor	Lift Station	Admin	Customer Accounts	Meters & Services	General Plant	Total
GROUP OF SEWER LINES	0	621	0	0	0	0	0	0	621
GROUP OF SEWER LINES	0	687	0	0	0	0	0	0	687
GROUP OF SEWER LINES	0	598	0	0	0	0	0	0	598
GROUP OF SEWER LINES	0	181	0	0	0	0	0	0	181
GROUP OF SEWER LINES	0	135	0	0	0	0	0	0	135
GROUP OF SEWER LINE MANHOLES	0	3,681	0	0	0	0	0	0	3,681
GROUP OF SEWER LINES	0	1,224,988	0	0	0	0	0	0	1,224,988
GROUP OF SEWER LINES	0	80,111	0	0	0	0	0	0	80,111
GROUP OF SEWER LINES	0	88,633	0	0	0	0	0	0	88,633
GROUP OF SEWER LINES	0	77,098	0	0	0	0	0	0	77,098
GROUP OF SEWER LINES	0	23,363	0	0	0	0	0	0	23,363
GROUP OF SEWER LINES	0	17,388	0	0	0	0	0	0	17,388
GROUP OF SEWER LINE MANHOLES	0	460,703	0	0	0	0	0	0	460,703
PHONE SWITCH	0	0	0	0	0	0	0	0	0
PHOTOCOPIER	0	0	0	0	0	0	0	0	0
1 LAB TOP COMPLETE	0	0	0	0	0	0	0	0	0
CPU W/MONITOR	0	0	0	0	0	0	0	346	346
CPU W/MONITOR	0	0	0	0	0	0	0	166	166
CPU W/MONITOR	0	0	0	0	0	0	0	166	166
CPU W/MONITOR	0	0	0	0	0	0	0	166	166
CPU W/MONITOR	0	0	0	0	0	0	0	166	166
CPU W/MONITOR	0	0	0	0	0	0	0	166	166
DELL 2300 CPU	0	0	0	0	0	0	0	166	166
FLOWMETER	0	0	0	0	0	0	0	249	249
FLOWMETER	0	0	0	0	0	0	0	0	0
FLOWMETER	0	0	0	0	0	0	0	0	0
GAS DETECTOR	0	0	0	0	0	0	0	0	0
OXYGEN METER	0	0	0	0	0	0	0	0	0
40' CONTAINER W/STANDARD DOOR 659	0	0	0	0	0	0	0	0	0
40' MINI MOBILE	0	0	0	0	0	0	0	456	456
CONCRETE CUTTER	0	0	0	0	0	0	0	456	456
CONCRETE SMOOTH	0	0	0	0	0	0	0	0	0
1986 GOLF CART (GAS) 449	0	0	0	0	0	0	0	0	0
BACKHOE	0	0	0	0	0	0	0	232	232
BOBCAT BRUSH CAT ROTARY CUTTER	0	0	0	0	0	0	0	1,286	1,286
BOBCAT BRUSH CAT ROTARY BLADES	0	0	0	0	0	0	0	845	845
200 GAL SPRAY RIG ON AXLE TRAI	0	0	0	0	0	0	0	180	180
KOHLER W/52"DECK	0	0	0	0	0	0	0	762	762
82" YAMAHA GOLF CART	0	0	0	0	0	0	0	238	238
81" YAMAHA GOLF CART	0	0	0	0	0	0	0	338	338
79"YAMAHA GOLF CART	0	0	0	0	0	0	0	714	714
2002 JONH DEERE 4X2 GATOR	0	0	0	0	0	0	0	204	204
TRAIL KING 18' FOR BACKHOE	0	0	0	0	0	0	0	155	155
1954 DIAMOND T TRUCK	0	0	0	0	0	0	0	539	539
1976 FORD WATER TRUCK	0	0	0	0	0	0	0	0	0
1984 GMC 40180 TON VINTAGE TRUCK	0	0	0	0	0	0	0	0	0
2000 S-10 TRUCK	0	0	0	0	0	0	0	0	0
2001 DODGE TRUCK	0	0	0	0	0	0	0	0	0
90 CHEVY 40180 TON 4X4	0	0	0	0	0	0	0	349	349
94 FORD 40180 TON	0	0	0	0	0	0	0	362	362
90 CHEVY 40180 TON	0	0	0	0	0	0	0	285	285
2 TON UTILITY TRAILER	0	0	0	0	0	0	0	108	108
94 CHEVY TRUCK	0	0	0	0	0	0	0	633	633
10 PI TRAILER	0	0	0	0	0	0	0	869	869
1983 DUMP TRUCK 1858	0	0	0	0	0	0	0	741	741
1984 CHEVY C3500 UTIL TIY TRUCK	0	0	0	0	0	0	0	697	697

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Item	Treatment	Collection	Interceptor	Lift Station	Admin	Customer Accounts	Meters & Services	General Plant	Total
1994 FORD TAURUS	0	0	0	0	0	0	0	465	465
1989 CHEVY C3500 UTILITY TRUCK	0	0	0	0	0	0	0	803	803
1989 CHEVY C3500 CREW TRUCK	0	0	0	0	0	0	0	1,014	1,014
1996 DODGE CLUB CAB PICKUP	0	0	0	0	0	0	0	554	554
1994 CHEVY PICK UP 3/4 TON	0	0	0	0	0	0	0	783	783
1986 DODGE PICK UP EXT CAB	0	0	0	0	0	0	0	692	692
1988 CHEVY 1 TON 1875	0	0	0	0	0	0	0	845	845
1989 CHEVROLET PICK UP 1876	0	0	0	0	0	0	0	761	761
1992 GMC 40180 TON PICKUP	0	0	0	0	0	0	0	616	616
CPU W/MONITOR	0	0	0	0	0	0	0	189	189
GOLF CARTS	0	0	0	0	0	0	0	1,432	1,432
2007 1/2 TON FORD RANGER TRUCK	0	0	0	0	0	0	0	3,231	3,231
2007 1/2 TON FORD RANGER TRUCK	0	0	0	0	0	0	0	3,231	3,231
SKID MOUNTED CENTRIFUGE	88,387	0	0	0	0	0	0	0	88,387
ROTARY TWO-LOBE BLOWER	10,048	0	0	0	0	0	0	0	10,048
2007 FORD 40180 TON F-150 TRUCK	0	0	0	0	0	0	0	3,471	3,471
2007 FORD 40180 TON F-150 TRUCK	0	0	0	0	0	0	0	3,471	3,471
2008 FORD 1 TON UTILITY TRUCK	0	0	0	0	0	0	0	5,389	5,389
SEWER TIE IN - 11933 W. RIVER	0	5,814	0	0	0	0	0	0	5,814
2007 FORD 40180 TON F-150 TRUCK	0	0	0	0	0	0	0	3,471	3,471
2008 1 TON FORD UTILITY TRUCK	0	0	0	0	0	0	0	10,508	10,508
METER READING SOFTWARE/MISC	0	0	0	0	0	0	0	0	0
NEPTUNE SOFTWARE TRAINING	0	0	0	0	0	0	0	0	0
M.M. CLAYTON WATER IMPROV.	0	0	0	0	0	0	0	0	0
PRECAST SHELTER	0	0	0	0	0	0	0	2,400	2,400
WATER STORAGE RESERVOIR	0	0	0	0	0	0	0	14,405	14,405
WATER STORAGE RESERVOIR	0	0	0	0	0	0	0	0	0
WATER STORAGE RESERVOIR	0	0	0	0	0	0	0	0	0
WATER STORAGE RESERVOIR	0	0	0	0	0	0	0	0	0
WATER STORAGE RESERVOIR	0	0	0	0	0	0	0	0	0
PAINT COATING INSPECTIONS	0	0	0	0	0	0	0	0	0
PAINT COATING INSPECTIONS	0	0	0	0	0	0	0	0	0
PAINT COATING INSPECTIONS	0	0	0	0	0	0	0	0	0
PAINT COATING INSPECTIONS	0	0	0	0	0	0	0	0	0
PAINT COATING INSPECTIONS	0	0	0	0	0	0	0	0	0
PAINT COATING INSPECTIONS	0	0	0	0	0	0	0	0	0
PAINT COATING INSPECTIONS	0	0	0	0	0	0	0	0	0
PAINT COATING INSPECTIONS	0	0	0	0	0	0	0	0	0
GROUP OF WATER MAIN & LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER MAIN & LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER MAIN & LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	355,432	0	0	0	0	0	0	355,432
GROUP OF SEWER LINES	0	146,947	0	0	0	0	0	0	146,947
GROUP OF SEWER LINES	0	0	0	0	0	0	0	0	0
FORKLIFT	0	0	0	0	0	0	0	3,579	3,579
CANOPY COVER	0	0	0	0	0	0	0	1,631	1,631
SKID MOUNTED CENTRIFUGE	65,665	0	0	0	0	0	0	0	65,665
SEWER JET CLEANER/TV SYSTEM	0	74,530	0	0	0	0	0	0	74,530
2008 FORD F-650 TRUCK	0	0	0	0	0	0	0	16,361	16,361
2008 FORD F-350 TRUCK	0	0	0	0	0	0	0	8,130	8,130
2008 FORD EXPLORER	0	0	0	0	0	0	0	4,732	4,732
2008 FORD F-350	0	0	0	0	0	0	0	8,201	8,201
WELL INSPECTIONS	0	0	0	0	0	0	0	0	0
REVIEW/APPROVE CONSTRUCTION	0	0	0	0	0	0	0	1,521	1,521
NEW SOURCE/ARSENIC APPROVAL	0	0	0	0	0	0	0	0	0

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Item	Treatment	Collection	Interceptor	Lift Station	Admin	Customer Accounts	Meters & Services	General Plant	Total
DIETZ CRANE & CANTERBURY WELL	0	0	0	0	0	0	0	0	0
ENGINEERING SVCS	0	0	0	0	0	0	0	69,160	69,160
ALTO WELL SITE & RESERVOIR	0	0	0	0	0	0	0	0	0
WATER STORAGE RESERVOIR	0	0	0	0	0	0	0	0	0
PAINT COATING INSPECTIONS	0	0	0	0	0	0	0	0	0
CONSTRUCTED RECHARGE FACILITY	0	0	0	0	0	0	0	0	0
DESIGN & CA RECHARGE FACILITY	0	0	0	0	0	0	0	0	0
REVIEW, PERMIT, APPLICATION	5,534	0	0	0	0	0	0	0	5,534
ENGINEER - WATER LINE IMP.	0	0	0	0	0	0	0	0	0
WATER LINE IMPROVEMENTS	0	0	0	0	0	0	0	0	0
INTERPRETER SVC LINE EASEMENTS	0	45	0	0	0	0	0	0	45
PLAIN REVIEW	0	0	0	0	0	0	0	434	434
WATER LINE EQUIPMENT	0	0	0	0	0	0	0	0	0
DOWNTOWN WATER SYS IMPROVEMENT	0	0	0	0	0	0	0	0	0
DOWNTOWN WATER SYS IMPROVEMENT	0	0	0	0	0	0	0	0	0
DOWNTOWN WATER SYS IMPROVEMENT	0	0	0	0	0	0	0	0	0
DOWNTOWN WATER SYS IMPROVEMENT	0	0	0	0	0	0	0	0	0
DOWNTOWN WATER SYS IMPROVEMENT	0	0	0	0	0	0	0	0	0
WATER SYSTEMS IMPROVEMENTS	0	0	0	0	0	0	0	0	0
REPLACE A/C UNIT	0	0	0	0	0	0	0	2,057	2,057
SURVEILLANCE SYS-CUSTOMER SERV	0	0	0	0	0	0	0	0	0
REVIEW EVAL/PROPOSE IMPROVEMEN	0	0	0	0	0	0	0	0	0
REVIEW EVAL/PROPOSE IMPROVEMEN	0	0	0	0	0	0	0	0	0
REVIEW EVAL/PROPOSE IMPROVEMEN	0	0	0	0	0	0	0	0	0
REVIEW EVAL/PROPOSE IMPROVEMEN	0	0	0	0	0	0	0	0	0
REVIEW EVAL/PROPOSE IMPROVEMEN	0	0	0	0	0	0	0	0	0
DESIGN SEWER LIFT STATION	0	0	0	10,727	0	0	0	0	10,727
DESIGN SEWER LIFT STATION	0	0	0	7,566	0	0	0	0	7,566
DESIGN SEWER LIFT STATION	0	0	0	12,572	0	0	0	0	12,572
REVIEW EVAL/PROPOSE IMPROVEMEN	0	0	0	0	0	0	0	0	0
CANTERBURY/DIETZ CRANE	0	0	0	0	0	0	0	5,479	5,479
CANTERBURY/DIETZ CRANE	0	0	0	0	0	0	0	61,063	61,063
CANTERBURY/DIETZ CRANE	0	0	0	0	0	0	0	2,679	2,679
CANTERBURY/DIETZ CRANE	0	0	0	0	0	0	0	3,490	3,490
UNDERGROUND STORAGE FACILITY	0	0	0	0	0	0	0	0	0
UNDERGROUND STORAGE FACILITY	0	0	0	0	0	0	0	0	0
UNDERGROUND STORAGE FACILITY	0	0	0	0	0	0	0	0	0
UNDERGROUND STORAGE FACILITY	0	0	0	0	0	0	0	0	0
UNDERGROUND STORAGE FACILITY	0	0	0	0	0	0	0	0	0
ARSENIC MITIGATION-DIETZ CRANE	0	0	0	0	0	0	0	0	0
ALTO WATER PROD FACILITY/RESER	0	0	0	0	0	0	0	0	0
DESIGN/CA RECHARGE FACILITY	0	0	0	0	0	0	0	0	0
ARSENIC TREATMENT-DIETZ CRANE	0	0	0	0	0	0	0	0	0
SWIVEL MOUNT VALVE/VAC SYSTEM	0	35,325	0	0	0	0	0	0	35,325
AIR COMPRESSOR	0	0	0	0	0	0	0	2,938	2,938
AIR COMPRESSOR PNEUMATIC TOOLS	0	0	0	0	0	0	0	1,661	1,661
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINES	0	66,784	0	0	0	0	0	0	66,784
CLARITY DASHBOARD/LICENSES	0	0	0	0	0	0	0	358	358
CLARITY DASHBOARD/LICENSES	0	0	0	0	0	0	0	321	321
46.9 HP EMU PUMP	0	0	0	0	0	0	0	0	0

