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EDWARDS  
UNDERGROUND  
WATER  
DISTRICT



ANNUAL REPORT 1990

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PRINTED ON RECYCLED PAPER

1 DEAR CITIZENS OF THE EDWARDS AQUIFER REGION:

IT IS MY PLEASURE TO SUBMIT TO YOU THE EDWARDS UNDERGROUND WATER DISTRICT ANNUAL FINANCIAL REPORT FOR FISCAL YEAR ENDED SEPTEMBER 30, 1990. THE DISTRICT ASSUMES ALL RESPONSIBILITY FOR THE ACCURACY AND THE PRESENTATION OF THE DATA CONTAINED IN THIS REPORT. ALL NECESSARY DISCLOSURES WHICH ENABLE THE READER TO UNDERSTAND THE DISTRICT'S FINANCIAL ACTIVITIES AND STATUS HAVE BEEN INCLUDED. ■ THE DISTRICT IS GOVERNED BY A TWELVE-MEMBER BOARD OF DIRECTORS WHICH IS ELECTED TO REPRESENT THE THREE DISTRICT COUNTIES OF BEXAR, COMAL AND HAYS. SIX MEMBERS REPRESENT BEXAR COUNTY, WITH FOUR MEMBERS ELECTED FROM EACH OF THE FOUR COUNTY PRECINCTS, AND TWO MEMBERS ELECTED COUNTYWIDE. OF THE REMAINING SIX POSITIONS, THREE REPRESENTATIVES ARE ELECTED TO REPRESENT COMAL COUNTY AND THREE MEMBERS ARE ELECTED TO REPRESENT HAYS COUNTY. ■ MEMBERS OF THE BOARD SERVE STAGGERED SIX-YEAR TERMS WITH ELECTIONS HELD EVERY TWO YEARS. THE OFFICIAL POLICIES OF THE DISTRICT ARE ESTABLISHED BY THE BOARD OF DIRECTORS, AND ARE IMPLEMENTED AND ADMINISTERED BY THE ORGANIZATION UNDER THE MANAGEMENT AND LEADERSHIP OF THE GENERAL MANAGER. ■ THE DISTRICT'S JURISDICTION ENCOMPASSES APPROXIMATELY 1,595 SQUARE MILES THROUGHOUT THE THREE COUNTY AREA. THE DISTRICT WAS ESTABLISHED IN 1959 PURSUANT TO ARTICLE 8280-219, VERNON'S CIVIL STATUTES OF TEXAS, AS A CONSERVATION AND RECLAMATION DISTRICT FOR THE PURPOSES OF CONSERVING, PRESERVING, PROTECTING, AND RECHARGING THE WATERS OF THE UNDERGROUND LIMESTONE FORMATION KNOWN AS THE EDWARDS AQUIFER. ■ BECAUSE OF THE SIGNIFICANCE OF THIS CHARGE TO THE DISTRICT'S OPERATIONS AND PROGRAMS, IT IS APPROPRIATE FOR THIS REPORT TO FOCUS ON THE PROGRAMMATIC EFFORTS THAT COMPRISE THE EDWARDS UNDERGROUND WATER DISTRICT AS THEY RELATE DIRECTLY AND SPECIFICALLY TO THIS CHARGE, AS WELL AS REVIEWING THE DISTRICT'S FINANCIAL ACTIVITIES FOR FISCAL YEAR ENDED 1990. ■ AS THIS REGION OF TEXAS GROWS AND WATER RESOURCE ISSUES BECOME MORE AND MORE CRITICAL, THE EDWARDS UNDERGROUND WATER DISTRICT WILL CONTINUE TO FOCUS ON ITS STATUTORY RESPONSIBILITIES. INHERENT IN THESE RESPONSIBILITIES IS THE OPPORTUNITY TO RESEARCH AND STUDY CONSERVATION, REUSE OF WATER, ADDITIONAL RECHARGE, AND NEW WATER SOURCES AS WAYS TO PRESERVE AND PROTECT THE EDWARDS AQUIFER.

CORDIALLY,




RUSSELL L. MASTERS  
GENERAL MANAGER

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**C**LEAN, FRESH WATER. THE BASIC ELEMENT OF SURVIVAL. CONSERVING THE EDWARDS AQUIFER CONTINUES TO BE ONE OF THE DISTRICT'S MAJOR INITIATIVES. TODAY, WELL OVER A MILLION PEOPLE LIVE IN THE AQUIFER REGION. INCREDIBLY, THE EDWARDS AQUIFER IS STILL OUR ONLY SOURCE OF WATER. ALTHOUGH ESTIMATES RANGE FROM 15 - 55 MILLION ACRE FEET, THE ACTUAL AMOUNT OF WATER STORED IN THE AQUIFER IS STILL UNDER INVESTIGATION. WATER CONSERVATION IS NOT SIMPLY AN EMERGENCY MEASURE, BUT A NECESSARY WAY OF LIFE IN SOUTH TEXAS.

To emphasize water use efficiency as a necessary component for protecting our water supply, in fiscal year 1989-1990 the District carried out a number of programs.

- To address the increasing demands on the aquifer and the potential of another drought, the Edwards Underground Water District Board of Directors in December of 1989, approved the

> **I**T IS ESTIMATED THAT ON A NATIONAL LEVEL, UP TO 40% OF THE WATER PUMPED NEVER REACHES ITS INTENDED DESTINATION. IN THE EDWARDS AQUIFER REGION, THE DISTRICT HAS TAKEN STEPS TO REDUCE THIS NUMBER.

> **U**NDERSTANDING THE EDWARDS AQUIFER IS THE FIRST STEP TOWARD PROTECTING IT. AS PART OF ITS ON-GOING EDUCATION AND AWARENESS COMMITMENT, THE DISTRICT CONDUCTS PROGRAMS THROUGHOUT THE YEAR TO ENCOURAGE A WATER CONSERVATION ETHIC.

state's first region wide Drought Management Plan (DMP). The DMP is a long-term plan which provides both objective standards for determining that a drought exists, and a framework for managing the groundwater throughout the duration of a drought. While District planning staff will periodically review and revise the DMP, the plan will remain an integral part of the District's drought management response and process.

- In July of 1990, as water levels dipped to near record lows and flow from Comal Springs almost ceased, the Board of Directors implemented a temporary Emergency Action Plan which had as its main objective the reduction of overall consumption and pumpage from the aquifer during this crisis period.

- Eliminating waste in water distribution systems is another way the District continues efforts to conserve the water in the Edwards Aquifer. It is estimated that on a national level, up to 40% of the water pumped never reaches its intended destination. In the Edwards Aquifer region, the District has taken steps to reduce this number. As of September 30, 1990, the District had completed the third in a series of comprehensive leak detection surveys of public distribution systems and was continuing efforts to complete the fourth survey. Because of its potential for identifying these hidden water wasters, the leak detection program will make a long lasting contribution to conserving the water in the Edwards Aquifer.

- Another initiative of the Edwards Underground Water District, which began

in fiscal year 1989-1990, was the development of a region wide education effort which promoted the benefits of ultra low flow plumbing fixtures. Design improvements in toilet, showerhead, and faucet fixtures allow these appliances to consume less than half of the water used by their older counterparts. District staff will develop a plan for working with local governments to encourage the passage of ordinances and plumbing code revisions requiring installation of these fixtures.

- Understanding the Edwards Aquifer is the first step toward protecting it. As part of its ongoing education and awareness commitment, the District conducts programs throughout the year to encourage a water conservation ethic. In the summer and fall of 1990, District staff, through the "Learn to be Water Tight" campaign, distributed 43,000 water saving kits and other conservation information materials. Each kit, when installed, has the potential of saving up to 20,000 gallons of water per year.

