





City of Austin  
Water and Wastewater Utility  
Certified Operators  
updated July 11, 2001



LAST NAME	FIRST NAME	CERTIFICATION	LICENSE #
AGUILAR	JOE	WWII	453825484
AGUILAR	JOE	WCD	453825484
AMSBURY	ALLEN	WCS	521606708
ARMONTROUT	RICK	WBS	454024451
ARNOLD	JOE	WWB	449179290
BANKS	JACK	WWC	460024805
BARBER	DAVID	WWC	457271176
BERTELSON	BRYAN	WWC	458259007
BERTELSON	BRYAN	WBS	458259007
BERTELSON	BRYAN	WCG	458259007
BONNER	JIMMY	WWC	410887331
BOULDEN	WAYNE	BPAT	214962311
BUITRON	ANTONIO	WBS	453825952
BURAZER	RUTH	WA	452084445
BURAZER	JANE	WA	452084445
BURNS	BILLY	WWB	218489477
BUSTOS	JOSE	WWB	454783244
BUTLER	CHARLES	WWB	472560405
CALVO	ALFRED	WWC	463705248
CARRICO	STEVEN	WBS	437942897
CARTER	RONALD	CSE	460085440
CARTER	RONALD	WCG	460085440
CASARES	PETE	WWB	461234997
CASARES	PETE	WCG	461234997
CASTRO	JESSE	WWB	458028078
CHAMBERS	JAMES	WWB	452966715
CHAMBERS	JAMES	WCG	452966715
CHAMBERS	JAMES	WBS	452966715
CHAMBLES	ALICIA	WWB	456513659
COMBS	JOHN	WWI	463924823
COOK	WILLIAM	WBS	467906118
COWARD	GABRIEL	WWB	460732181
CRENSHAW	ROBERT	WWB	546081844
CROCKETT	JON	WWB	257883879
CROOKS	WILLIAM	WWII	460088506
CROOKS	WILLIAM	BPAT	460088506
CROOKS	WILLIAM	WCD	460088506
DABNEY	ROBERT	WWB	463433161
DANIELS	KARYN	WWB	449705282
DANIELS	KARYN	WCS	449705282
DAVILA	TOMMY	WCS	450925365
DAVIS	SYLVIA	WWC	464299855
DONALDSON	JAMES	WWB	467355286

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DONALDSON	JAMES	WCS	467355286
DOUGLASS	DAVID	WWC	456139558
ELLER	DOUGLAS	BPAT	466272912
ESTRADA	JESUS	WCS	457908927
EVERTON	RICHARD	BPAT	456194074
FLINCHBAUGH	LAMONT	WBS	187300838
FLORES	MARIO	WWB	467133056
FOSTER	GREGORY	WWC	451456714
FRAZIER	CATHY	WSB	457960799
FRAZIER	BYRON	WWB	460744066
FREDERICK	JIMMY	WCS	457966276
GARZA	JESSE	WWC	450990213
GEER	KEITH	WWC	463068317
GEER	KEITH	BPAT	463068317
GEORGE	PAUL	WWB	484868664
GIAMBRONE	MARK	WWB	116507117
GLASS	ANTHONY	WWII	466743349
GLASS	ANTHONY	WBD	466743349
GRAY	TERRY	WWA	565949320
GRAY	TERRY	WBG	565949320
GREGG	JEFF	BPAT	449356077
GREGORY	KURT	WCS	456909790
GUERRERO	OSCAR	WWB	450235670
HARRIS	FREDDIE	BPAT	466177003
HARRIS	FREDDIE	WCS	466177003
HASKELL	FRANK	WA	443467954
HAYWOOD	RONNIE	WWA	460087544
HAYWOOD	MARILYN	WWA	387762338
HEBRANK	ANTHONY	WWB	572277171
HERNANDEZ	ARTHUR	WWB	466456165
HERNANDEZ	ARTHUR	WBS	466456165
HERRERA	GILBERTO	WWI	453844720
HESTER	MICHAEL	WBS	454199521
HETZEL	STEVEN	WBS	467135708
HILTON	JANET	WCS	457230853
HOLT	BURNS	WWB	463962116
HOLT	BURNS	BPAT	463962116
HOUSTON	JOE	WWB	459780998
HUNTER	DONALD	WBS	458315511
JAHNER	MARK	WWC	215022976
KAMENZIND	ROBERT	BPAT	452781022
KELLY	JOSEPH	WWA	460740869
LOCKARD	KENNETH	WWA	464907320
LOCKARD	KENNETH	CSE	464907320
LOCKARD	KENNETH	WD	464907320
LYTLE	DANIEL	BPAT	458769053
MALDONADO	FRANCISCO	WBS	456271999
MAPES	BRIAN	WWC	451274706