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Item	Treatment	Collection	Interceptor	Lift Station	Admin	Customer Accounts	Meters & Services	General Plant	Total
PROCAM DVD ULTRA MINI CAMERA	6,152	0	0	0	0	0	0	0	6,152
REMODEL - OFFICE & CONF RM	0	0	0	0	0	0	0	8,252	8,252
CARPET, TILE OFFICE/CONF RM	0	0	0	0	0	0	0	1,158	1,158
HANDHELD GPS/RECEIVER/MISC.	0	0	0	0	0	0	0	1,234	1,234
2009 FORD F-350 TRUCK	0	0	0	0	0	0	0	5,661	5,661
LIGHTBAR	0	0	0	0	0	0	0	520	520
TOOL BOX, SIDE BOX, BED LINER	0	0	0	0	0	0	0	345	345
MOBILE GPS SOFTWARE SYSTEM	0	0	0	0	0	0	0	3,336	3,336
CONTROL BOX, CONTROLLER	0	0	0	0	0	0	0	2,930	2,930
2 TOUGHBOOK LAPTOPS/WARRANTY	0	0	0	0	0	0	0	1,552	1,552
2009 FORD S-DTY F-350 TRUCK	0	0	0	0	0	0	0	6,748	6,748
2009 FORD S-DTY F-350 TRUCK	0	0	0	0	0	0	0	6,753	6,753
2009 FORD F-350 TRUCK	0	0	0	0	0	0	0	6,753	6,753
EMERGENCY LIGHTING EQUIP	0	0	0	0	0	0	0	511	511
EMERGENCY LIGHTING EQUIP	0	0	0	0	0	0	0	513	513
EMERGENCY LIGHTING EQUIP	0	0	0	0	0	0	0	512	512
SCADA UPGRADE PERC PROGRAM	0	0	0	0	0	0	0	1,084	1,084
THUNDERBIRD - DYSART TO GRAND	0	0	0	0	0	0	0	0	0
WWTP CONTACT CHLORINATION STAT	387,121	0	0	0	0	0	0	0	387,121
WW INFLUENT SCREENING	147,951	0	0	0	0	0	0	0	147,951
HERITAGE WATER CAMPUS	0	0	0	0	0	0	0	70,019	70,019
WELL SITE GENERATORS	0	0	0	0	0	0	0	0	0
WWTP INFLUENT SCREENING	248,516	0	0	0	0	0	0	0	248,516
WWTP CONTACT CHLORINATION STAT	85,126	0	0	0	0	0	0	0	85,126
THUNDERBIRD WATER LINE REPLACE	0	0	0	0	0	0	0	0	0
SURVEILLANCE CAMERAS	0	0	0	0	0	0	0	0	0
2010 FORD RANGER	0	0	0	0	0	0	0	1,289	1,289
2010 FORD RANGER	0	0	0	0	0	0	0	4,930	4,930
EMERGENCY LIGHTS/UTILITY BOX	0	0	0	0	0	0	0	4,926	4,926
EMERGENCY LIGHTS/UTILITY BOX	0	0	0	0	0	0	0	645	645
K-TURBO BLOWER	53,567	0	0	0	0	0	0	645	645
2 K-TURBO	89,623	0	0	0	0	0	0	0	89,623
5 TON A/C UNIT & DUCTWORK	0	0	0	0	0	0	0	0	0
2 HVAC UNITS	0	0	0	0	0	0	0	0	0
SEWER IMPROVEMENTS - VARNEY RD	0	0	0	0	0	0	0	0	0
COTTONWOOD WATER LINE IMPROV.	0	25,602	0	0	0	0	0	4,697	4,697
COTTONWOOD WATER LINE IMPROV.	0	0	0	0	0	0	0	3,700	3,700
SOUTHERN SEWER SYSTEM	0	628,557	0	0	0	0	0	0	25,602
ROCKWOOD TANK REPAIRS	0	0	0	0	0	0	0	0	0
MANHOLE COVER PROJECT	0	15,835	0	0	0	0	0	0	628,557
WATERLINE REPLACEMENT	0	0	0	0	0	0	0	0	0
SCADA SYSTEM UPGRADE	0	0	0	0	0	0	0	0	0
LIFT STATION IMPROVEMENTS	0	0	0	0	0	0	0	13,873	13,873
SOUTHERN SEWER SYSTEM	0	229,215	0	38,504	0	0	0	0	38,504
RECHARGE FACILITY	0	0	0	0	0	0	0	0	229,215
UTILITY INFRASTRUCTURE	0	0	0	0	0	0	0	0	0
WIFA DISTR SYS ELEC STUDY	0	0	0	0	0	0	0	0	0
PEORIA AVE WATERLINE IMPROV.	0	0	0	0	0	0	0	0	0
LAND PARCEL	0	0	0	0	0	0	0	558	558
LAND PARCEL	0	0	0	0	0	0	0	1,943	1,943
LAND PARCEL	0	0	0	0	0	0	0	1,282	1,282
LAND PARCEL	0	0	0	0	0	0	0	650	650
LAND PARCEL	0	0	0	0	0	0	0	12,336	12,336
LAND PARCEL	0	0	0	0	0	0	0	646	646
THOMPSON RANCH WELL-UPGRADE	0	0	0	0	0	0	0	2,010	2,010
	0	0	0	0	0	0	0	0	0

Table 33  
City of El Mirage  
Wastewater Cost-of-Service Analysis  
Allocation of Net Plant-in-Service for FY2011

Item	Treatment	Collection	Interceptor	Lift Station	Admin	Customer Accounts	Meters & Services	General Plant	Total
DIETZ CRANE WELL	0	0	0	0	0	0	0	0	0
127TH WATER BOOSTER STATION	0	0	0	0	0	0	0	0	0
ADDITION TO WWTP-RECLAIM SYSTEM	37,417	0	0	0	0	0	0	0	37,417
SBR BASINS 3 & 4	468,526	0	0	0	0	0	0	0	468,526
BOOSTER STATION UPGRADES	0	0	0	0	0	0	0	0	0
127TH LANE WELL & BOOSTER STAT	0	0	0	0	0	0	0	0	0
WWTP SBR BASINS 3 & 4	514,946	0	0	0	0	0	0	0	514,946
WWTP RECLAMATION & CONTROL	218,179	0	0	0	0	0	0	0	218,179
250 HP WELL PUMP MOTOR	0	0	0	0	0	0	0	0	0
5 COLUMBIA PAR GOLF CART	0	0	0	0	0	0	0	1,437	1,437
5 COLUMBIA PAR GOLF CART	0	0	0	0	0	0	0	1,439	1,439
ELECTRICAL EQUIPMENT	0	0	0	0	0	0	0	1,651	1,651
CANTERBURY WELL CONSTR. PMT #1	0	0	0	0	0	0	0	0	0
CONSTR/START CANTERBURY WELL	0	0	0	0	0	0	0	0	0
PUMP BASE CONSTRUCTION	0	0	0	0	0	0	0	0	0
PRECAST SHELTER	0	0	0	0	0	0	0	0	0
PRECAST SHELTER	0	0	0	0	0	0	0	4,935	4,935
CANTERBURY WELL CONSTR. PMT #3	0	0	0	0	0	0	0	9,128	9,128
WATER RESEVOIR STORAGE TANKS	0	0	0	0	0	0	0	0	0
REG'L PK & DIETZ CRANE WELLS	0	0	0	0	0	0	0	0	0
CANTERBURY WELL CONSTR. PMT #4	0	0	0	0	0	0	0	380	380
ELECTRICAL EQUIPMENT	0	0	0	0	0	0	0	0	0
WATER RESEVOIR STORAGE TANKS	0	0	0	0	0	0	0	0	0
CANTERBURY WELL CONSTR. PMT#6	0	0	0	0	0	0	0	0	0
REG'L PARK & DIETZ CRANE WELLS	0	0	0	0	0	0	0	0	0
APP FOR CONSTR ALTO WELL	0	0	0	0	0	0	0	0	0
APPROVAL TO CONSTR ALTO WELL	0	0	0	0	0	0	0	0	0
ALTO WELL DRILLING	0	0	0	0	0	0	0	0	0
WATER RESEVOIR STORAGE TANKS	0	0	0	0	0	0	0	0	0
ALTO WELL PERMIT	0	0	0	0	0	0	0	0	0
WATER RESEVOIR STORAGE TANKS	0	0	0	0	0	0	0	0	0
CANTERBURY WELL CONSTR. PMT #5	0	0	0	0	0	0	0	0	0
ELECTRICAL EQUIPMENT	0	0	0	0	0	0	0	3,364	3,364
CONSTR/START CANTERBURY WELL	0	0	0	0	0	0	0	0	0
CANTERBURY TURBINE PUMP	0	0	0	0	0	0	0	0	0
PULL-SUBMERSIBLE PUMP ALTO	0	0	0	0	0	0	0	0	0
PAVING	0	0	0	0	0	0	0	0	0
PAVING	0	0	0	0	0	0	0	263,461	263,461
HP XF 235 LAPTOP	0	0	0	0	0	0	0	125,917	125,917
	0	0	0	0	0	0	0	273	273

Table 34  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Allocation of Net Plant-in-Service for FY2012