T O P R E S E R V E A N D P R O T E C T . . . .

**P**reserving and protecting the quality of water in the Edwards Aquifer is a primary goal of the Edwards Underground Water District and the focus of a number of its programs.

... **I**N FISCAL YEAR 1989-1990, CULMINATING TWO YEARS OF PLANNING, THE DISTRICT PURCHASED A STATE-OF-THE-ART GEOGRAPHIC INFORMATION SYSTEM (GIS) AND BEGAN DEVELOPING THE ACTUAL SYSTEM SOFTWARE APPLICATIONS. ONCE THE SYSTEM IS FULLY IMPLEMENTED, IT WILL ENABLE THE DISTRICT TO BECOME THE AUTHORITATIVE SOURCE OF INFORMATION ABOUT THE AQUIFER, MAKING IT POSSIBLE TO PROVIDE CONCISE AND OBJECTIVE ANALYSIS IN RESPONSE TO VARIOUS WATER MANAGEMENT ISSUES.

- The Edwards Aquifer Recharge and Transition Zones are critical to protection of the Edwards Aquifer. As these areas are the natural pathways for recharge to enter the aquifer, they also provide avenues for contaminants. The Edwards Rules, as enforced by the Texas Water Commission, provide the means for protecting the aquifer from the impact of development activities on the Recharge and Transition Zones. Since 1971, the District has diligently provided input regarding changes to these rules, resulting in stricter regulations and increased protection of the aquifer.
- Abandoned wells, as direct paths to our water supply, also represent a serious hidden danger to the aquifer. In 1989-1990, the District conducted an aggressive abandoned well closing program, coordinating the voluntary plugging of approximately 50 wells. Each time an abandoned well is plugged, another point at which the aquifer could be contaminated is removed.
- The District also conducts ongoing research projects aimed at answering questions about potential water quality threats. A joint study undertaken with the UTSA Center for Groundwater Research and Technology in fiscal year 1989-1990, will address the effects of blasting on engineered structures and the potential for groundwater contamination within the Recharge and Transition Zones.
- In fiscal year 1989-1990, the District initiated Phase Two of a study to assess a phenomenon commonly referred to as the "bad-water" line. Phase One of the study was conducted in New Braunfels while the focus of Phase Two was in San

5 Marcos. While other physical boundaries of the aquifer are more tangible in nature, the exact confines of the "bad-water" line have yet to be determined. Once completed, data from this study will provide a better understanding of the Edwards Aquifer near the freshwater/saline water interface and provide information necessary to effectively evaluate the potential for saline water movement.

- Also in fiscal year 1989-1990, culminating two years of planning, the District purchased a state-of-the-art geographic information system (GIS) and began developing the actual system software applications. Once the system is fully implemented, it will enable the District to become the authoritative source of information about the aquifer, making it possible to provide concise and objective analysis in response to various water management issues.

## T O R E C H A R G E . . .

**R**eplenishing the Edwards Aquifer through recharge is one of the District's major initiatives, and programs are conducted throughout the year to identify opportunities for enhancing the available water supply.

> ... **T**HE REGION'S WATER  
SUPPLY COULD BE  
ENHANCED BY AN AVERAGE  
OF 35,000 - 40,000 ACRE  
FEET WITH WATER FROM  
MEDINA LAKE.

- In fiscal year 1989-1990, the District undertook Phase One of a study to determine the potential for increasing artificial recharge in the Nueces River Basin. Phase Two of the study will determine the cost of these recharge structures and identify possible construction sites.
- Throughout fiscal year 1989-1990, the District continued negotiations with the Bexar Medina Atascosa Water Control and Improvement District toward the purchase of irrigation service rights from Medina Lake for the purpose of recharging the Edwards Aquifer. Negotiations between the two entities began after the District completed a year of technical studies and research which determined that the region's water supply could be enhanced by an average of 35,000 - 40,000 acre feet with water from Medina Lake.
- In addition, in fiscal year 1989-1990 the District continued efforts to operate and maintain four artificial recharge dams which contribute a combined annual average of approximately 4,000 acre feet of water.

**T**hree major efforts which District staff began in fiscal year 1989-1990 which will have significant impact upon the Edwards Aquifer and the Edwards Underground Water District are highlighted in the following discussion.

> **A**S THE SCOPE AND DEGREE OF THE DISTRICT'S PROGRAMS HAVE INCREASED, SO HAS THE NEED FOR PERSONNEL, AND CONSEQUENTLY OFFICE SPACE.

> **D**ISTRICT STAFF BEGAN THE DESIGN OF A LAND PRESERVATION PROGRAM AIMED AT PROTECTING SENSITIVE GEOLOGIC FEATURES AND GEOGRAPHIC AREAS WITHIN THE EDWARDS AQUIFER RECHARGE ZONE FOR THE ENHANCEMENT OF RECHARGE TO, AND THE PRESERVATION OF, WATER QUALITY IN THE AQUIFER.

- A major effort of the Board of Directors was the development of the District's 1991 Legislative Agenda. Preliminary work among the Board members began in August 1990. These efforts culminated with the development of a package which focused on regional management of the Edwards Aquifer, powers and duties of the Edwards Underground Water District, and measures to enhance conservation, preservation, and recharge of the aquifer. The exact contents of the legislation will be determined as progress is made through the legislative process.

- The District also continued plans to expand and renovate its existing office facility located at 1615 N. St. Marys, San Antonio, Texas. As the scope and degree of the District's programs have increased, so has the need for personnel, and consequently office space. The project is designed to add approximately 8,000 square feet of office, meeting and storage space to the current six-year old building, and to renovate the existing 4,200 square foot office facility. Actual construction of the project will be conducted in two phases. Phase One will consist of construction of the 8,000 square foot addition to the building, while Phase Two will consist of the renovation portion of the project. As of September 30, 1990, District staff anticipated completion of construction

by September 30, 1991.

- Plans for the building expansion project began to take shape in January 1990 when the District contracted with San Antonio-based Jones and Kell Architects, Inc. for design of the project. With the space planning and design phases completed, the District subsequently entered into a contract with Stoddard Construction Company for general construction contractor services.

- Finally, in fiscal year 1989-1990 District staff began the design of a land preservation program aimed at protecting sensitive geologic features and geographic areas within the Edwards Aquifer Recharge Zone for the enhancement of recharge to, and the preservation of, water quality in the aquifer. Similar to a land trust, the intent of the preservation program is to acquire hydrologically sensitive land areas. This effort will be further developed and implemented in fiscal year 1990-1991.