LAST NAME	FIRST NAME	CERTIFICATION	LICENSE #
MAPES	BRIAN	BPAT	451274706
MARTINEZ	JOHN	BPAT	449314439
MARX	KENNETH	BPAT	452112694
MCCLELLAN	SCOTT	WCS	458578877
MCDONALD	ALVIN	BPAT	453827867
MCGILLICUDDY	DENNIS	BPAT	551903581
MCGILLICUDDY	DENNIS	WBS	551903581
MCPHERSON	MILTON	WWB	421803006
MENDEZ	JOSE	WWI	462967544
MILLER	JAMES	WWA	456025193
MOON	CARL	WWA	457560396
MOON	CARL	BPAT	457560396
MOON	CARL	WBS	457560396
MOORE	JESSE	WWB	462845572
MOREAU	RONALD	WBS	465667904
MUNOZ	HECTOR	WBS	456948022
NANYES	DAVID	WWI	465318988
NUNN	DAVID	WWB	464117278
OJEDA	EDWARD	WWI	463922837
OZMENT	KEVIN	WWB	571257792
PARSONS	ROBERT	WWB	518683414
PENTON	MARK	WWD	438926646
PENTON	MARK	WCS	438926646
PEPPERELL	JENNIFER	WCS	462371897
PEREZ	OSCAR	WBS	462495409
PIERCE	CHESTER	WA	432965996
PINA	ROBERT	WBS	463924095
PINCHBACK	ANDRE	WCS	461292641
PRUNEDA	JAIME	BPAT	570272357
RAMIREZ	DAVID	WBS	467720966
REILLY	PAUL	WWB	394569040
REILLY	PAUL	WBS	394569040
RIOJAS	BOBBY	WWI	449297787
RIVAS	ERNEST	WWB	464983421
ROBERTS	TONY	WWB	464356048
ROGERS	MICHAEL	WBS	457313186
SATTERWHITE	CARY	WWC	466089116
SATTERWHITE	CARY	WCS	466089116
SCAFF	BRADLEY	WWB	462801645
SCHULZE	JEAN	WA	463706007
SELLSTROM	WILLIAM	WWA	457701748
SELLSTROM	WILLIAM	WBS	457701748
SHAW	ADRIAN	WCS	457932469
SMITH	DENNIS	WBS	456942193
SOTO	JOHN	WCS	449295762
SPENCER	BRIAN	WBS	448821253
STALBAUM	STEPHEN	WWC	453983025
STOKES	HARRISON	WBS	339449424

LAST NAME	FIRST NAME	CERTIFICATION	LICENSE #
STRYK	ERNEST	WBS	460941668
SWENSON	RANDALL	WWB	462297470
TAMEZ	FELIPE	WWA	453829512
TERRY	LARRY	WBS	463026676
VINCENT	DEWAYNE	WCS	460235863
WALENTA	TOMMY	WWC	457960112
WALKER	PAUL	WWA	460887972
WASSON	KEITH	WWB	456439893
WELCH	MICHAEL	WWA	430065175
WELCH	MICHAEL	WBS	430065175
WEST	KENNETH	WBS	451665122
WEST	ORREN	WWA	464578709
WEST	ORREN	WCS	464578709
WHISENHUNT	CONNIE	WWB	464116189
WRIGHT	DANIEL	WWA	456022008
WRIGHT	CHARLES	WWC	120563597
ZAPATA	ALFONSO	WWB	457310792
ZIMMERMAN	EUGENE	WWB	464374479
ZULKA	PAUL	BPAT	195487909





**TO:** Chris Lippe, P.E., Director  
Water and Wastewater Utility

**FROM:** Craig Bell, Division Manager *CB*  
Water Resource Planning and Analysis Division

**DATE:** July 31, 2001

**SUBJECT:** SUMMARY ANALYSIS OF NEED FOR  
WASTEWATER SERVICE IN THE AREA  
PROPOSED IN THE CITY'S CCN APPLICATION

In response to your request, this memorandum is a summary analysis of the need for wastewater service in the proposed area of the City of Austin's (City) wastewater CCN application.