Item	Treatment	Collection	Interceptor	Lift Station	Admin	Customer Accounts	Meters & Services	General Plant	Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ELEVATED WATER TANK	0	0	0	0	0	0	0	0	0
ELEVATED WATER TANK	0	0	0	0	0	0	0	0	0
ELEVATED WATER TANK	0	0	0	0	0	0	0	0	0
ELEVATED WATER TANK	0	0	0	0	0	0	0	0	0
TANK A/G 350000 GALLON	0	0	0	0	0	0	0	0	0
WATER TANK 750000 GALLON	0	0	0	0	0	0	0	0	0
FILTER TANKS W/BACKWASH	5,387	0	0	0	0	0	0	0	5,387
AFFLUENT WELL W/ROTOR	0	0	0	0	0	0	0	0	0
BACK UP GENERATOR 500 KW	2,729	0	0	0	0	0	0	1,505	1,505
CONTACT BASIN WITH PAVILION	1,998	0	0	0	0	0	0	0	2,729
SLUDGE STATION WITH PAVILION	9,773	0	0	0	0	0	0	0	1,998
CLARIFIER 20' RADIUS	0	0	0	0	0	0	0	0	9,773
WELL	0	0	0	0	0	0	0	0	0
FENCE CHAIN LINK 6' W/BARBED W	0	0	0	0	0	0	0	3,578	3,578
RETAINING WALL CONCRETE	0	0	0	0	0	0	0	4,161	4,161
PAVING CONCRETE	0	0	0	0	0	0	0	5,229	5,229
PAVING ASPHALT	0	0	0	0	0	0	0	11,408	11,408
ALTO WELLS PUMPHOUSE	0	0	0	0	0	0	0	0	0
ROCKWOOD PUMPHOUSE	0	0	0	0	0	0	0	0	0
SUNNYVALE PUMPHOUSE	0	0	0	0	0	0	0	0	0
COTTONWOOD PUMPHOUSE	0	0	0	0	0	0	0	0	0
BUILDING CONTROL BLDG.	0	0	0	0	0	0	0	14,590	14,590
BUILDING AFFLUENT STATION	5,250	0	0	0	0	0	0	0	5,250
RADIO TOWER 75'	0	0	0	0	0	0	0	368	368
BUILDING RADIO TOWER	0	0	0	0	0	0	0	903	903
SEWER PLANT	9,055,809	0	0	0	0	0	0	0	9,055,809
GROUP OF HYDRANTS	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF HYDRANTS	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINE MANHOLES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINES	0	0	0	0	0	0	0	0	0

Table 34  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Allocation of Net Plant-in-Service for FY2012

Item	Treatment	Collection	Interceptor	Lift Station	Admin	Customer Accounts	Meters & Services	General Plant	Total
GROUP OF SEWER LINES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINE MANHOLES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINES	0	1,113,625	0	0	0	0	0	0	1,113,625
GROUP OF SEWER LINES	0	72,828	0	0	0	0	0	0	72,828
GROUP OF SEWER LINES	0	80,576	0	0	0	0	0	0	80,576
GROUP OF SEWER LINES	0	70,089	0	0	0	0	0	0	70,089
GROUP OF SEWER LINES	0	21,239	0	0	0	0	0	0	21,239
GROUP OF SEWER LINES	0	15,808	0	0	0	0	0	0	15,808
GROUP OF SEWER LINE MANHOLES	0	418,820	0	0	0	0	0	0	418,820
PHONE SWITCH	0	0	0	0	0	0	0	0	0
PHOTOCOPIER	0	0	0	0	0	0	0	0	0
1 LAB TOP COMPLETE	0	0	0	0	0	0	0	0	0
CPU W/MONITOR	0	0	0	0	0	0	0	115	115
CPU W/MONITOR	0	0	0	0	0	0	0	100	100
CPU W/MONITOR	0	0	0	0	0	0	0	100	100
CPU W/MONITOR	0	0	0	0	0	0	0	100	100
CPU W/MONITOR	0	0	0	0	0	0	0	100	100
CPU W/MONITOR	0	0	0	0	0	0	0	100	100
DELL 2380 CPU	0	0	0	0	0	0	0	100	100
FLOWMETER	0	0	0	0	0	0	0	166	166
FLOWMETER	0	0	0	0	0	0	0	0	0
FLOWMETER	0	0	0	0	0	0	0	0	0
GAS DETECTOR	0	0	0	0	0	0	0	0	0
OXYGEN METER	0	0	0	0	0	0	0	0	0
40' CONTAINER W/STANDARD DOOR 659	0	0	0	0	0	0	0	218	218
40' MINI MOBILE	0	0	0	0	0	0	0	218	218
CONCRETE CUTTER	0	0	0	0	0	0	0	0	0
CONCRETE CUTTER	0	0	0	0	0	0	0	0	0
1986 GOLF CART (GAS) 449	0	0	0	0	0	0	0	190	190
BACKHOE	0	0	0	0	0	0	0	0	0
BOBCAT BRUSH CAT ROTARY CUTTER	0	0	0	0	0	0	0	0	0
BOBCAT BRUSH CAT ROTARY BLADES	0	0	0	0	0	0	0	725	725
200 GAL SPRAY RIG ON AXLE TRAI	0	0	0	0	0	0	0	90	90
KOHLER W/52"DECK	0	0	0	0	0	0	0	653	653
82" YAMAHA GOLF CART	0	0	0	0	0	0	0	0	0
81" YAMAHA GOLF CART	0	0	0	0	0	0	0	290	290
79" YAMAHA GOLF CART	0	0	0	0	0	0	0	612	612
2002 JONH DEERE 4X2 GATOR	0	0	0	0	0	0	0	102	102
TRAIL KING 18' FOR BACKHOE	0	0	0	0	0	0	0	0	0
1954 DIAMOND T TRUCK	0	0	0	0	0	0	0	343	343
1976 FORD WATER TRUCK	0	0	0	0	0	0	0	0	0
1984 GMC 40180 TON VINTAGE TRUCK	0	0	0	0	0	0	0	0	0
2000 S-10 TRUCK	0	0	0	0	0	0	0	0	0
2001 DODGE TRUCK	0	0	0	0	0	0	0	0	0
90 CHEVY 40180 TON 4X4	0	0	0	0	0	0	0	232	232
94 FORD 40180 TON	0	0	0	0	0	0	0	242	242
90 CHEVY 40180 TON	0	0	0	0	0	0	0	190	190
2 TON UTILITY TRAILER	0	0	0	0	0	0	0	72	72
94 CHEVY TRUCK	0	0	0	0	0	0	0	426	426
10 PI TRAILER	0	0	0	0	0	0	0	745	745
1983 DUMP TRUCK 1858	0	0	0	0	0	0	0	491	491
1984 CHEVY C3500 UTILITY TRUCK	0	0	0	0	0	0	0	598	598



Table 34  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Allocation of Net Plant-in-Service for FY2012

Item	Treatment	Collection	Interceptor	Lift Station	Admin	Customer Accounts	Meters & Services	General Plant	Total
1994 FORD TAURUS	0	0	0	0	0	0	0	399	399
1989 CHEVY C3500 UTILITY TRUCK	0	0	0	0	0	0	0	688	688
1989 CHEVY C3500 CREW TRUCK	0	0	0	0	0	0	0	870	870
1996 DODGE CLUB CAB PICKUP	0	0	0	0	0	0	0	222	222
1994 CHEVY PICK UP 3/4 TON	0	0	0	0	0	0	0	547	547
1996 DODGE PICK UP EXT CAB	0	0	0	0	0	0	0	393	393
1988 CHEVY 1 TON 1875	0	0	0	0	0	0	0	725	725
1989 CHEVROLET PICK UP 1876	0	0	0	0	0	0	0	652	652
1992 GMC 40180 TON PICKUP	0	0	0	0	0	0	0	543	543
CPU W/MONITOR	0	0	0	0	0	0	0	113	113
GOLF CARTS	0	0	0	0	0	0	0	955	955
2007 1/2 TON FORD RANGER TRUCK	0	0	0	0	0	0	0	2,736	2,736
2007 1/2 TON FORD RANGER TRUCK	0	0	0	0	0	0	0	2,736	2,736
SKID MOUNTED CENTRIFUGE	82,887	0	0	0	0	0	0	0	82,887
ROTARY TWO-LOBE BLOWER	8,608	0	0	0	0	0	0	0	8,608
2007 FORD 40180 TON F-150 TRUCK	0	0	0	0	0	0	0	2,931	2,931
2007 40180 TON FORD F-150 TRUCK	0	0	0	0	0	0	0	2,931	2,931
2008 FORD 1 TON UTILITY TRUCK	0	4,981	0	0	0	0	0	4,981	4,981
SEWER TIE IN - 11933 W. RIVER	0	0	0	0	0	0	0	2,931	2,931
2007 FORD 40180 TON F-150 TRUCK	0	0	0	0	0	0	0	8,967	8,967
2008 1 TON FORD UTILITY TRUCK	0	0	0	0	0	0	0	0	0
METER READING SOFTWARE/MISC	0	0	0	0	0	0	0	0	0
NEPTUNE SOFTWARE TRAINING	0	0	0	0	0	0	0	0	0
M.M. CLAYTON WATER IMPROV.	0	0	0	0	0	0	0	2,045	2,045
PRECAST SHELTER	0	0	0	0	0	0	0	14,096	14,096
WATER STORAGE RESERVOIR	0	0	0	0	0	0	0	0	0
WATER STORAGE RESERVOIR	0	0	0	0	0	0	0	0	0
WATER STORAGE RESERVOIR	0	0	0	0	0	0	0	0	0
WATER STORAGE RESERVOIR	0	0	0	0	0	0	0	0	0
WATER STORAGE RESERVOIR	0	0	0	0	0	0	0	0	0
PAINT COATING INSPECTIONS	0	0	0	0	0	0	0	0	0
PAINT COATING INSPECTIONS	0	0	0	0	0	0	0	0	0
PAINT COATING INSPECTIONS	0	0	0	0	0	0	0	0	0
PAINT COATING INSPECTIONS	0	0	0	0	0	0	0	0	0
PAINT COATING INSPECTIONS	0	0	0	0	0	0	0	0	0
PAINT COATING INSPECTIONS	0	0	0	0	0	0	0	0	0
PAINT COATING INSPECTIONS	0	0	0	0	0	0	0	0	0
GROUP OF WATER MAIN & LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER MAIN & LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER MAIN & LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINES	0	339,274	0	0	0	0	0	0	339,274
GROUP OF SEWER LINES	0	140,267	0	0	0	0	0	0	140,267
FORKLIFT	0	0	0	0	0	0	0	3,102	3,102
CANOPY COVER	61,998	0	0	0	0	0	0	1,421	61,998
SKID MOUNTED CENTRIFUGE	0	65,201	0	0	0	0	0	0	65,201
SEWER JET CLEANER/TV SYSTEM	0	0	0	0	0	0	0	14,198	14,198
2008 FORD F-650 TRUCK	0	0	0	0	0	0	0	7,057	7,057
2008 FORD F-350 TRUCK	0	0	0	0	0	0	0	4,109	4,109
2008 FORD EXPLORER	0	0	0	0	0	0	0	7,143	7,143
2008 FORD F-350	0	0	0	0	0	0	0	0	0
WELL INSPECTIONS	0	0	0	0	0	0	0	1,437	1,437
REVIEW/APPROVE CONSTRUCTION	0	0	0	0	0	0	0	0	0
NEW SOURCE/ARSENIC APPROVAL	0	0	0	0	0	0	0	0	0

Table 34  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Allocation of Net Plant-in-Service for FY2012