**BOARD OF DIRECTORS**

*Three rows - left to right*

*First Row:*

**Dr. Kenneth G. Ikels**  
*Chair*  
*Comal County*

**Jerri W. Martin**  
*Secretary*  
*Hays County*

**Lynda Billa Burke**  
*Vice-Chair*  
*Bexar County*

*Second Row:*  
**Russell L. Masters**  
*General Manager*

**Robert C. Hasslocher**  
*Bexar County*

**Jesse Zúñiga, Jr.**  
*Bexar County*

**Jack R. Ohlrich**  
*Comal County*

**Bill Finck**  
*Treasurer*  
*Bexar County*

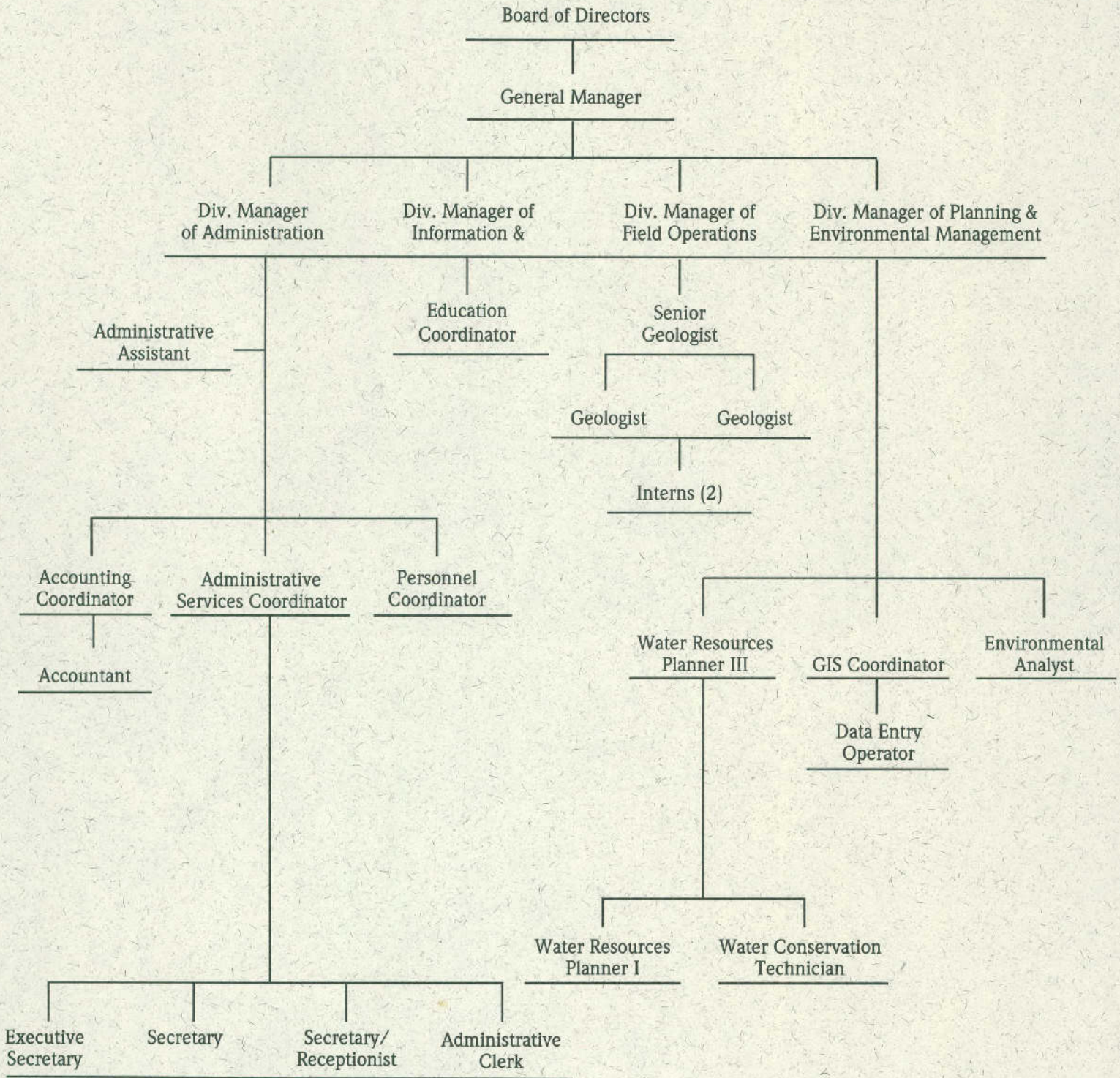
*Third Row:*  
**Charles F. Rodriguez**  
*Bexar County*

**Frances E. Emery**  
*Hays County*

**JoAnn S. De Hoyos**  
*Bexar County*

**S. Craig Hollmig**  
*Comal County*

*Not pictured:*  
**Harry Bishop**  
*Hays County*





|                   |                   |
|-------------------|-------------------|
| 290,313           | 91,555            |
| 76,152            | 79                |
| 4,807             | 432               |
| 416               | 1,263,518         |
| 1,530,094         | 25,437            |
| 38,137            |                   |
| <u>16,267,621</u> | <u>15,379,331</u> |
| \$ 380,197        | \$ 505,763        |
| 11,928            | 10,071            |
| 4,807             | 79                |
|                   | 165,511           |

9 FINANCIAL SECTION



Suite 600  
8023 Vantage Drive  
at I.H. 10 and Callaghan  
San Antonio, TX 78230-4797  
512 377-2100

FAX 512 377-2684

**Grant Thornton** 

Accountants and  
Management Consultants

The U.S. Member Firm of  
Grant Thornton International

Board of Directors  
Edwards Underground Water District  
San Antonio, Texas

We have audited the general purpose financial statements of Edwards Underground Water District (the "District") as of September 30, 1990, as listed in the table of contents. These financial statements are the responsibility of the District's management. Our responsibility is to express an opinion on these general purpose financial statements based on our audit.

We conducted our audit in accordance with generally accepted auditing standards. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the general purpose financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall general purpose financial statement presentation. We believe our audit provides a reasonable basis for our opinion.

In our opinion, the general purpose financial statements referred to above present fairly, in all material respects, the financial position of Edwards Underground Water District as of September 30, 1990, and the results of its operations for the year then ended, in conformity with generally accepted accounting principles.

Our audit was made for the purpose of forming an opinion on the general purpose financial statements taken as a whole. The supplemental schedules listed in the table of contents are presented for purposes of additional analysis and are not a required part of the general purpose financial statements of Edwards Underground Water District. This information has been subjected to the auditing procedures applied in the audit of the general purpose financial statements and, in our opinion, is fairly stated in all material respects in relation to the general purpose financial statements taken as a whole.