The area that the City is requesting to be included in a wastewater CCN (the Proposed Area) is an area of approximately 133,728 acres located contiguous to the City corporate limits and totally within the City's extraterritorial jurisdiction (ETJ). The City already provides retail service to approximately 4,164 wastewater customers in the Proposed Area. Growth projections and other factors indicate that this area will experience significant urban and suburban growth during the next few decades.

**I. GROWTH PROJECTIONS SHOW THAT THE AUSTIN AREA AND THE PROPOSED AREA WILL CONTINUE TO EXPERIENCE STRONG GROWTH**

Recent growth projections conclude that strong growth will occur in the Austin area and the Proposed Area. These reports include studies conducted by the City as well a report developed by another source:

1. "Draft Scenario Summary –Draft Smart Growth Population Forecasts, " by the Planning, Environmental and Conservation Services Department, City of Austin (Austin Report, Appendix 1);
2. "Technical Memorandum – CAMPO Long-Range Transportation Plan Update, Task One: Demographic Forecasts;" by Hicks and Company for the Capital Area Metropolitan Planning Organization (CAMPO Report, Appendix 2); and

3. Impact Fee Reports: Impact Fee Land Use Assumptions, Impact Fee Capital Improvements Plan, City of Austin (Impact Fee Reports, Appendix 3).

While these reports, in some cases, use different planning regions, projection intervals, and planning horizons, all show similar planning area growth rates for both population and employment.

The Austin Report:

The Austin Report uses a 40-year planning horizon and focuses on growth trends in the City's ETJ. Specifically, the Austin Report predicts an increase in the population of its study area (Travis County, southwest Williamson County, and northeast Hays County) from 816,884 in base year 1996 to 2,452,309 in 2040 (see Appendix 1, Table 1). This represents an increase of more than 1.65 million residents, and an average annual growth rate of about 2.5%. The growth assigned specifically to the City and its ETJ exhibits a similar trend, from 660,726 in 1996 to 1,541,115 in 2040 (see Appendix 1, Table 2). The 44-year increase totals 880,386 new residents, and an average annual growth rate of 1.94%. This means that in the next four decades, more than three quarters of a million new residents may be expected to reside in the City and its ETJ. This projected population growth will be especially significant in the Proposed Area. The allocation of projected population growth to small planning areas (see Appendix 1, Figure 18 B) indicates that the current population in the Proposed Area should increase by multipliers ranging from 4.5 to well over 6. Employment projections for the Proposed Area are even more striking, with increases in some parts projected to be more than ten-fold. This means that not only are more residential neighborhoods expected to be developed in the Proposed Area, but also they should be accompanied by significant amounts of commercial, office and manufacturing development.

The CAMPO Report:

The CAMPO study (see Appendix 2) uses a 25-year planning horizon and projects population and employment growth in a study area that encompasses Travis, Hays and Williamson counties. Although the small area allocations show limited differences, the CAMPO projections of population and employment growth for Travis County coincide with the Austin Report findings.

Impact Fee Reports:

The Impact Fee Reports (See Appendix 3) provide 10-year growth projections, which anticipate annual population growth rates of greater than seven percent for three of the four eastern ETJ planning sectors.



### Conclusion:

The City's CCN application to provide wastewater utility service in the Proposed Area is consistent with and supported by recent development and growth projections showing that the area will grow at a strong rate and therefore has a strong need for the proposed service.

## II. THE CITY'S EXPANSION AND INCENTIVES WILL ENCOURAGE GROWTH IN THE PROPOSED AREA

### A. Austin's Corporate Limits and Its Area of Service Are Expanding

The City has a history of expansion of its corporate limits in order to provide a consistent level of service to its residents. In fact, during the last 40 years, the land area size of the City has increased more than four and a half times, from 50.6 square miles in 1961 to 232.0 square miles today. This represents an expansion of about 181.4 square miles. The City will continue to expand its corporate limits as population and employment continue to grow in the Proposed Area.

Currently, the City provides wastewater services to virtually all land within its corporate limits. The City has entered into 12 wholesale wastewater contracts with other utilities outside the City's corporate limits (see Appendix 4, Wholesale Wastewater Contract Map). In addition, the City provides retail wastewater services to approximately 9,932 customers outside its corporate limits (see Appendix 5, Wastewater Service Extension Request Map).