Item	Treatment	Collection	Interceptor	Lift Station	Admin	Customer Accounts	Meters & Services	General Plant	Total
DIETZ CRANE & CANTERBURY WELL	0	0	0	0	0	0	0	0	0
ENGINEERING SVC'S	0	0	0	0	0	0	0	65,317	65,317
ALTO WELL SITE & RESERVOIR	0	0	0	0	0	0	0	0	0
WATER STORAGE RESERVOIR	0	0	0	0	0	0	0	0	0
PAINT COATING INSPECTIONS	0	0	0	0	0	0	0	0	0
CONSTRUCTED RECHARGE FACILITY	0	0	0	0	0	0	0	0	0
DESIGN & CA RECHARGE FACILITY	0	0	0	0	0	0	0	0	0
REVIEW, PERMIT, APPLICATION	5,227	0	0	0	0	0	0	0	5,227
ENGINEER - WATER LINE IMP.	0	0	0	0	0	0	0	0	0
WATER LINE IMPROVEMENTS	0	0	0	0	0	0	0	0	0
INTERPRETER SVC LINE EASEMENTS	0	30	0	0	0	0	0	0	30
PLAN REVIEW	0	0	0	0	0	0	0	289	289
WATER LINE EQUIPMENT	0	0	0	0	0	0	0	0	0
DOWNTOWN WATER SYS IMPROVEMENT	0	0	0	0	0	0	0	0	0
DOWNTOWN WATER SYS IMPROVEMENT	0	0	0	0	0	0	0	0	0
DOWNTOWN WATER SYS IMPROVEMENT	0	0	0	0	0	0	0	0	0
DOWNTOWN WATER SYS IMPROVEMENT	0	0	0	0	0	0	0	0	0
DOWNTOWN WATER SYS IMPROVEMENT	0	0	0	0	0	0	0	0	0
WATER SYSTEMS IMPROVEMENTS	0	0	0	0	0	0	0	0	0
REPLACE A/C UNIT	0	0	0	0	0	0	0	1,795	1,795
SURVEILLANCE SYS-CUSTOMER SERV	0	0	0	0	0	0	0	0	0
SURVEILLANCE SYS-CITY HALL	0	0	0	0	0	0	0	0	0
REVIEW EVAL/PROPOSE IMPROVEMEN	0	0	0	0	0	0	0	0	0
REVIEW EVAL/PROPOSE IMPROVEMEN	0	0	0	0	0	0	0	0	0
REVIEW EVAL/PROPOSE IMPROVEMEN	0	0	0	0	0	0	0	0	0
REVIEW EVAL/PROPOSE IMPROVEMEN	0	0	0	0	0	0	0	0	0
REVIEW EVAL/PROPOSE IMPROVEMEN	0	0	0	0	0	0	0	0	0
DESIGN SEWER LIFT STATION	0	0	0	9,888	0	0	0	0	9,888
REVIEW EVAL/PROPOSE IMPROVEMEN	0	0	0	0	0	0	0	0	0
DESIGN SEWER LIFT STATION	0	0	0	6,978	0	0	0	0	6,978
REVIEW EVAL/PROPOSE IMPROVEMEN	0	0	0	11,605	0	0	0	0	11,605
DESIGN SEWER LIFT STATION	0	0	0	0	0	0	0	0	0
REVIEW EVAL/PROPOSE IMPROVEMEN	0	0	0	0	0	0	0	0	0
CANTERBURY/DIETZ CRANE	0	0	0	0	0	0	0	5,165	5,165
CANTERBURY/DIETZ CRANE	0	0	0	0	0	0	0	57,567	57,567
CANTERBURY/DIETZ CRANE	0	0	0	0	0	0	0	2,528	2,528
CANTERBURY/DIETZ CRANE	0	0	0	0	0	0	0	3,285	3,285
UNDERGROUND STORAGE FACILITY	0	0	0	0	0	0	0	0	0
UNDERGROUND STORAGE FACILITY	0	0	0	0	0	0	0	0	0
UNDERGROUND STORAGE FACILITY	0	0	0	0	0	0	0	0	0
UNDERGROUND STORAGE FACILITY	0	0	0	0	0	0	0	0	0
ARSENIC MITIGATION-DIETZ CRANE	0	0	0	0	0	0	0	0	0
ALTO WATER PROD FACILITY/RESER	0	0	0	0	0	0	0	0	0
DESIGN/CA RECHARGE FACILITY	0	0	0	0	0	0	0	0	0
ARSENIC TREATMENT-DIETZ CRANE	0	0	0	0	0	0	0	0	0
SWIVEL MOUNT VALVE/VAC SYSTEM	0	30,415	0	0	0	0	0	0	30,415
AIR COMPRESSOR	0	0	0	0	0	0	0	0	0
AIR COMPRESSOR PNEUMATIC TOOLS	0	0	0	0	0	0	0	2,556	2,556
GROUP OF WATER LINES	0	0	0	0	0	0	0	1,452	1,452
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	63,880	0	0	0	0	0	0	63,880
CLARITY DASHBOARD/LICENSES	0	0	0	0	0	0	0	263	263
CLARITY DASHBOARD/LICENSES	0	0	0	0	0	0	0	235	235
46.9 HP EMU PUMP	0	0	0	0	0	0	0	0	0

Table 34  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Allocation of Net Plant-in-Service for FY2012

Item	Treatment	Collection	Interceptor	Lift Station	Admin	Customer Accounts	Meters & Services	General Plant	Total
PROCAM DVD ULTRA MINI CAMERA	5,111	0	0	0	0	0	0	0	5,111
REMODEL - OFFICE & CONF RM	0	0	0	0	0	0	0	7,658	7,658
CARPET, TILE OFFICE/CONF RM	0	0	0	0	0	0	0	1,075	1,075
HANDHELD GPS/RECEIVER/MISC.	0	0	0	0	0	0	0	912	912
2009 FORD F-350 TRUCK	0	0	0	0	0	0	0	4,992	4,992
LIGHTBAR	0	0	0	0	0	0	0	459	459
TOOL BOX, SIDE BOX, BED LINER	0	0	0	0	0	0	0	304	304
MOBILE GPS SOFTWARE SYSTEM	0	0	0	0	0	0	0	2,497	2,497
CONTROL BOX, CONTROLLER	0	0	0	0	0	0	0	2,604	2,604
2 TOUCHBOOK LAPTOPS/WARRANTY	0	0	0	0	0	0	0	1,162	1,162
2009 FORD S-DTY F-350 TRUCK	0	0	0	0	0	0	0	5,938	5,938
2009 FORD S-DTY F-350 TRUCK	0	0	0	0	0	0	0	5,942	5,942
2009 FORD F-350 TRUCK	0	0	0	0	0	0	0	5,942	5,942
EMERGENCY LIGHTING EQUIP	0	0	0	0	0	0	0	450	450
EMERGENCY LIGHTING EQUIP	0	0	0	0	0	0	0	452	452
EMERGENCY LIGHTING EQUIP	0	0	0	0	0	0	0	451	451
SCADA UPGRADE PERC PROGRAM	0	0	0	0	0	0	0	755	755
THUNDERBIRD - DYSART TO GRAND	0	0	0	0	0	0	0	0	0
WWTP CONTACT CHLORINATION STAT	366,743	0	0	0	0	0	0	0	366,743
WW INFLUENT SCREENING	140,163	0	0	0	0	0	0	0	140,163
HERITAGE WATER CAMPUS	0	0	0	0	0	0	0	66,333	66,333
WELL SITE GENERATORS	0	0	0	0	0	0	0	0	0
WWTP INFLUENT SCREENING	235,436	0	0	0	0	0	0	0	235,436
WWTP CONTACT CHLORINATION STAT	80,645	0	0	0	0	0	0	0	80,645
THUNDERBIRD WATER LINE REPLACE	0	0	0	0	0	0	0	0	0
SURVEILLANCE CAMERAS	0	0	0	0	0	0	0	1,155	1,155
2010 FORD RANGER	0	0	0	0	0	0	0	4,400	4,400
2010 FORD RANGER	0	0	0	0	0	0	0	4,396	4,396
EMERGENCY LIGHTS/UTILITY BOX	0	0	0	0	0	0	0	577	577
EMERGENCY LIGHTS/UTILITY BOX	0	0	0	0	0	0	0	577	577
K-TURBO BLOWER	48,063	0	0	0	0	0	0	0	48,063
2 K-TURBO	79,797	0	0	0	0	0	0	0	79,797
5 TON A/C UNIT & DUCTWORK	0	0	0	0	0	0	0	4,190	4,190
2 HVAC UNITS	0	0	0	0	0	0	0	3,310	3,310
SEWER IMPROVEMENTS - VARNEY RD	0	24,320	0	0	0	0	0	0	24,320
COTTONWOOD WATER LINE IMPROV.	0	0	0	0	0	0	0	0	0
COTTONWOOD WATER LINE IMPROV.	0	0	0	0	0	0	0	0	0
SOUTHERN SEWER SYSTEM	0	597,125	0	0	0	0	0	0	597,125
ROCKWOOD TANK REPAIRS	0	0	0	0	0	0	0	0	0
MANHOLE COVER PROJECT	0	15,044	0	0	0	0	0	0	15,044
WATERLINE REPLACEMENT	0	0	0	0	0	0	0	0	0
SCADA SYSTEM UPGRADE	0	0	0	0	0	0	0	0	0
LIFT STATION IMPROVEMENTS	0	0	0	36,579	0	0	0	11,097	11,097
SOUTHERN SEWER SYSTEM	0	217,753	0	0	0	0	0	0	217,753
RECHARGE FACILITY	0	0	0	0	0	0	0	0	0
UTILITY INFRASTRUCTURE	0	0	0	0	0	0	0	0	0
WIFA DISTR SYS ELEC STUDY	0	0	0	0	0	0	0	0	0
PEORIA AVE WATERLINE IMPROV.	0	0	0	0	0	0	0	0	0
LAND PARCEL	0	0	0	0	0	0	0	558	558
LAND PARCEL	0	0	0	0	0	0	0	1,943	1,943
LAND PARCEL	0	0	0	0	0	0	0	1,282	1,282
LAND PARCEL	0	0	0	0	0	0	0	650	650
LAND PARCEL	0	0	0	0	0	0	0	12,336	12,336
LAND PARCEL	0	0	0	0	0	0	0	646	646
THOMPSON RANCH WELL-UPGRADE	0	0	0	0	0	0	0	2,010	2,010
	0	0	0	0	0	0	0	0	0

Table 34  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Allocation of Net Plant-in-Service for FY2012

Item	Treatment	Collection	Interceptor	Lift Station	Admin	Customer Accounts	Meters & Services	General Plant	Total
DIETZ CRANE WELL	0	0	0	0	0	0	0	0	0
127TH WATER BOOSTER STATION	0	0	0	0	0	0	0	0	0
ADDITION TO WWTP-RECLAM SYSTEM	36,567	0	0	0	0	0	0	0	36,567
SBR BASINS 3 & 4	457,877	0	0	0	0	0	0	0	457,877
BOOSTER STATION UPGRADES	0	0	0	0	0	0	0	0	0
127TH LANE WELL & BOOSTER STAT	0	0	0	0	0	0	0	0	0
WWTP SBR BASINS 3 & 4	489,093	0	0	0	0	0	0	0	489,093
WWTP RECLAMATION & CONTROL	206,846	0	0	0	0	0	0	0	206,846
250 HP WELL PUMP MOTOR	0	0	0	0	0	0	0	0	0
5 COLUMBIA PAR GOLF CART	0	0	0	0	0	0	0	1,187	1,187
5 COLUMBIA PAR GOLF CART	0	0	0	0	0	0	0	1,190	1,190
ELECTRICAL EQUIPMENT	0	0	0	0	0	0	0	1,329	1,329
CANTERBURY WELL CONSTR PMT #1	0	0	0	0	0	0	0	0	0
CONSTR/START CANTERBURY WELL	0	0	0	0	0	0	0	0	0
PUMP BASE CONSTRUCTION	0	0	0	0	0	0	0	0	0
PRECAST SHELTER	0	0	0	0	0	0	0	0	0
PRECAST SHELTER	0	0	0	0	0	0	0	4,826	4,826
CANTERBURY WELL CONSTR PMT #3	0	0	0	0	0	0	0	8,927	8,927
WATER RESEVOIR STORAGE TANKS	0	0	0	0	0	0	0	0	0
REG'L PK & DIETZ CRANE WELLS	0	0	0	0	0	0	0	0	0
CANTERBURY WELL CONSTR PMT #4	0	0	0	0	0	0	0	0	0
ELECTRICAL EQUIPMENT	0	0	0	0	0	0	0	0	0
WATER RESEVOIR STORAGE TANKS	0	0	0	0	0	0	0	315	315
CANTERBURY WELL CONSTR PMT#6	0	0	0	0	0	0	0	0	0
REG'L PARK & DIETZ CRANE WELLS	0	0	0	0	0	0	0	0	0
APP FOR CONSTR ALTO WELL	0	0	0	0	0	0	0	0	0
APPROVAL TO CONSTR ALTO WELL	0	0	0	0	0	0	0	0	0
ALTO WELL DRILLING	0	0	0	0	0	0	0	0	0
WATER RESEVOIR STORAGE TANKS	0	0	0	0	0	0	0	0	0
ALTO WELL PERMIT	0	0	0	0	0	0	0	0	0
WATER RESEVOIR STORAGE TANKS	0	0	0	0	0	0	0	0	0
CANTERBURY WELL CONSTR PMT #5	0	0	0	0	0	0	0	0	0
ELECTRICAL EQUIPMENT	0	0	0	0	0	0	0	0	0
CONSTR/START CANTERBURY WELL	0	0	0	0	0	0	0	2,701	2,701
CANTERBURY TURBINE PUMP	0	0	0	0	0	0	0	0	0
PULL SUBMERSIBLE PUMP ALTO	0	0	0	0	0	0	0	0	0
PAVING	0	0	0	0	0	0	0	0	0
PAVING	0	0	0	0	0	0	0	251,353	251,353
HP XF 235 LAPTOP	0	0	0	0	0	0	0	120,193	120,193
	0	0	0	0	0	0	0	182	182
<b>Total</b>	<b>\$11,386,005</b>	<b>\$3,291,275</b>	<b>\$0</b>	<b>\$65,050</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$827,312</b>	<b>#####</b>