*Grant Thornton*

San Antonio, Texas  
November 2, 1990

**COMBINED BALANCE SHEET - ALL FUND TYPES AND ACCOUNT GROUPS**

September 30, 1990

|   | Governmental Fund Types |                      | Account Groups       |                        | Totals (memo only)   |                      |
|---|-------------------------|----------------------|----------------------|------------------------|----------------------|----------------------|
|   | General                 | Special Revenue      | General Fixed Assets | General Long Term Debt | September 30, 1990   | September 30, 1989   |
| <b>ASSETS</b>   |                         |                      |                      |                        |                      |                      |
| Cash (note B)   | \$ 1,426,922            | \$ 472,966           | \$ -                 | \$ -                   | \$ 1,899,888         | \$ 238,509           |
| Investments (note B)  | 2,281,362               | 9,850,000            | -                    | -                      | 12,131,362           | 13,406,362           |
|   | <u>3,708,284</u>        | <u>10,322,966</u>    | -                    | -                      | <u>14,031,250</u>    | <u>13,644,871</u>    |
| Receivables   |                         |                      |                      |                        |                      |                      |
| Delinquent taxes, net of allowance for uncollectibles (note A7) | 296,452                 | -                    | -                    | -                      | 296,452              | 292,630              |
| Interest  | 107,564                 | 182,749              | -                    | -                      | 290,313              | 60,809               |
| Other receivables   | -                       | 76,152               | -                    | -                      | 76,152               | 91,555               |
| Due from other fund (note D)                                    | 255                     | 4,552                | -                    | -                      | 4,807                | 79                   |
| Other assets  | 416                     | -                    | -                    | -                      | 416                  | 432                  |
| Fixed assets (notes A9 and C)                                   | -                       | -                    | 1,530,094            | -                      | 1,530,094            | 1,263,518            |
| Amount to be provided for retirement of general long-term debt  | -                       | -                    | -                    | 38,137                 | 38,137               | 25,437               |
| <b>TOTAL ASSETS</b>   | <u>\$ 4,112,971</u>     | <u>\$ 10,586,419</u> | <u>\$ 1,530,094</u>  | <u>\$ 38,137</u>       | <u>\$ 16,267,621</u> | <u>\$ 15,379,331</u> |
| <b>LIABILITIES</b>  |                         |                      |                      |                        |                      |                      |
| Accounts payable  | \$ 345,363              | \$ 34,834            | \$ -                 | \$ -                   | \$ 380,197           | \$ 505,763           |
| Accrued salaries payable  | 11,928                  | -                    | -                    | -                      | 11,928               | 10,071               |
| Due to other fund (note D)                                      | 4,552                   | 255                  | -                    | -                      | 4,807                | 79                   |
| Deferred revenue (note A7)                                      | 163,655                 | -                    | -                    | -                      | 163,655              | 165,511              |
| Compensated absences (notes A10 and F)                          | 7,264                   | -                    | -                    | 38,137                 | 45,401               | 30,282               |
| <b>TOTAL LIABILITIES</b>  | <u>532,762</u>          | <u>35,089</u>        | <u>-</u>             | <u>38,137</u>          | <u>605,988</u>       | <u>711,706</u>       |
| <b>EQUITY</b>   |                         |                      |                      |                        |                      |                      |
| Investment in general fixed assets                              | -                       | -                    | 1,530,094            | -                      | 1,530,094            | 1,263,518            |
| Fund balance  |                         |                      |                      |                        |                      |                      |
| Unreserved  | 3,580,209               | 10,551,330           | -                    | -                      | 14,131,539           | 13,404,107           |
| <b>TOTAL EQUITY</b>   | <u>3,580,209</u>        | <u>10,551,330</u>    | <u>1,530,094</u>     | <u>-</u>               | <u>15,661,633</u>    | <u>14,667,625</u>    |
| <b>TOTAL LIABILITIES &amp; EQUITY</b>                           | <u>\$ 4,112,971</u>     | <u>\$ 10,586,419</u> | <u>\$ 1,530,094</u>  | <u>\$ 38,137</u>       | <u>\$ 16,267,621</u> | <u>\$ 15,379,331</u> |

The accompanying notes are an integral part of these statements.

**COMBINED STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES -  
ALL GOVERNMENTAL FUND TYPES**  
September 30, 1990

|  | Governmental Fund Types |                  | Totals (memo only) |                    |
|--|-------------------------|------------------|--------------------|--------------------|
|  | General                 | Special Revenue  | September 30, 1990 | September 30, 1989 |
| <b>Revenues</b>  |                         |                  |                    |                    |
| Ad valorem taxes   | \$ 3,371,419            | \$ -             | \$ 3,371,419       | \$ 3,712,366       |
| Bank franchise taxes   | 9,883                   | -                | 9,883              | 13,672             |
| Interest   | 387,441                 | 743,588          | 1,131,029          | 1,144,385          |
| Miscellaneous  | 8,276                   | 30,230           | 38,506             | 6,787              |
| <b>Total Revenues</b>  | <b>3,777,019</b>        | <b>773,818</b>   | <b>4,550,837</b>   | <b>4,877,210</b>   |
| <b>Expenditures</b>  |                         |                  |                    |                    |
| <b>Current</b>   |                         |                  |                    |                    |
| Personnel  | 833,466                 | -                | 833,466            | 666,457            |
| Administrative and general   | 679,027                 | 222,979          | 902,006            | 1,240,607          |
| Field operations   | 960,876                 | 30,357           | 991,233            | 512,926            |
| Public information, education, water conservation                                    | 232,168                 | 177,899          | 410,067            | 627,749            |
| Consultants and projects   | 101,416                 | -                | 101,416            | 146,115            |
| Contingency and reserve  | 16,986                  | -                | 16,986             | 15,345             |
| Intergovernmental  | 187,134                 | 102,773          | 289,907            | 578,188            |
| Capital outlay   | 278,324                 | -                | 278,324            | 133,966            |
| <b>Total Expenditures</b>  | <b>3,289,397</b>        | <b>534,008</b>   | <b>3,823,405</b>   | <b>3,921,353</b>   |
| <b>EXCESS OF REVENUES OVER (UNDER) EXPENDITURES</b>                                  | <b>487,622</b>          | <b>239,810</b>   | <b>727,432</b>     | <b>955,857</b>     |
| <b>Other financing sources (uses)</b>  |                         |                  |                    |                    |
| Operating transfers in   | -                       | 1,000,000        | 1,000,000          | 500,000            |
| Operating transfers out  | (1,000,000)             | -                | (1,000,000)        | (500,000)          |
| <b>Total other financing sources (uses)</b>  | <b>(1,000,000)</b>      | <b>1,000,000</b> | <b>-</b>           | <b>-</b>           |
| <b>EXCESS OF REVENUES AND OTHER SOURCES OVER (UNDER) EXPENDITURES AND OTHER USES</b> | <b>(512,378)</b>        | <b>1,239,810</b> | <b>727,432</b>     | <b>955,857</b>     |
| Fund balances at October 1, 1989   | 4,092,587               | 9,311,520        | 13,404,107         | 12,448,250         |
| Fund balances at September 30, 1990  | \$ 3,580,209            | \$ 10,551,330    | \$ 14,131,539      | \$ 13,404,107      |

**COMBINED STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES -  
BUDGET (GAAP BASIS) AND ACTUAL - GENERAL AND SPECIAL REVENUE FUND TYPES**  
September 30, 1990

|  | General Fund          |                    |                                  | Special Revenue Fund |                  |                                  |
|--|-----------------------|--------------------|----------------------------------|----------------------|------------------|----------------------------------|
|  | Budget                | Actual             | Variance Favorable (Unfavorable) | Budget               | Actual           | Variance Favorable (Unfavorable) |
| <b>Revenues</b>  |                       |                    |                                  |                      |                  |                                  |
| Ad valorem taxes   | \$ 3,176,841          | \$ 3,371,419       | \$ 194,578                       | \$ -                 | \$ -             | \$ -                             |
| Bank franchise taxes   | -                     | 9,883              | 9,883                            | -                    | -                | -                                |
| Interest   | 150,000               | 387,441            | 237,441                          | 500,000              | 743,588          | 243,588                          |
| Miscellaneous  | -                     | 8,276              | 8,276                            | -                    | 30,230           | 30,230                           |
| <b>Total Revenues</b>  | <b>3,326,841</b>      | <b>3,777,019</b>   | <b>450,178</b>                   | <b>500,000</b>       | <b>773,818</b>   | <b>273,818</b>                   |
| <b>Expenditures</b>  |                       |                    |                                  |                      |                  |                                  |
| <b>Current</b>   |                       |                    |                                  |                      |                  |                                  |
| Personnel  | 956,987               | 833,466            | 123,521                          | -                    | -                | -                                |
| Administrative and general   | 880,788               | 679,027            | 201,761                          | 265,000              | 222,979          | 42,021                           |
| Field operations   | 1,546,650             | 960,876            | 585,774                          | 85,000               | 30,357           | 54,643                           |
| Public information, education, and water conservation                                | 393,897               | 232,168            | 161,729                          | -                    | -                | -                                |
| Consultants and projects   | 273,900               | 101,416            | 172,484                          | 265,000              | 177,899          | 87,101                           |
| Contingency and reserve  | 2,187,870             | 16,986             | 2,170,884                        | -                    | -                | -                                |
| Intergovernmental  | 207,000               | 187,134            | 19,866                           | 300,000              | 102,773          | 197,227                          |
| Capital outlay   | 845,653               | 278,324            | 567,329                          | -                    | -                | -                                |
| <b>Total Expenditures</b>  | <b>7,292,745</b>      | <b>3,289,397</b>   | <b>4,003,348</b>                 | <b>915,000</b>       | <b>534,008</b>   | <b>380,992</b>                   |
| <b>EXCESS OF REVENUES OVER (UNDER) EXPENDITURES</b>                                  | <b>(3,965,904)</b>    | <b>487,622</b>     | <b>4,453,526</b>                 | <b>(415,000)</b>     | <b>239,810</b>   | <b>654,810</b>                   |
| <b>Other financing sources (uses)</b>  |                       |                    |                                  |                      |                  |                                  |
| Operating transfers in   | -                     | -                  | -                                | 2,000,000            | 1,000,000        | (1,000,000)                      |
| Operating transfers out  | (2,000,000)           | (1,000,000)        | 1,000,000                        | -                    | -                | -                                |
| <b>Total other financing sources (uses)</b>  | <b>(2,000,000)</b>    | <b>(1,000,000)</b> | <b>1,000,000</b>                 | <b>2,000,000</b>     | <b>1,000,000</b> | <b>(1,000,000)</b>               |
| <b>EXCESS OF REVENUES AND OTHER SOURCES OVER (UNDER) EXPENDITURES AND OTHER USES</b> | <b>\$ (5,965,904)</b> | <b>(512,378)</b>   | <b>\$ 5,453,526</b>              | <b>\$ 1,585,000</b>  | <b>1,239,810</b> | <b>\$ (345,190)</b>              |
| Fund balances at October 1, 1989   |                       | 4,092,587          |                                  |                      | 9,311,520        |                                  |
| Fund balances at September 30, 1990  |                       | \$ 3,580,209       |                                  |                      | \$ 10,551,330    |                                  |