The City continuously receives written requests for its service. The Wastewater Service Extension Request Map (see Appendix 5) shows the areas associated with wastewater service extension requests (SERs) submitted since 1990. While some requests have occurred inside the City limits, most, especially large tracts, occur on the fringes of the City. A total of 81 wastewater SERs have been filed since 1990 for tracts in the wastewater Proposed Area. The level of wastewater service represented by these service requests total to approximately 25,290 gpm peak hour demand. The vast majority of these SERs come from developers. Additionally, the City's review subdivision plat requests within its ETJ indicates a significant interest in urban and suburban development in the Proposed Area.

An historical perspective of the Utility's facility planning is presented by the City's "Wastewater Collection System Long-Range Planning Guide" (see Appendix 6). This master plan proposes more than 647 million dollars in major facility improvements for a fifty-year period. Although this plan pre-dates the City's initiatives and the surge of development plans in the eastern portions of the City's ETJ, it provides a significant amount of information regarding the nature and costs of facilities that may be necessary to extend utility systems into the Proposed Area.

## B. City Development Incentives Will Direct Growth Toward the Proposed Area

The Proposed Area is completely within the Desired Development Zone (see Appendix 5), which is an area where growth is to be encouraged through a number of policies that favor this area for new development over other areas in the ETJ. This preferred growth area, which was established in part to protect the environmentally sensitive areas critical to the City's drinking water supply, generally extends east of the Edwards Aquifer recharge zone.

As the growth forecasts indicate, significant new residential and associated commercial, industrial and institutional development will occur in the Proposed Area in the future. The City's policies will have a positive impact on environmental integrity by directing this growth to the Desired Development Zone that encompasses the Proposed Area.

These policies include incentives for development that provide for City participation in the costs of building infrastructure. One of the incentives is the reimbursement of capital wastewater facilities that extend the City's system to new development. The City has already committed approximately \$54 million in reimbursements to developers for the construction of major water and wastewater facilities to serve their tracts. These commitments include approximately \$4.28 million for wastewater facilities in the Proposed Area. Similarly, the Austin City Council will consider a request for approximately \$25.5 million that is associated with extending water and wastewater facilities to the Wild Horse Ranch, which is also in the Proposed Area. These reimbursements are in addition to the City's Capital Improvements Program, which also initiates major extensions of the City's water and wastewater systems.

In addition, a recent modification to the City's service extension policy has shortened the reimbursement period in the Desired Development Zone, and thus in the Proposed Area, from three annual payments to a single payment. At the same time, the payment schedule for other areas of the ETJ has been lengthened to four annual payments, and no reimbursements are allowed at all for extensions of the centralized wastewater system in these other areas. Moreover, the combined capital recovery fee per service unit is approximately 30% lower in the Desired Development Zone than in the remainder of the ETJ.

## C. Urban and Suburban Levels of Development Will Occur In the Proposed Area

Urban and suburban levels of development will occur in the Proposed Area and will continue to be the prevalent character of development in that area. The Utility's review of service extensions, subdivisions and site plans indicate that many of the proposed developments in the desired development zone, and consequently also the Proposed Area, are projects of a suburban and urban nature, i.e., single family residential areas with gross densities of more than two units per acre, extensive multi-family tracts, and large amounts of commercial and other non-residential uses. In addition, the City's developer

cost incentives, such as those discussed above, tend to encourage this relatively intense development in the Proposed Area. Another important factor for growth in the southeast is the City's new Austin-Bergstrom International Airport, which is already attracting supporting development, including hotels, commercial establishments, warehousing, and the proposed Interport mix-use Planned Unit Development. Finally, public roadway investment, including the construction of State Highways 130 and 45, and the extension of Parmer Lane and a number of other arterials, will serve as an additional attraction for dense development. The Austin Metropolitan Area Transportation Plan shows a strong network of roadway arterials in the Desired Development Zone (see Appendix 7).

Development that rises to the level of urban and suburban density requires a reliable centralized wastewater utility facilities and service. This is the nature of the wastewater service that the City traditionally provides.

Conclusion:

The City's long-range facility planning anticipates the need for the construction of extensive major facilities in the Proposed Area. The City has already demonstrated its commitment to financial support and planning and to the development of wastewater utility infrastructure necessary to provide the needed service to support the projected strong growth in the Proposed Area; the City has undertaken these efforts with incentives that will have a positive effect on the quality of service as well as the environmental integrity of the area.