Table 35  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Allocation of Net Plant-in-Service for FY2013

Item	Treatment	Collection	Interceptor	Lift Station	Admin	Customer Accounts	Meters & Services	General Plant	Total
ELEVATED WATER TANK	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ELEVATED WATER TANK	0	0	0	0	0	0	0	0	0
ELEVATED WATER TANK	0	0	0	0	0	0	0	0	0
ELEVATED WATER TANK	0	0	0	0	0	0	0	0	0
TANK A/G 350000 GALLON	0	0	0	0	0	0	0	0	0
WATER TANK 750000 GALLON	0	0	0	0	0	0	0	0	0
FILTER TANKS W/BACKWASH	0	0	0	0	0	0	0	0	0
AFFLUENT WELL W/ROTOR	0	0	0	0	0	0	0	0	0
BACK UP GENERATOR 500 KW	0	0	0	0	0	0	0	0	0
CONTACT BASIN WITH PAVILION	0	0	0	0	0	0	0	0	0
SLUDGE STATION WITH PAVILION	0	0	0	0	0	0	0	0	0
CLARIFIER 20' RADIUS WELL	0	0	0	0	0	0	0	0	0
FENCE CHAIN LINK 6' W/BARBED W	0	0	0	0	0	0	0	0	0
RETAINING WALL CONCRETE	0	0	0	0	0	0	0	3,348	3,348
PAVING CONCRETE	0	0	0	0	0	0	0	3,893	3,893
PAVING ASPHALT	0	0	0	0	0	0	0	4,892	4,892
ALTO WELLS PUMPHOUSE	0	0	0	0	0	0	0	10,672	10,672
ROCKWOOD PUMPHOUSE	0	0	0	0	0	0	0	0	0
SUNNYVALE PUMPHOUSE	0	0	0	0	0	0	0	0	0
COTTONWOOD PUMPHOUSE	0	0	0	0	0	0	0	0	0
BUILDING CONTROL BLDG.	0	0	0	0	0	0	0	14,004	14,004
BUILDING AFFLUENT STATION	4,933	0	0	0	0	0	0	0	4,933
RADIO TOWER 75'	0	0	0	0	0	0	0	331	331
BUILDING RADIO TOWER	8,741,684	0	0	0	0	0	0	846	846
SEWER PLANT	0	0	0	0	0	0	0	0	0
GROUP OF HYDRANTS	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF HYDRANTS	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINE MANHOLES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINES	0	0	0	0	0	0	0	0	0

Table 35  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Allocation of Net Plant-in-Service for FY2013

Item	Treatment	Collection	Interceptor	Lift Station	Admin	Customer Accounts	Meters & Services	General Plant	Total
GROUP OF SEWER LINES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINE MANHOLES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINES	0	1,002,263	0	0	0	0	0	0	1,002,263
GROUP OF SEWER LINES	0	65,545	0	0	0	0	0	0	65,545
GROUP OF SEWER LINES	0	72,518	0	0	0	0	0	0	72,518
GROUP OF SEWER LINES	0	63,080	0	0	0	0	0	0	63,080
GROUP OF SEWER LINES	0	19,115	0	0	0	0	0	0	19,115
GROUP OF SEWER LINES	0	14,227	0	0	0	0	0	0	14,227
GROUP OF SEWER LINE MANHOLES	0	376,938	0	0	0	0	0	0	376,938
PHONE SWITCH	0	0	0	0	0	0	0	0	0
PHOTOCOPIER	0	0	0	0	0	0	0	0	0
1 LAB TOP COMPLETE	0	0	0	0	0	0	0	0	0
CPU W/MONITOR	0	0	0	0	0	0	0	33	33
CPU W/MONITOR	0	0	0	0	0	0	0	33	33
CPU W/MONITOR	0	0	0	0	0	0	0	33	33
CPU W/MONITOR	0	0	0	0	0	0	0	33	33
CPU W/MONITOR	0	0	0	0	0	0	0	33	33
DELL 2300 CPU	0	0	0	0	0	0	0	33	33
FLOWMETER	0	0	0	0	0	0	0	83	83
FLOWMETER	0	0	0	0	0	0	0	0	0
FLOWMETER	0	0	0	0	0	0	0	0	0
GAS DETECTOR	0	0	0	0	0	0	0	0	0
OXYGEN METER	0	0	0	0	0	0	0	0	0
40' CONTAINER W/STANDARD DOOR 659	0	0	0	0	0	0	0	0	0
40' MINI MOBILE	0	0	0	0	0	0	0	0	0
CONCRETE CUTTER	0	0	0	0	0	0	0	0	0
CONCRETE SMOOTHIE	0	0	0	0	0	0	0	0	0
1986 GOLF CART (GAS) 449	0	0	0	0	0	0	0	0	0
BACKHOE	0	0	0	0	0	0	0	148	148
BOBCAT BRUSH CAT ROTARY CUTTER	0	0	0	0	0	0	0	0	0
BOBCAT BRUSH CAT ROTARY BLADES	0	0	0	0	0	0	0	604	604
200 GAL SPRAY RIG ON AXLE TRAI	0	0	0	0	0	0	0	0	0
KOHLER W/52"DECK	0	0	0	0	0	0	0	544	544
82" YAMAHA GOLF CART	0	0	0	0	0	0	0	0	0
81" YAMAHA GOLF CART	0	0	0	0	0	0	0	241	241
79"YAMAHA GOLF CART	0	0	0	0	0	0	0	510	510
2002 JONH DEERE 4X2 GATOR	0	0	0	0	0	0	0	0	0
TRAIL KING 18' FOR BACKHOE	0	0	0	0	0	0	0	0	0
1954 DIAMOND T TRUCK	0	0	0	0	0	0	0	147	147
1976 FORD WATER TRUCK	0	0	0	0	0	0	0	0	0
1984 GMC 40180 TON VINTAGE TRUCK	0	0	0	0	0	0	0	0	0
2000 S-10 TRUCK	0	0	0	0	0	0	0	0	0
2001 DODGE TRUCK	0	0	0	0	0	0	0	0	0
90 CHEVY 40180 TON 4X4	0	0	0	0	0	0	0	116	116
94 FORD 40180 TON	0	0	0	0	0	0	0	121	121
90 CHEVY 40180 TON	0	0	0	0	0	0	0	95	95
2 TON UTILITY TRAILER	0	0	0	0	0	0	0	36	36
94 CHEVY TRUCK	0	0	0	0	0	0	0	219	219
10 PI TRAILER	0	0	0	0	0	0	0	621	621
1983 DUMP TRUCK 1858	0	0	0	0	0	0	0	240	240
1984 CHEVY C3500 UTILTIY TRUCK	0	0	0	0	0	0	0	498	498

Table 35  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Allocation of Net Plant-in-Service for FY2013

Item	Treatment	Collection	Interceptor	Lift Station	Admin	Customer Accounts	Meters & Services	General Plant	Total
1994 FORD TAURUS	0	0	0	0	0	0	0	332	332
1989 CHEVY C3500 UTILITY TRUCK	0	0	0	0	0	0	0	574	574
1989 CHEVY C3500 CREW TRUCK	0	0	0	0	0	0	0	725	725
1996 DODGE CLUB CAB PICKUP	0	0	0	0	0	0	0	0	0
1994 CHEVY PICK UP 3/4 TON	0	0	0	0	0	0	0	312	312
1996 DODGE PICK UP EXT CAB	0	0	0	0	0	0	0	94	94
1988 CHEVY 1 TON 1875	0	0	0	0	0	0	0	604	604
1989 CHEVROLET PICK UP 1876	0	0	0	0	0	0	0	543	543
1992 GMC 40180 TON PICKUP	0	0	0	0	0	0	0	471	471
CPU W/MONITOR	0	0	0	0	0	0	0	38	38
GOLF CARTS	0	0	0	0	0	0	0	477	477
2007 1/2 TON FORD RANGER TRUCK	0	0	0	0	0	0	0	2,241	2,241
2007 1/2 TON FORD RANGER TRUCK	0	0	0	0	0	0	0	2,241	2,241
SKID MOUNTED CENTRIFUGE	77,388	0	0	0	0	0	0	0	77,388
ROTARY TWO-LOBE BLOWER	7,167	0	0	0	0	0	0	0	7,167
2007 FORD 40180 TON F-150 TRUCK	0	0	0	0	0	0	0	2,391	2,391
2007 40180 TON FORD F-150 TRUCK	0	0	0	0	0	0	0	2,391	2,391
2008 FORD 1 TON UTILITY TRUCK	0	0	0	0	0	0	0	3,808	3,808
SEWER TIE IN - 11933 W. RIVER	0	4,148	0	0	0	0	0	0	4,148
2007 FORD 40180 TON F-150 TRUCK	0	0	0	0	0	0	0	2,391	2,391
2008 1 TON FORD UTILITY TRUCK	0	0	0	0	0	0	0	7,426	7,426
METER READING SOFTWARE/MISC	0	0	0	0	0	0	0	0	0
NEPTUNE SOFTWARE TRAINING	0	0	0	0	0	0	0	0	0
M.M. CLAYTON WATER IMPROV.	0	0	0	0	0	0	0	1,690	1,690
PRECAST SHELTER	0	0	0	0	0	0	0	13,786	13,786
WATER STORAGE RESERVOIR	0	0	0	0	0	0	0	0	0
WATER STORAGE RESERVOIR	0	0	0	0	0	0	0	0	0
WATER STORAGE RESERVOIR	0	0	0	0	0	0	0	0	0
WATER STORAGE RESERVOIR	0	0	0	0	0	0	0	0	0
WATER STORAGE RESERVOIR	0	0	0	0	0	0	0	0	0
PAINT COATING INSPECTIONS	0	0	0	0	0	0	0	0	0
PAINT COATING INSPECTIONS	0	0	0	0	0	0	0	0	0
PAINT COATING INSPECTIONS	0	0	0	0	0	0	0	0	0
PAINT COATING INSPECTIONS	0	0	0	0	0	0	0	0	0
PAINT COATING INSPECTIONS	0	0	0	0	0	0	0	0	0
PAINT COATING INSPECTIONS	0	0	0	0	0	0	0	0	0
PAINT COATING INSPECTIONS	0	0	0	0	0	0	0	0	0
GROUP OF WATER MAIN & LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER MAIN & LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER MAIN & LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINES	0	323,116	0	0	0	0	0	0	323,116
GROUP OF SEWER LINES	0	133,587	0	0	0	0	0	0	133,587
FORKLIFT	0	0	0	0	0	0	0	2,625	2,625
CANOPY COVER	0	0	0	0	0	0	0	1,210	1,210
SKID MOUNTED CENTRIFUGE	58,332	0	0	0	0	0	0	0	58,332
SEWER JET CLEANER/TV SYSTEM	0	55,872	0	0	0	0	0	0	55,872
2008 FORD F-650 TRUCK	0	0	0	0	0	0	0	12,034	12,034
2008 FORD F-350 TRUCK	0	0	0	0	0	0	0	5,985	5,985
2008 FORD EXPLORER	0	0	0	0	0	0	0	3,487	3,487
2008 FORD F-350	0	0	0	0	0	0	0	6,085	6,085
WELL INSPECTIONS	0	0	0	0	0	0	0	0	0
REVIEW/APPROVE CONSTRUCTION	0	0	0	0	0	0	0	1,352	1,352
NEW SOURCE/ARSENIC APPROVAL	0	0	0	0	0	0	0	0	0

Table 35  
 City of ElMitrage  
 Wastewater Cost-of-Service Analysis  
 Allocation of Net Plant-in-Service for FY2013