The accompanying notes are an integral part of these statements.

**NOTES TO FINANCIAL STATEMENTS**

September 30, 1990

**NOTE A - SUMMARY OF ACCOUNTING POLICIES**

A summary of the District's significant accounting policies consistently applied in the preparation of the accompanying financial statements follows.

**1. THE REPORTING ENTITY**

The reporting entity refers to the scope of activities, organizations and functions included in the financial statements. In accordance with the Governmental Standards Board requirements, the District has reviewed other entities and activities for possible inclusion in the reporting entity. The basic criterion for including a component unit within the District's reporting entity is the exercise of oversight responsibility by the District. Other factors which may significantly influence the entity relationship, are scope of public service and special financing relationships.

The specific criteria used for establishing oversight responsibility are:

*Manifestations of Oversight Responsibility:* Selection of governing authority; designation of management; ability to significantly influence operations and

*Accountability for Fiscal Matters:* Budgetary authority; surplus/deficit; responsibility for debt; fiscal management; revenue characteristics.

It has been determined that there are no material entities or activities meeting the criteria for inclusion.

**2. FUND ACCOUNTING**

The District's accounts are organized on the basis of funds or account groups, each of which is considered to be a separate accounting entity. The operations of each fund are accounted for by providing a separate set of self-balancing accounts which are comprised of each fund's assets, liabilities, fund equity, revenues and expenditures. The following is a description of the fund types and account groups used by the District in the accompanying financial statements:

**GOVERNMENTAL FUND TYPES***General Fund*

The General Fund accounts for the resources used to finance the fundamental operations of the District. It is the basic fund of the District and covers all activities for which a separate fund has not been established.

*Special Revenue Fund*

This fund is used to account for the proceeds of specific revenue sources that are legally restricted to expenditures for specified purposes.

**ACCOUNT GROUPS***General Fixed Assets*

This account group is established to account for the fixed assets owned by the District. Expenditure transactions to acquire general fixed assets occur in the General or Special Revenue Funds.

*General Long-Term Debt*

This account group records the long-term portion of accrued vacation pay and is offset by the amount to be provided in future years.

**3. MEMORANDUM ONLY - TOTAL COLUMNS**

Total columns on the general purpose financial statements are captioned "memorandum only" to indicate that they are presented only to facilitate financial analysis. Data in these columns do not present financial position, results of operations or changes in financial position in conformity with generally accepted accounting principles. Neither are such data comparable to a consolidation. Interfund eliminations have not been made in the aggregation of this data.

**4. BASIS OF ACCOUNTING**

The accompanying financial statements have been prepared in accordance with generally accepted accounting principles as prescribed by the Governmental Accounting Standards Board.

The District employs the modified accrual basis of accounting in all funds. The modified accrual basis recognizes revenues that are susceptible to accrual when measurable and available and recognizes expenditures when incurred except for unmatured interest on general long-term debt. Property tax revenues, the District's primary revenue source, is susceptible to accrual and is considered available to the extent of delinquent taxes collected within sixty (60) days after the fiscal year end.

All District funds are accounted for on a spending "financial flow" measurement focus. This means that only current assets and current liabilities are generally included on their balance sheets. Their reported fund balance (net current assets) is considered a measure of "available spendable resources." Governmental fund operating statements present increases (revenues and other financing sources) and decreases (expenditures and other financing uses) in net current assets. Accordingly, they are said to present a summary of sources and uses of "available spendable resources" during a period. Property, plant and equipment used in District fund operations are accounted for in the General Fixed Asset Account Group, rather than in District funds. Long-term debt is accounted for in the General Long-Term Debt Account Group rather than in District funds.

**5. BUDGETS**

The original budget is adopted by the Board of Directors in September. Amendments are made during the year on approval by the Board. The final amended budget is used in this report.

Budgets are required for all governmental funds. The budgets are adopted on the same basis of accounting as described in Note A4. Budgets should not be exceeded at the fund total level.

Unused appropriations lapse at the end of each fiscal year.

**6. TEMPORARY INVESTMENTS**

Temporary investments consist of certificates of deposit and interest-bearing money market accounts valued at cost.

**7. DELINQUENT TAXES RECEIVABLE**

Delinquent taxes have been reported in the financial statements net of the allowance for uncollectible taxes. Tax revenues are recognized as they become available. Accordingly, an amount equal to taxes not yet available (not collectible within sixty (60) days after year-end) has been reported as deferred revenue.

The following is a summary, by fund, of the gross delinquent taxes and the allowance for uncollectible taxes at September 30, 1990.

|              | Delinquent<br>Taxes | Allowance for<br>Uncollectible<br>Taxes | Net<br>Delinquent<br>Taxes |
|--------------|---------------------|---|----------------------------|
| General Fund | \$ 364,227          | \$ 67,775                               | \$ 296,452                 |

**8. PROPERTY TAXES**

On January 1 of each year, a tax lien attaches to the property to secure the payment of all ad valorem taxes, penalties and interest ultimately imposed on the property for the year. In September of each year or as soon as practicable thereafter, the Board sets the tax rate. The Bexar County Tax Assessor bills the taxes, and they are payable from October 1 in the year in which they are levied to January 31 of the following year without penalty or interest. The Tax Assessor collects the taxes and remits to the District. Discounts are allowed for taxes paid during October, November and December. Taxes become delinquent on February 1 and are subject to penalty and interest. On that date, the District may file suit for collection of unpaid taxes. On July 1, unpaid taxes are subject to additional penalties for collection expenses.

**9. GENERAL FIXED ASSETS**

General fixed assets are recorded at original cost, or if donated are recorded at fair market value on the date donated. Costs incurred for the purchase or construction of general fixed assets are recorded as capital outlay expenditures in the General or Special Revenue Funds. All such costs are capitalized in the General Fixed Assets Account Group.