Item	Treatment	Collection	Interceptor	Lift Station	Admin	Customer Accounts	Meters & Services	General Plant	Total
DIETZ CRANE & CANTERBURY WELL	0	0	0	0	0	0	0	0	0
ENGINEERING SVC'S	0	0	0	0	0	0	0	61,474	61,474
ALTO WELL SITE & RESERVOIR	0	0	0	0	0	0	0	0	0
WATER STORAGE RESERVOIR	0	0	0	0	0	0	0	0	0
PAINT COATING INSPECTIONS	0	0	0	0	0	0	0	0	0
CONSTRUCTED RECHARGE FACILITY	0	0	0	0	0	0	0	0	0
DESIGN & CA RECHARGE FACILITY	0	0	0	0	0	0	0	0	0
REVIEW, PERMIT, APPLICATION	4,919	0	0	0	0	0	0	0	4,919
ENGINEER - WATER LINE IMP.	0	0	0	0	0	0	0	0	0
WATER LINE IMPROVEMENTS	0	15	0	0	0	0	0	0	15
INTERPRETER SVC LINE EASEMENTS	0	0	0	0	0	0	0	145	145
PLAN REVIEW	0	0	0	0	0	0	0	0	0
WATER LINE EQUIPMENT	0	0	0	0	0	0	0	0	0
DOWNTOWN WATER SYS IMPROVEMENT	0	0	0	0	0	0	0	0	0
DOWNTOWN WATER SYS IMPROVEMENT	0	0	0	0	0	0	0	0	0
DOWNTOWN WATER SYS IMPROVEMENT	0	0	0	0	0	0	0	0	0
DOWNTOWN WATER SYS IMPROVEMENT	0	0	0	0	0	0	0	0	0
DOWNTOWN WATER SYS IMPROVEMENT	0	0	0	0	0	0	0	0	0
WATER SYSTEMS IMPROVEMENTS	0	0	0	0	0	0	0	0	0
REPLACE A/C UNIT	0	0	0	0	0	0	0	1,533	1,533
SURVEILLANCE SYS-CUSTOMER SERV	0	0	0	0	0	0	0	0	0
SURVEILLANCE SYS-CITY HALL	0	0	0	0	0	0	0	0	0
REVIEW EVAL/PROPOSE IMPROVEMEN	0	0	0	0	0	0	0	0	0
REVIEW EVAL/PROPOSE IMPROVEMEN	0	0	0	0	0	0	0	0	0
REVIEW EVAL/PROPOSE IMPROVEMEN	0	0	0	0	0	0	0	0	0
REVIEW EVAL/PROPOSE IMPROVEMEN	0	0	0	0	0	0	0	0	0
REVIEW EVAL/PROPOSE IMPROVEMEN	0	0	0	0	0	0	0	0	0
DESIGN SEWER LIFT STATION	0	0	0	9,049	0	0	0	0	9,049
REVIEW EVAL/PROPOSE IMPROVEMEN	0	0	0	0	0	0	0	0	0
DESIGN SEWER LIFT STATION	0	0	0	6,390	0	0	0	0	6,390
DESIGN SEWER LIFT STATION	0	0	0	10,638	0	0	0	0	10,638
REVIEW EVAL/PROPOSE IMPROVEMEN	0	0	0	0	0	0	0	0	0
CANTERBURY/DIETZ CRANE	0	0	0	0	0	0	0	4,851	4,851
CANTERBURY/DIETZ CRANE	0	0	0	0	0	0	0	\$4,072	\$4,072
CANTERBURY/DIETZ CRANE	0	0	0	0	0	0	0	2,377	2,377
CANTERBURY/DIETZ CRANE	0	0	0	0	0	0	0	3,080	3,080
UNDERGROUND STORAGE FACILITY	0	0	0	0	0	0	0	0	0
UNDERGROUND STORAGE FACILITY	0	0	0	0	0	0	0	0	0
UNDERGROUND STORAGE FACILITY	0	0	0	0	0	0	0	0	0
UNDERGROUND STORAGE FACILITY	0	0	0	0	0	0	0	0	0
ARSENIC MITIGATION-DIETZ CRANE	0	0	0	0	0	0	0	0	0
ALTO WATER PROD FACILITY/RESER	0	0	0	0	0	0	0	0	0
DESIGN/CA RECHARGE FACILITY	0	0	0	0	0	0	0	0	0
ARSENIC TREATMENT-DIETZ CRANE	0	0	0	0	0	0	0	0	0
SWIVEL MOUNT VALVE/VAC SYSTEM	0	25,505	0	0	0	0	0	0	25,505
AIR COMPRESSOR	0	0	0	0	0	0	0	2,174	2,174
AIR COMPRESSOR PNEUMATIC TOOLS	0	0	0	0	0	0	0	1,243	1,243
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF WATER LINES	0	0	0	0	0	0	0	0	0
GROUP OF SEWER LINES	0	60,976	0	0	0	0	0	0	60,976
CLARITY DASHBOARD/LICENSES	0	0	0	0	0	0	0	167	167
CLARITY DASHBOARD/LICENSES	0	0	0	0	0	0	0	150	150
46.9 HP EMU PUMP	0	0	0	0	0	0	0	0	0



Table 35  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Allocation of Net Plant-in-Service for FY2013

Item	Treatment	Collection	Interceptor	Lift Station	Admin	Customer Accounts	Meters & Services	General Plant	Total
PROCAM DVD ULTRA MINI CAMERA	4,070	0	0	0	0	0	0	0	4,070
REMODEL - OFFICE & CONF RM	0	0	0	0	0	0	0	7,064	7,064
CARPET, TILE OFFICE/CONF RM	0	0	0	0	0	0	0	992	992
HANDHELD GPS/RECEIVER/MISC.	0	0	0	0	0	0	0	589	589
2009 FORD F-350 TRUCK	0	0	0	0	0	0	0	4,324	4,324
LIGHTBAR	0	0	0	0	0	0	0	398	398
TOOL BOX, SIDE BOX, BED LINER	0	0	0	0	0	0	0	264	264
MOBILE GPS SOFTWARE SYSTEM	0	0	0	0	0	0	0	1,658	1,658
CONTROL BOX, CONTROLLER	0	0	0	0	0	0	0	2,278	2,278
2 TOUGHBOOK LAPTOPS/WARRANTY	0	0	0	0	0	0	0	771	771
2009 FORD S-DTY F-350 TRUCK	0	0	0	0	0	0	0	5,127	5,127
2009 FORD S-DTY F-350 TRUCK	0	0	0	0	0	0	0	5,131	5,131
2009 FORD F-350 TRUCK	0	0	0	0	0	0	0	5,131	5,131
EMERGENCY LIGHTING EQUIP	0	0	0	0	0	0	0	389	389
EMERGENCY LIGHTING EQUIP	0	0	0	0	0	0	0	390	390
EMERGENCY LIGHTING EQUIP	0	0	0	0	0	0	0	390	390
SCADA UPGRADE PERC PROGRAM	0	0	0	0	0	0	0	426	426
THUNDERBIRD - DYSART TO GRAND	0	0	0	0	0	0	0	0	0
WWTP CONTACT CHLORINATION STAT	346,365	0	0	0	0	0	0	0	346,365
WW INFLUENT SCREENING	132,375	0	0	0	0	0	0	0	132,375
HERITAGE WATER CAMPUS	0	0	0	0	0	0	0	62,648	62,648
WELL SITE GENERATORS	0	0	0	0	0	0	0	0	0
WWTP INFLUENT SCREENING	222,356	0	0	0	0	0	0	0	222,356
WWTP CONTACT CHLORINATION STAT	76,164	0	0	0	0	0	0	0	76,164
THUNDERBIRD WATER LINE REPLACE	0	0	0	0	0	0	0	0	0
SURVEILLANCE CAMERAS	0	0	0	0	0	0	0	0	0
2010 FORD RANGER	0	0	0	0	0	0	0	1,020	1,020
2010 FORD RANGER	0	0	0	0	0	0	0	3,870	3,870
EMERGENCY LIGHTS/UTILITY BOX	0	0	0	0	0	0	0	3,866	3,866
EMERGENCY LIGHTS/UTILITY BOX	0	0	0	0	0	0	0	509	509
K-TURBO BLOWER	42,558	0	0	0	0	0	0	509	509
2 K-TURBO	69,970	0	0	0	0	0	0	0	42,558
5 TON AC UNIT & DUCTWORK	0	0	0	0	0	0	0	0	69,970
2 HVAC UNITS	0	0	0	0	0	0	0	0	0
SEWER IMPROVEMENTS - VARNEY RD	0	0	0	0	0	0	0	3,684	3,684
COTTONWOOD WATER LINE IMPROV.	0	23,038	0	0	0	0	0	2,920	2,920
COTTONWOOD WATER LINE IMPROV.	0	0	0	0	0	0	0	0	23,038
SOUTHERN SEWER SYSTEM	0	565,693	0	0	0	0	0	0	0
ROCKWOOD TANK REPAIRS	0	14,252	0	0	0	0	0	0	565,693
MANHOLE COVER PROJECT	0	0	0	0	0	0	0	0	0
WATERLINE REPLACEMENT	0	0	0	0	0	0	0	0	14,252
SCADA SYSTEM UPGRADE	0	0	0	0	0	0	0	0	0
LIFT STATION IMPROVEMENTS	0	0	0	34,653	0	0	0	8,321	8,321
SOUTHERN SEWER SYSTEM	0	206,290	0	0	0	0	0	0	34,653
RECHARGE FACILITY	0	0	0	0	0	0	0	0	206,290
UTILITY INFRASTRUCTURE	0	0	0	0	0	0	0	0	0
WIFA DISTR SYS ELEC STUDY	0	0	0	0	0	0	0	0	0
PEORIA AVE WATERLINE IMPROV.	0	0	0	0	0	0	0	0	0
LAND PARCEL	0	0	0	0	0	0	0	0	0
LAND PARCEL	0	0	0	0	0	0	0	558	558
LAND PARCEL	0	0	0	0	0	0	0	1,943	1,943
LAND PARCEL	0	0	0	0	0	0	0	1,282	1,282
LAND PARCEL	0	0	0	0	0	0	0	650	650
LAND PARCEL	0	0	0	0	0	0	0	12,336	12,336
LAND PARCEL	0	0	0	0	0	0	0	646	646
THOMPSON RANCH WELL-UPGRADE	0	0	0	0	0	0	0	2,010	2,010
	0	0	0	0	0	0	0	0	0

Table 35  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Allocation of Net Plant-in-Service for FY2013

Item	Treatment	Collection	Interceptor	Lift Station	Admin	Customer Accounts	Meters & Services	General Plant	Total
DIETZ CRANE WELL	0	0	0	0	0	0	0	0	0
127TH WATER BOOSTER STATION	0	0	0	0	0	0	0	0	0
ADDITION TO WWTP-RECLAM SYSTEM	35,716	0	0	0	0	0	0	0	35,716
SBR BASINS 3 & 4	447,228	0	0	0	0	0	0	0	447,228
BOOSTER STATION UPGRADES	0	0	0	0	0	0	0	0	0
127TH LANE WELL & BOOSTER STAT	0	0	0	0	0	0	0	0	0
WWTP SBR BASINS 3 & 4	463,239	0	0	0	0	0	0	0	463,239
WWTP RECLAMATION & CONTROL	195,513	0	0	0	0	0	0	0	195,513
250 HP WELL PUMP MOTOR	0	0	0	0	0	0	0	0	0
5 COLUMBIA PAR GOLF CART	0	0	0	0	0	0	0	938	938
5 COLUMBIA PAR GOLF CART	0	0	0	0	0	0	0	940	940
ELECTRICAL EQUIPMENT	0	0	0	0	0	0	0	1,008	1,008
CANTERBURY WELL CONSTR PMT #1	0	0	0	0	0	0	0	0	0
CONSTR/START CANTERBURY WELL	0	0	0	0	0	0	0	0	0
PUMP BASE CONSTRUCTION	0	0	0	0	0	0	0	0	0
PRECAST SHELTER	0	0	0	0	0	0	0	0	0
PRECAST SHELTER	0	0	0	0	0	0	0	0	0
CANTERBURY WELL CONSTR PMT #3	0	0	0	0	0	0	0	4,718	4,718
WATER RESEVOIR STORAGE TANKS	0	0	0	0	0	0	0	8,726	8,726
RECL PK & DIETZ CRANE WELLS	0	0	0	0	0	0	0	0	0
CANTERBURY WELL CONSTR PMT #4	0	0	0	0	0	0	0	0	0
ELECTRICAL EQUIPMENT	0	0	0	0	0	0	0	0	0
WATER RESEVOIR STORAGE TANKS	0	0	0	0	0	0	0	250	250
CANTERBURY WELL CONSTR PMT#6	0	0	0	0	0	0	0	0	0
RECL PARK & DIETZ CRANE WELLS	0	0	0	0	0	0	0	0	0
APP FOR CONSTR ALTO WELL	0	0	0	0	0	0	0	0	0
APPROVAL TO CONSTR ALTO WELL	0	0	0	0	0	0	0	0	0
ALTO WELL DRILLING	0	0	0	0	0	0	0	0	0
WATER RESEVOIR STORAGE TANKS	0	0	0	0	0	0	0	0	0
ALTO WELL PERMIT	0	0	0	0	0	0	0	0	0
WATER RESEVOIR STORAGE TANKS	0	0	0	0	0	0	0	0	0
CANTERBURY WELL CONSTR PMT #5	0	0	0	0	0	0	0	0	0
ELECTRICAL EQUIPMENT	0	0	0	0	0	0	0	2,038	2,038
CONSTR/START CANTERBURY WELL	0	0	0	0	0	0	0	0	0
CANTERBURY TURBINE PUMP	0	0	0	0	0	0	0	0	0
PULL SUBMERSIBLE PUMP ALTO	0	0	0	0	0	0	0	0	0
PAVING	0	0	0	0	0	0	0	0	0
PAVING	0	0	0	0	0	0	0	239,245	239,245
HP XF 235 LAPTOP	0	0	0	0	0	0	0	114,468	114,468
								91	91