Public domain ("infrastructure") fixed assets consists of dams that have been constructed within the District out of general fund revenues but have not been included as a part of the general fixed assets account group. The costs were shown as expenditures of General Fund revenues in the years constructed.

|              | Date of Completion | Cost                |
|--------------|--------------------|---------------------|
| Parker       | April 20, 1974     | \$ 409,479          |
| Verde        | May 24, 1978       | 389,233             |
| San Geronimo | November 13, 1979  | 659,266             |
| Seco Creek   | November 18, 1982  | 421,516             |
|              |                    | <u>\$ 1,879,494</u> |

No depreciation is provided for on the general fixed assets of the District.

**10. COMPENSATED ABSENCES**

Vested or accumulated vacation leave that is expected to be liquidated with expendable available financial resources is reported as an expenditure and a fund liability of the governmental fund that will pay it. Amounts of vested or accumulated vacation leave that are not expected to be liquidated with expendable available resources are reported in the general long-term debt account group. At September 30, 1990, accumulated vacation leave amounts to \$45,401. In accordance with the provisions of Statement of Financial Accounting Standards No. 43, "Accounting for Compensated Absences", no liability is recorded for nonvesting accumulating rights to receive sick pay benefits.

The current portion of vacation leave payable, \$7,264, is recorded in the general fund, and the long-term portion, \$38,137, is recorded in the general long-term debt account group.

**11. COMPARATIVE DATA**

Comparative total data for the prior year have been presented in the accompanying financial statements in order to provide an understanding of changes in the District's financial position and operations. However, comparative data have not been presented in all statements because their inclusion would make certain statements unduly complex and difficult to understand.

**NOTE B - CASH AND INVESTMENTS**

All cash, money market accounts, and certificates of deposit (time deposits) are held in one financial institution and are carried at cost plus accrued interest.

The book balances at September 30, 1990 are as follows:

|  | General<br>Fund     | Special<br>Revenue<br>Surface<br>Water Fund | Total                |
|--|---------------------|---|----------------------|
| Checking account                             | \$ 179              | \$ 123                                      | \$ 302               |
| Money market accounts                        | 1,426,554           | 472,843                                     | 1,899,397            |
| Certificates of deposit                      | 2,281,362           | 9,850,000                                   | 12,131,362           |
| Total in financial institutions              | \$ 3,708,095        | \$ 10,322,966                               | \$ 14,031,061        |
| Petty Cash                                   | \$ 189              | -   | \$ 189               |
| Total Cash and investments per balance sheet | <u>\$ 3,708,284</u> | <u>\$ 10,322,966</u>                        | <u>\$ 14,031,250</u> |



|  | Book<br>Balance     | Bank<br>Balance     | Insurance<br>And Market<br>Value<br>of Collateral |
|--|---------------------|---------------------|---|
| Insured (FDIC)   | \$ 100,000          | \$ 100,000          | \$ 100,000  |
| Uninsured, collateral held<br>by pledging bank in the<br>District's name | 15,364,422          | 15,364,422          | 15,364,422  |
| Total coverage   | 15,464,422          | 15,464,422          | <u>\$15,464,422</u>                               |
| Cash balance at<br>September 30, 1990                                    | 14,031,061          | 14,069,099          |   |
| Excess coverage  | <u>\$ 1,433,361</u> | <u>\$ 1,395,323</u> |   |

The District may legally invest in, at a minimum, obligations of the United States Government, obligations of the State of Texas, other states, cities, and counties with an A rating, common trust funds held in banks in Texas, certificates of deposit, money market accounts, and repurchase agreements.

**NOTE C - GENERAL FIXED ASSETS**

The following is a summary of changes in general fixed assets.

|                                      | Balance at<br>October 1,<br>1989 | Additions         | Deletions        | Balance at<br>September 30,<br>1990 |
|--------------------------------------|----------------------------------|-------------------|------------------|-------------------------------------|
| Land                                 | \$ 495,251                       | \$ 40,030         | \$ -             | \$ 535,281                          |
| Buildings and<br>improvements        | 385,040                          | 53,187            | -                | 438,227                             |
| Furniture, fixtures<br>and equipment | 261,212                          | 165,942           | 164              | 426,990                             |
| Vehicles                             | 122,015                          | 27,346            | 19,765           | 129,596                             |
|                                      | <u>\$1,263,518</u>               | <u>\$ 286,505</u> | <u>\$ 19,929</u> | <u>\$1,530,094</u>                  |

**NOTE D - INTERFUND RECEIVABLES AND PAYABLES**

The following is a summary of amounts due from and due to other funds.

|                      | Due From        | Due To          |
|----------------------|-----------------|-----------------|
| General Fund         | \$ 4,552        | \$ 255          |
| Special Revenue Fund | 255             | 4,552           |
|                      | <u>\$ 4,807</u> | <u>\$ 4,807</u> |

**NOTE E - RETIREMENT PLAN**

**PLAN DESCRIPTION**

The District provides pension, disability, and death benefits for all of its full-time employees through a non-traditional, joint contributory, defined contribution plan in the state-wide Texas County and District Retirement System (TCDRS), one of over 400 administered by TCDRS, an agent multiple-employer public employee retirement system. It is the opinion of the TCDRS management that the plans in TCDRS are substantially defined contribution plans, but they have elected to provide additional voluntary disclosure to help foster a better understanding of some

of the non-traditional characteristics of the plan.

Under the state law governing TCDRS, the contribution rate of the District is a fixed percent equal to the contribution rate payable by the employee member, which is 7% as adopted by the governing body of the District. This rate is not actuarially determined and is one of the rates that can be adopted in accordance with the TCDRS Act. However, the plan of benefits adopted by the employer at the time of plan inception and when benefit increases are adopted is limited by statute to what the actuary determines can be adequately financed by the commitment of the employer to contribute the same amount as the employees. The statute specifies that the actuary's determination is based on a maximum period for amortizing the unfunded pension benefit obligation of 30 years.

The plan provisions are adopted by the governing body of the District, within the options available in the state statutes governing TCDRS. Members can retire at ages 60 and above with 10 or more years of service or with 30 years regardless of age or when the sum of their age and years of service equals 80 or more. A member is vested after 10 years but must leave his accumulated contributions in the plan. If a member withdraws his personal contributions in a lump-sum, he is not entitled to any amounts contributed by the employer.

Benefit amounts are determined by the sum of the employee's contributions to the plan, with interest, and employer-financed monetary credits, with interest. The level of these monetary credits is adopted by the governing body of the District conditioned by the actuarial constraints imposed by statute that the resulting benefits can be expected to be adequately financed by the commitment of the District to contribute the same amount as the member employees. The District's current benefit plan provides for employer-financed monetary credits for service since the plan began of 180% of the employee's accumulated contributions and for employer-financed monetary credits for service before the plan began of 140% of a theoretical amount equal to twice what would have been contributed by the employee, with interest, prior to establishment of the plan. At retirement, the benefit is calculated as if the sum of the employee's accumulated contributions and the employer-financed monetary credits were used to purchase an annuity within TCDRS.

**PAYROLL AND CONTRIBUTION INFORMATION**

The District's total payroll in calendar year 1989 was \$609,081, and the District's contributions were based on a covered payroll of \$589,903. Employer and employee contributions for the year were made as required and are detailed below. Employee contributions may include the purchase of credits for military or legislative service or the buy back of previously forfeited service credit. There were no related-party transactions.

|                        |          |
|------------------------|----------|
| Employee Contributions | \$41,293 |
| Employer Contributions | \$41,293 |

**VOLUNTARY ADDITIONAL DISCLOSURE**

Even though the substance of the District's plan is not to provide a defined benefit in some form, some additional voluntary disclosure is appropriate due to the non-traditional (for a defined

contribution plan) existence of an unfunded pension benefit obligation and employer-financed monetary credits in excess of 100% of the employee's personal contributions. Part of the District's 7% contribution, the normal cost of 4.28%, is to fund the currently accruing monetary credits, while the remaining portion, 2.72% is to amortize the unfunded pension benefit obligation quantified below. The plan had an initial unfunded pension benefit obligation due to the monetary credits granted by the District for services rendered before the plan began and can have additions to the unfunded pension benefit obligation through the periodic adoption of increases in benefit credit and benefits.