Table 36  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Summary of Net Plant-in-Service Allocated to System Unit Processes

Unit Process	FY2011	FY2012	FY2013
Treatment	\$11,842,032	\$11,386,005	\$10,929,978
Collection	3,571,771	3,291,275	3,026,178
Interceptor	0	0	0
Lift Station	69,369	65,050	60,730
Admin	0	0	0
Customer Accounts	0	0	0
Meters & Services	0	0	0
<b>Total</b>	<b>\$16,376,239</b>	<b>\$15,569,642</b>	<b>\$14,780,389</b>

**Table 37**  
**City of El Mirage**  
**Wastewater Cost-of-Service Analysis**  
**Percent Allocation of Net Plant-in-Service to Customer Service Characteristics**

Unit Process	Flow	BOD	TSS	Customer	Total
Treatment	37.5%	37.2%	25.3%	0.0%	100.00%
Collection	100.0%	0.0%	0.0%	0.0%	100.00%
Interceptor	100.0%	0.0%	0.0%	0.0%	100.00%
Lift Station	100.0%	0.0%	0.0%	0.0%	100.00%
Admin	0.0%	0.0%	0.0%	100.0%	100.00%
Customer Accounts	0.0%	0.0%	0.0%	100.0%	100.00%
Meters & Services	0.0%	0.0%	0.0%	100.0%	100.00%

Table 38  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Allocation of Net Plant-in-Service to Customer Service Characteristics  
 FY2011

Unit Process	Flow	BOD	TSS	Customer	Total
Treatment	\$4,440,762	\$4,405,236	\$2,996,034	\$0	\$11,842,032
Collection	3,571,771	0	0	0	3,571,771
Interceptor	0	0	0	0	0
Lift Station	69,369	0	0	0	69,369
Admin	0	0	0	0	0
Customer Accounts	0	0	0	0	0
Meters & Services	0	0	0	0	0
<b>Total</b>	<b>\$8,081,903</b>	<b>\$4,405,236</b>	<b>\$2,996,034</b>	<b>\$893,066</b>	<b>\$16,376,239</b>

Table 39  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Allocation of Net Plant-in-Service to Customer Service Characteristics  
 FY2012

Unit Process	Flow	BOD	TSS	Customer	Total
Treatment	\$4,269,752	\$4,235,594	\$2,880,659	\$0	\$11,386,005
Collection	3,291,275	0	0	0	3,291,275
Interceptor	0	0	0	0	0
Lift Station	65,050	0	0	0	65,050
Admin	0	0	0	0	0
Customer Accounts	0	0	0	0	0
Meters & Services	0	0	0	0	0
<b>Total</b>	<b>\$7,626,076</b>	<b>\$4,235,594</b>	<b>\$2,880,659</b>	<b>\$827,312</b>	<b>\$15,569,642</b>

Table 40  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Allocation of Net Plant-in-Service to Customer Service Characteristics  
 FY2013

Unit Process	Flow	BOD	TSS	Customer	Total
Treatment	\$4,098,742	\$4,065,952	\$2,765,284	\$0	\$10,929,978
Collection	3,026,178	0	0	0	3,026,178
Interceptor	0	0	0	0	0
Lift Station	60,730	0	0	0	60,730
Admin	0	0	0	0	0
Customer Accounts	0	0	0	0	0
Meters & Services	0	0	0	0	0
<b>Total</b>	<b>\$7,185,650</b>	<b>\$4,065,952</b>	<b>\$2,765,284</b>	<b>\$763,503</b>	<b>\$14,780,389</b>

**Table 41**  
**City of El Mirage**  
**Wastewater Cost-of-Service Analysis**  
**Allocation of Net Plant-in-Service to Customer Classes**  
**FY2011**

Customer Classes	Flow	BOD	TSS	Customer	Total
Residential	\$7,679,139	\$4,185,700	\$2,846,726	\$862,977	\$15,574,543
Commercial	402,764	219,536	149,308	30,088	801,696
<b>Total</b>	<b>\$8,081,903</b>	<b>\$4,405,236</b>	<b>\$2,996,034</b>	<b>\$893,066</b>	<b>\$16,376,239</b>



Table 43  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Allocation of Net Plant-in-Service to Customer Classes  
 FY2013

Customer Classes	Flow	BOD	TSS	Customer	Total
Residential	\$6,827,551	\$3,863,324	\$2,627,476	\$737,780	\$14,056,131
Commercial	358,099	202,628	137,809	25,723	724,258
<b>Total</b>	<b>\$7,185,650</b>	<b>\$4,065,952</b>	<b>\$2,765,284</b>	<b>\$763,503</b>	<b>\$14,780,389</b>

Table 44  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Percent Allocation of Capital Costs to Customer Classes (Based on Net Plant-in-Service to Customer Classes)  
 FY2011

Customer Classes	Flow	BOD	TSS	Customer	Total
Residential	46.89%	25.56%	17.38%	5.27%	95.10%
Commercial	2.46%	1.34%	0.91%	0.18%	4.90%
Total	49.35%	26.90%	18.30%	5.45%	100.00%

**Table 45**  
**City of El Mirage**  
**Wastewater Cost-of-Service Analysis**  
**Percent Allocation of Capital Costs to Customer Classes (Based on Net Plant-in-Service to Customer Classes)**  
**FY2012**

Customer Classes	Flow	BOD	TSS	Customer	Total
Residential	46.54%	25.85%	17.58%	5.13%	95.10%
Commercial	2.44%	1.36%	0.92%	0.18%	4.90%
<b>Total</b>	<b>48.98%</b>	<b>27.20%</b>	<b>18.50%</b>	<b>5.31%</b>	<b>100.00%</b>

**Table 45**  
**City of El Mirage**  
**Wastewater Cost-of-Service Analysis**  
**Percent Allocation of Capital Costs to Customer Classes (Based on Net Plant-in-Service to Customer Classes)**  
**FY2012**

Customer Classes	Flow	BOD	TSS	Customer	Total
Residential	46.54%	25.85%	17.58%	5.13%	95.10%
Commercial	2.44%	1.36%	0.92%	0.18%	4.90%
<b>Total</b>	<b>48.98%</b>	<b>27.20%</b>	<b>18.50%</b>	<b>5.31%</b>	<b>100.00%</b>

Table 47  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Allocation of Capital Costs to Customer Classes  
 FY2011

Customer Classes	Flow	BOD	TSS	Customer	Total
Residential	\$363,531	\$198,152	\$134,764	\$40,853	\$737,301
Commercial	19,067	10,393	7,068	1,424	37,952
<b>Total</b>	<b>\$382,598</b>	<b>\$208,544</b>	<b>\$141,833</b>	<b>\$42,278</b>	<b>\$775,253</b>

**Table 48**  
**City of El Mirage**  
**Wastewater Cost-of-Service Analysis**  
**Allocation of Capital Costs to Customer Classes**  
**FY2012**

Customer Classes	Flow	BOD	TSS	Customer	Total
Residential	\$526,053	\$292,175	\$198,710	\$58,038	\$1,074,976
Commercial	27,591	15,324	10,422	2,024	55,361
<b>Total</b>	<b>\$553,644</b>	<b>\$307,499</b>	<b>\$209,132</b>	<b>\$60,062</b>	<b>\$1,130,337</b>

**Table 49**  
**City of El Mirage**  
**Wastewater Cost-of-Service Analysis**  
**Allocation of Capital Costs to Customer Classes**  
**FY2013**

Customer Classes	Flow	BOD	TSS	Customer	Total
Residential	\$649,201	\$367,346	\$249,835	\$70,152	\$1,336,534
Commercial	34,050	19,267	13,104	2,446	68,866
<b>Total</b>	<b>\$683,251</b>	<b>\$386,613</b>	<b>\$262,938</b>	<b>\$72,598</b>	<b>\$1,405,400</b>

Table 50  
City of El Mirage  
Wastewater Cost-of-Service Analysis  
User Charge Revenue Requirements by Customer Service Characteristics

Description	Flow	BOD	TSS	Customer	Total
<b>FY2011</b>					
O&M	\$804,213	\$296,990	\$201,985	\$575,162	\$1,878,350
Capital	382,598	208,544	141,833	42,278	775,253
<b>Total</b>	<b>\$1,186,811</b>	<b>\$505,534</b>	<b>\$343,818</b>	<b>\$617,440</b>	<b>\$2,653,603</b>
<b>FY2012</b>					
O&M	\$800,939	\$295,190	\$200,761	\$491,735	\$1,788,626
Capital	553,644	307,499	209,132	60,062	1,130,337
<b>Total</b>	<b>\$1,354,583</b>	<b>\$602,689</b>	<b>\$409,894</b>	<b>\$551,797</b>	<b>\$2,918,963</b>
<b>FY2013</b>					
O&M	\$825,450	\$302,014	\$205,402	\$504,701	\$1,837,568
Capital	683,251	386,613	262,938	72,598	1,405,400
<b>Total</b>	<b>\$1,508,701</b>	<b>\$688,627</b>	<b>\$468,340</b>	<b>\$577,299</b>	<b>\$3,242,968</b>



Table 51  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Percentage Allocation of Revenue Requirements for Rate Design

Description	Flow	BOD	TSS	Customer
<b>O&amp;M</b>				
Base Rate	0.00%	0.00%	0.00%	100.00%
Demand Charge	0.00%	0.00%	0.00%	0.00%
Volume Charge	100.00%	100.00%	100.00%	0.00%
	-----	-----	-----	-----
Total	100.00%	100.00%	100.00%	100.00%
<b>Capital</b>				
Base Rate	0.00%	0.00%	0.00%	100.00%
Demand Charge	0.00%	0.00%	0.00%	0.00%
Volume Charge	100.00%	100.00%	100.00%	0.00%
	-----	-----	-----	-----
Total	100.00%	100.00%	100.00%	100.00%

Table 68  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Revenues Generated by COS Rates  
 FY2013

Customer Class	Monthly Service Charge	Volume Charge	Total Revenue	Revenue Requirement	Surplus/ (Deficiency)
Residential	\$557,850	\$2,532,824	\$3,090,674	\$3,090,674	\$0
Commercial	19,450	132,844	152,294	152,294	0
<b>Total</b>	<b>\$577,299</b>	<b>\$2,665,669</b>	<b>\$3,242,968</b>	<b>\$3,242,968</b>	<b>\$0</b>

Table 67  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Revenues Generated by COS Rates  
 FY2012

Customer Class	Monthly Service Charge	Volume Charge	Total Revenue	Revenue Requirement	Surplus/ (Deficiency)
Residential	\$533,206	\$2,249,198	\$2,782,404	\$2,782,404	\$0
Commercial	18,591	117,968	136,559	136,559	0
<b>Total</b>	<b>\$551,797</b>	<b>\$2,367,166</b>	<b>\$2,918,963</b>	<b>\$2,918,963</b>	<b>\$0</b>