While the District's obligation to the plan, in a legalistic sense, is only its commitment to make contributions equal to those of its employees, it is expected that the commitment to make equal contributions will eventually result in the full funding of all employer-financed monetary credits. In a practical sense, therefore, the District's obligation to the plan includes the unfunded pension benefit obligation.

Statement No. 5 of the Governmental Accounting Standards Board (GASB 5) defines pension benefit obligation as a standardized disclosure measure of the actuarial present value of pension benefits, adjusted for the effects of projected salary increases, estimated to be payable in the future as a result of employee service to date. The measure is intended to help users assess the funding status of public employee pension plans, assess progress made in accumulating sufficient assets to pay benefits when due, and make comparisons among public employee pension plans.

The pension benefit obligation shown below is similar in nature to the standardized disclosure measure required by GASB 5 for defined benefit plans except that there is no need to project salary increases since the benefit credits earned for service to date are not dependent upon future salaries.

The calculations were made as part of the annual actuarial valuation as of December 31, 1988 (latest information available). Because of the money-purchase nature of the plan, the interest rate assumption, currently 9% per year, does not have as much impact on the results as it does for a defined benefit plan. Market value of assets is not determined separately for the various funds, but the market value of assets for TCDRS as a whole was 99.7% of book value as of December 31, 1988.

**PENSION BENEFIT OBLIGATION-DECEMBER 31, 1988**  
(latest information available)

|  |                   |
|--|-------------------|
| Annuity currently receiving benefits             | \$ 64,486         |
| Terminated employees                             | 89,711            |
| Current employees                                |                   |
| Accumulated employee contributions               |                   |
| including allocated investment earnings          | 120,916           |
| Employer-financed vested                         | 30,859            |
| Employer-financed nonvested                      | 66,478            |
|  | <u>          </u> |
| Total  | \$ 372,450        |
| Net Assets Available for Benefits, at Book Value | \$ 319,897        |
| Unfunded Pension Benefit Obligation              | \$ 52,553         |
| Amortization Period                              | 6.05 years        |

The unfunded pension benefit obligation is to be amortized with a level percent of payroll, assumed to be 2.72% each year in the valuation above. The rate available to amortize the unfunded pension benefit obligation may, however, vary slightly from year to year since it is determined as the District contribution rate (7%) minus its normal cost contribution rate (recalculated annually). As a result, the amortization period may vary from year to year.

**TREND INFORMATION**

The three year historical trend information is being developed prospectively. The information for the latest two available years is as follows:

|   | 1988/89 | 1987/88 |
|---|---------|---------|
| Net assets available for benefits as percentage of the pension benefit obligation | 85.9%   | 83.2%   |
| Unfunded pension benefit obligation as percentage of covered payroll              | 11.7    | 14.2    |
| Employer contributions as percentage of covered payroll                           | 7.0     | 7.0     |

The ten year historical trend information can be found in the annual reports of the Texas County and District Retirement System (TCDRS). TCDRS annual report contains detail pension information on each of its members.

**NOTE F - LONG-TERM DEBT**

Changes in long-term debt during the year ended September 30, 1990 are as follows:

|                      | Balance<br>10/1/89 | Additions | Deletions | Balance<br>9/30/90 |
|----------------------|--------------------|-----------|-----------|--------------------|
| Compensated absences | \$ 25,437          | \$ 35,597 | \$ 22,897 | \$ 38,137          |



**SCHEDULE OF GENERAL FUND EXPENDITURES -  
BUDGET AND ACTUAL  
September 30, 1990**

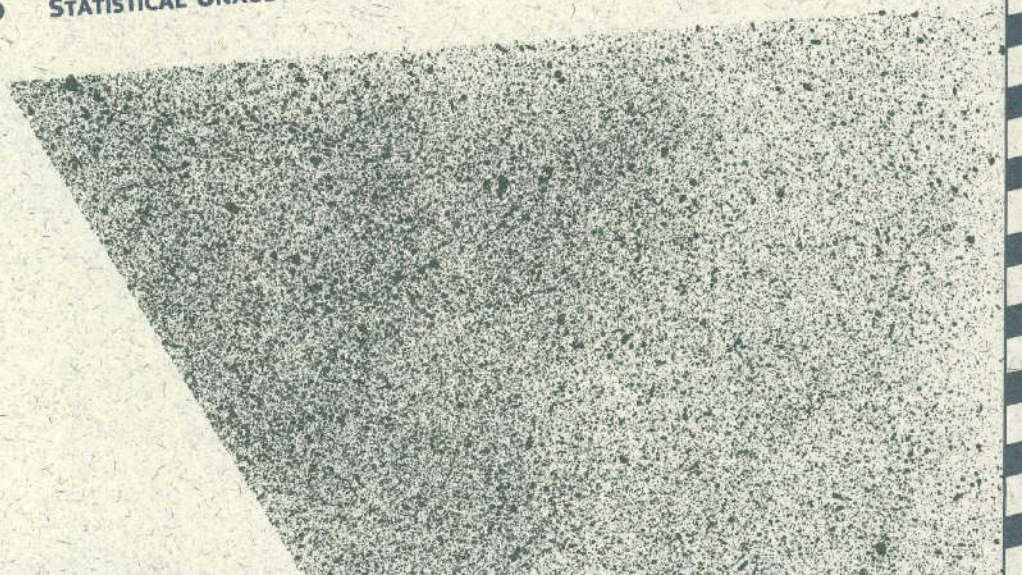
|  | Budget              | Actual              | Variance<br>Favorable<br>(Unfavorable) |
|--|---------------------|---------------------|--|
| <b>Personnel</b>   |                     |                     |  |
| Salaries   | \$ 776,760          | \$ 684,369          | \$ 92,391                              |
| Social security  | 56,017              | 50,691              | 5,326                                  |
| Retirement   | 51,973              | 45,852              | 6,121                                  |
| Unemployment   | 3,541               | 2,814               | 727                                    |
| Staff expense  | 23,750              | 19,879              | 3,871                                  |
| Insurance  | 44,946              | 29,861              | 15,085                                 |
|  | <u>956,987</u>      | <u>833,466</u>      | <u>123,521</u>                         |
| <b>Administrative and general</b>                                |                     |                     |  |
| Directors' expense   | 108,500             | 69,460              | 39,040                                 |
| Memberships  | 4,000               | 3,661               | 339                                    |
| Subscriptions and publications                                   | 6,000               | 3,774               | 2,226                                  |
| Legal services   | 112,000             | 105,631             | 6,369                                  |
| Accounting services  | 16,000              | 21,601              | (5,601)                                |
| Legal notices  | 24,000              | 11,358              | 12,642                                 |
| Telephone  | 19,488              | 17,405              | 2,083                                  |
| Office operating expenses  | 40,650              | 33,235              | 7,415                                  |
| Office administrative expense                                    | 49,250              | 32,741              | 16,509                                 |
| Insurance  | 61,400              | 35,998              | 25,402                                 |
| Appraisal district   | 62,500              | 44,158              | 18,342                                 |
| Tax collection fees  | 375,000             | 300,000             | 75,000                                 |
| Election expenses  | 2,000               | 5                   | 1,995                                  |
|  | <u>880,788</u>      | <u>679,027</u>      | <u>201,761</u>                         |
| <b>Field operations</b>  |                     |                     |  |
| Automobile expense   | 17,400              | 16,574              | 826                                    |
| Water well activities  | 105,500             | 44,922              | 60,578                                 |
| Recharge activities  | 156,750             | 87,815              | 68,935                                 |
| Water quality activities   | 1,102,000           | 715,970             | 386,030                                |
| Mapping activities   | 165,000             | 95,595              | 69,405                                 |
|  | <u>1,546,650</u>    | <u>960,876</u>      | <u>585,774</u>                         |
| <b>Public information, education,<br/>and water conservation</b> |                     |                     |  |
| Public information   | 171,000             | 138,897             | 32,103                                 |
| Water conservation   | 52,897              | 36,758              | 16,139                                 |
| Public Education   | 170,000             | 56,513              | 113,487                                |
|  | <u>393,897</u>      | <u>232,168</u>      | <u>161,729</u>                         |
| <b>Consultants and projects</b>                                  |                     |                     |  |
| Technical assistance   | 273,900             | 101,416             | 172,484                                |
|  | <u>2,187,870</u>    | <u>16,986</u>       | <u>2,170,884</u>                       |
| <b>Intergovernmental</b>   |                     |                     |  |
| Cooperative program - USGS                                       | 207,000             | 187,134             | 19,866                                 |
|  | <u>845,653</u>      | <u>278,324</u>      | <u>567,329</u>                         |
| <b>TOTAL EXPENDITURES</b>  | <u>\$ 7,292,745</u> | <u>\$ 3,289,397</u> | <u>\$ 4,003,348</u>                    |