Table 66  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Revenues Generated by COS Rates  
 FY2011

Customer Class	Monthly Service Charge	Volume Charge	Total Revenue	Revenue Requirement	Surplus/ (Deficiency)
Residential	\$596,638	\$1,934,690	\$2,531,328	\$2,531,328	\$0
Commercial	20,802	101,473	122,275	122,275	0
<b>Total</b>	<b>\$617,440</b>	<b>\$2,036,163</b>	<b>\$2,653,603</b>	<b>\$2,653,603</b>	<b>\$0</b>

Table 65  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Total Monthly Service Charges by Meter Size

Meter Size	Residential	Commercial
FY2011:		
5/8"	\$3.68	\$3.68
3/4"	5.52	5.52
1"	9.20	9.20
1-1/2"	18.40	18.40
2"	29.44	29.44
3"	58.89	58.89
4"	64.41	64.41
6"	184.02	184.02
8"	294.44	294.44
10"	423.26	423.26
FY2012:		
5/8"	\$3.29	\$3.29
3/4"	4.93	4.93
1"	8.22	8.22
1-1/2"	16.45	16.45
2"	26.31	26.31
3"	52.63	52.63
4"	57.56	57.56
6"	164.46	164.46
8"	263.14	263.14
10"	378.26	378.26
FY2013:		
5/8"	\$3.41	\$3.41
3/4"	5.11	5.11
1"	8.52	8.52
1-1/2"	17.04	17.04
2"	27.26	27.26
3"	54.51	54.51
4"	59.63	59.63
6"	170.36	170.36
8"	272.57	272.57
10"	391.82	391.82

Table 64  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Monthly Demand Charge by Meter Size

Meter Size	Residential	Commercial
<b>FY2011:</b>		
5/8"	\$0.00	\$0.00
3/4"	0.00	0.00
1"	0.00	0.00
1-1/2"	0.00	0.00
2"	0.00	0.00
3"	0.00	0.00
4"	0.00	0.00
6"	0.00	0.00
8"	0.00	0.00
10"	0.00	0.00
<b>FY2012:</b>		
5/8"	\$0.00	\$0.00
3/4"	0.00	0.00
1"	0.00	0.00
1-1/2"	0.00	0.00
2"	0.00	0.00
3"	0.00	0.00
4"	0.00	0.00
6"	0.00	0.00
8"	0.00	0.00
10"	0.00	0.00
<b>FY2013:</b>		
5/8"	\$0.00	\$0.00
3/4"	0.00	0.00
1"	0.00	0.00
1-1/2"	0.00	0.00
2"	0.00	0.00
3"	0.00	0.00
4"	0.00	0.00
6"	0.00	0.00
8"	0.00	0.00
10"	0.00	0.00

Table 63  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Monthly Base Rate by Meter Size

Meter Size	Residential	Commercial
<b>FY2011:</b>		
5/8"	\$3.68	\$3.68
3/4"	5.52	5.52
1"	9.20	9.20
1-1/2"	18.40	18.40
2"	29.44	29.44
3"	58.89	58.89
4"	64.41	64.41
6"	184.02	184.02
8"	294.44	294.44
10"	423.26	423.26
<b>FY2012:</b>		
5/8"	\$3.29	\$3.29
3/4"	4.93	4.93
1"	8.22	8.22
1-1/2"	16.45	16.45
2"	26.31	26.31
3"	52.63	52.63
4"	57.56	57.56
6"	164.46	164.46
8"	263.14	263.14
10"	378.26	378.26
<b>FY2013:</b>		
5/8"	\$3.41	\$3.41
3/4"	5.11	5.11
1"	8.52	8.52
1-1/2"	17.04	17.04
2"	27.26	27.26
3"	54.51	54.51
4"	59.63	59.63
6"	170.36	170.36
8"	272.57	272.57
10"	391.82	391.82

**Table 62**  
**City of El Mirage**  
**Wastewater Cost-of-Service Analysis**  
**Monthly Service Charges**

Customer Class	Demand Charge per Equiv Meter	Customer Charge per Acct
<b>FY2011:</b>		
Residential	\$0.00	\$3.68
Commercial	0.00	3.68
<b>FY2012:</b>		
Residential	\$0.00	\$3.29
Commercial	0.00	3.29
<b>FY2013:</b>		
Residential	\$0.00	\$3.41
Commercial	0.00	3.41



Table 61  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Proposed Wastewater Volume Charges  
 (\$/k-gal)

Customer Class	FY2011	FY2012	FY2013
Residential	\$2.55	\$2.97	\$3.31
Commercial	2.55	2.97	3.31
Average Rate	\$2.55	\$2.97	\$3.31

Table 60  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Calculation of Unit Costs by Customer Class  
 FY2013

Customer Class	Flow Per kgal	BOD Per Pound	TSS Per Pound	Customer Per Bill
Residential	\$1.87	\$0.51	\$0.31	\$5.30
Commercial	1.87	0.51	0.31	15.43

Table 59  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Calculation of Unit Costs by Customer Class  
 FY2012

Customer Class	Flow Per kgal	BOD Per Pound	TSS Per Pound	Customer Per Bill
Residential	\$1.70	\$0.45	\$0.27	\$5.11
Commercial	1.70	0.45	0.27	14.90

Table 58  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Calculation of Unit Costs by Customer Class  
 FY2011

Customer Class	Flow Per kgal	BOD Per Pound	TSS Per Pound	Customer Per Bill
Residential	\$1.49	\$0.38	\$0.23	\$5.72
Commercial	1.49	0.38	0.23	16.67

Table 57  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Summary of Cost of Service by Customer Class

Customer Class	Flow	BOD	TSS	Customer	Total
<b>FY2011:</b>					
Residential	\$1,127,666	\$480,341	\$326,683	\$596,638	\$2,531,328
Commercial	59,145	25,193	17,134	20,802	122,275
<b>Total</b>	<b>\$1,186,811</b>	<b>\$505,534</b>	<b>\$343,818</b>	<b>\$617,440</b>	<b>\$2,653,603</b>
<b>FY2012:</b>					
Residential	\$1,287,077	\$572,654	\$389,466	\$533,206	\$2,782,404
Commercial	67,506	30,035	20,427	18,591	136,559
<b>Total</b>	<b>\$1,354,583</b>	<b>\$602,689</b>	<b>\$409,894</b>	<b>\$551,797</b>	<b>\$2,918,963</b>
<b>FY2013:</b>					
Residential	\$1,433,515	\$654,309	\$445,001	\$557,850	\$3,090,674
Commercial	75,186	34,318	23,340	19,450	152,294
<b>Total</b>	<b>\$1,508,701</b>	<b>\$688,627</b>	<b>\$468,340</b>	<b>\$577,299</b>	<b>\$3,242,968</b>

Table 56  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Volume Charge Costs by Class

Customer Class	Flow	BOD	TSS	Customer	Total
<b>FY2011:</b>					
Residential	\$1,127,666	\$480,341	\$326,683	\$0	\$1,934,690
Commercial	59,145	25,193	17,134	0	101,473
<b>Total</b>	<b>\$1,186,811</b>	<b>\$505,534</b>	<b>\$343,818</b>	<b>\$0</b>	<b>\$2,036,163</b>
<b>FY2012:</b>					
Residential	\$1,287,077	\$572,654	\$389,466	\$0	\$2,249,198
Commercial	67,506	30,035	20,427	0	117,968
<b>Total</b>	<b>\$1,354,583</b>	<b>\$602,689</b>	<b>\$409,894</b>	<b>\$0</b>	<b>\$2,367,166</b>
<b>FY2013:</b>					
Residential	\$1,433,515	\$654,309	\$445,001	\$0	\$2,532,824
Commercial	75,186	34,318	23,340	0	132,844
<b>Total</b>	<b>\$1,508,701</b>	<b>\$688,627</b>	<b>\$468,340</b>	<b>\$0</b>	<b>\$2,665,669</b>

Table 56  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Demand Charge Costs by Class

Customer Class	Flow	BOD	TSS	Customer	Total
FY2011:					
Residential	\$0	\$0	\$0	\$0	\$0
Commercial	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0
FY2012:					
Residential	\$0	\$0	\$0	\$0	\$0
Commercial	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0
FY2013:					
Residential	\$0	\$0	\$0	\$0	\$0
Commercial	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0

Table 55  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Base Rate Costs by Class

Customer Class	Flow	BOD	TSS	Customer	Total
<b>FY2011:</b>					
Residential	\$0	\$0	\$0	\$596,638	\$596,638
Commercial	0	0	0	20,802	20,802
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$617,440</b>	<b>\$617,440</b>
<b>FY2012:</b>					
Residential	\$0	\$0	\$0	\$533,206	\$533,206
Commercial	0	0	0	18,591	18,591
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$551,797</b>	<b>\$551,797</b>
<b>FY2013:</b>					
Residential	\$0	\$0	\$0	\$557,850	\$557,850
Commercial	0	0	0	19,450	19,450
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$577,299</b>	<b>\$577,299</b>



Table 54  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Allocation of Revenue Requirements for Rate Design  
 FY2013

Description	Flow	BOD	TSS	Customer	Total
<b>O&amp;M</b>					
Base Rate	\$0	\$0	\$0	\$504,701	\$504,701
Demand Charge	0	0	0	0	0
Volume Charge	825,450	302,014	205,402	0	1,332,867
Subtotal	\$825,450	\$302,014	\$205,402	\$504,701	\$1,837,568
<b>Capital</b>					
Base Rate	\$0	\$0	\$0	\$72,598	\$72,598
Demand Charge	0	0	0	0	0
Volume Charge	683,251	386,613	262,938	0	1,332,802
Subtotal	\$683,251	\$386,613	\$262,938	\$72,598	\$1,405,400
<b>Total</b>					
Base Rate	\$0	\$0	\$0	\$577,299	\$577,299
Demand Charge	0	0	0	0	0
Volume Charge	1,508,701	688,627	468,340	0	2,665,669
Grand Total	\$1,508,701	\$688,627	\$468,340	\$577,299	\$3,242,968

Table 53  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Allocation of Revenue Requirements for Rate Design  
 FY2012

Description	Flow	BOD	TSS	Customer	Total
<b>O&amp;M</b>					
Base Rate	\$0	\$0	\$0	\$491,735	\$491,735
Demand Charge	0	0	0	0	0
Volume Charge	800,939	295,190	200,761	0	1,296,891
Subtotal	\$800,939	\$295,190	\$200,761	\$491,735	\$1,788,626
<b>Capital</b>					
Base Rate	\$0	\$0	\$0	\$60,062	\$60,062
Demand Charge	0	0	0	0	0
Volume Charge	553,644	307,499	209,132	0	1,070,276
Subtotal	\$553,644	\$307,499	\$209,132	\$60,062	\$1,130,337
<b>Total</b>					
Base Rate	\$0	\$0	\$0	\$551,797	\$551,797
Demand Charge	0	0	0	0	0
Volume Charge	1,354,583	602,689	409,894	0	2,367,166
Grand Total	\$1,354,583	\$602,689	\$409,894	\$551,797	\$2,918,963

Table 52  
 City of El Mirage  
 Wastewater Cost-of-Service Analysis  
 Allocation of Revenue Requirements for Rate Design  
 FY2011

Description	Flow	BOD	TSS	Customer	Total
<b>O&amp;M</b>					
Base Rate	\$0	\$0	\$0	\$575,162	\$575,162
Demand Charge	0	0	0	0	0
Volume Charge	804,213	296,990	201,985	0	1,303,188
Subtotal	\$804,213	\$296,990	\$201,985	\$575,162	\$1,878,350
<b>Capital</b>					
Base Rate	\$0	\$0	\$0	\$42,278	\$42,278
Demand Charge	0	0	0	0	0
Volume Charge	382,598	208,544	141,833	0	732,975
Subtotal	\$382,598	\$208,544	\$141,833	\$42,278	\$775,253
<b>Total</b>					
Base Rate	\$0	\$0	\$0	\$617,440	\$617,440
Demand Charge	0	0	0	0	0
Volume Charge	1,186,811	505,534	343,818	0	2,036,163
Grand Total	\$1,186,811	\$505,534	\$343,818	\$617,440	\$2,653,603