**SPECIAL REVENUE - SURFACE WATER FUND  
SCHEDULE OF EXPENDITURES - BUDGET AND ACTUAL  
September 30, 1990**

|                                   | Budget            | Actual            | Variance<br>Favorable<br>(Unfavorable) |
|-----------------------------------|-------------------|-------------------|--|
| <b>Administrative and general</b> |                   |                   |  |
| Legal fees                        | \$ 265,000        | \$ 222,979        | \$ 42,021                              |
| <b>Field operations</b>           |                   |                   |  |
| Drought management planning       |                   |                   |  |
| Consultants                       | 20,000            | 9,398             | 10,602                                 |
| Reports and printing              | 5,000             | 5,000             |  |
| Contingency                       | 60,000            | 15,959            | 44,041                                 |
|                                   | <u>85,000</u>     | <u>30,357</u>     | <u>54,643</u>                          |
| <b>Consultants and projects</b>   |                   |                   |  |
| Medina Lake Study - Phase II      |                   |                   |  |
| Hydrologic analysis               | 15,000            | 7,482             | 7,518                                  |
| Environmental analysis            | 20,000            | 19,782            | 218                                    |
| Economic analysis                 | 30,000            | 28,464            | 1,536                                  |
| Structural analysis               | 15,000            | 4,667             | 10,333                                 |
| Project management                | 23,073            | 23,073            |  |
| Contingency                       | 11,000            | 1,034             | 9,966                                  |
| Escrow                            | 50,000            |                   | 50,000                                 |
| Medina Lake Study Phase III       |                   |                   |  |
| Economic analysis                 | 39,791            | 39,791            |  |
| Structural analysis               | 209               | 209               |  |
| Project management                | 45,927            | 48,419            | (2,492)                                |
| Contingency                       | 15,000            | 4,978             | 10,022                                 |
|                                   | <u>265,000</u>    | <u>177,899</u>    | <u>87,101</u>                          |
| <b>Intergovernmental</b>          |                   |                   |  |
| Interlocal                        | 300,000           | 102,773           | 197,227                                |
| <b>TOTAL EXPENDITURES</b>         | <u>\$ 915,000</u> | <u>\$ 534,008</u> | <u>\$ 380,992</u>                      |



19 STATISTICAL UNAUDITED SECTION



## EDWARDS UNDERGROUND WATER DISTRICT

**GENERAL GOVERNMENTAL EXPENDITURES BY FUNCTION (UNAUDITED)\***

Last Ten Fiscal Years

| Fiscal Year       | Personnel  | Administrative and General | Field Expenses | Public Information Education Water Conservation | Consultants and Projects | Contingency and Reserve | Inter-governmental | Capital Outlay | Total      |
|-------------------|------------|----------------------------|----------------|---|--------------------------|-------------------------|--------------------|----------------|------------|
| 1981 <sup>a</sup> | \$ 106,807 | \$ 143,436                 | \$ 25,130      | \$ 15,873                                       | \$ 1,961                 | \$ 0                    | \$ 124,255         | \$ 10,823      | \$ 428,285 |
| 1982 <sup>a</sup> | 146,930    | 139,587                    | 57,620         | 5,695   | 4,809                    | 0                       | 133,010            | 306,677        | 794,328    |
| 1983 <sup>a</sup> | 175,296    | 205,202                    | 89,991         | 9,880   | 354                      | 0                       | 146,360            | 270,569        | 897,652    |
| 1984 <sup>a</sup> | 205,902    | 198,013                    | 60,319         | 135,038   | 12,883                   | 0                       | 144,115            | 365,000        | 1,121,270  |
| 1985 <sup>a</sup> | 294,940    | 245,419                    | 374,417        | 163,951   | 902,957                  | 0                       | 134,736            | 18,419         | 2,134,839  |
| 1986 <sup>a</sup> | 331,970    | 316,114                    | 518,353        | 74,481  | 615,479                  | 0                       | 187,114            | 244,675        | 2,288,186  |
| 1987 <sup>a</sup> | 408,727    | 603,537                    | 258,351        | 122,736   | 21,303                   | 0                       | 261,186            | 103,212        | 1,779,052  |
| 1988 <sup>a</sup> | 537,480    | 667,526                    | 437,233        | 182,988   | 165,347                  | 14,168                  | 324,595            | 14,396         | 2,343,733  |
| 1989 <sup>b</sup> | 666,457    | 1,240,607                  | 512,926        | 627,749   | 146,115                  | 15,345                  | 578,188            | 133,966        | 3,921,353  |
| 1990 <sup>c</sup> | 833,466    | 902,006                    | 991,233        | 410,067   | 101,416                  | 16,986                  | 289,907            | 278,324        | 3,823,405  |

\* Includes general and special revenue funds. Special revenue fund established in 1982.

<sup>a</sup> Totals include Bexar, Comal, Hays, Medina and Uvalde Counties.<sup>b</sup> Totals include counties of Bexar, Comal, Hays, Medina and Uvalde for first five (5) months; Medina and Uvalde counties withdrew from the District effective March 1, 1989.<sup>c</sup> Totals include Bexar, Comal and Hays Counties.**GENERAL GOVERNMENTAL REVENUES BY SOURCE (UNAUDITED)\***

Last Ten Fiscal Years

| Fiscal Year       | Ad Valorem Taxes | Bank Franchise Taxes | Interest  | Miscellaneous | Total      |
|-------------------|------------------|----------------------|-----------|---------------|------------|
| 1981 <sup>a</sup> | \$ 580,250       | \$ 0                 | \$ 70,573 | \$ 0          | \$ 650,823 |
| 1982 <sup>a</sup> | 1,767,341        | 0                    | 267,333   | 2,925         | 2,037,599  |
| 1983 <sup>a</sup> | 1,722,497        | 0                    | 225,919   | 1,575         | 1,949,991  |
| 1984 <sup>a</sup> | 2,878,272        | 0                    | 454,417   | 43,300        | 3,375,989  |
| 1985 <sup>a</sup> | 2,902,277        | 26,450               | 610,988   | 3,000         | 3,542,715  |
| 1986 <sup>a</sup> | 3,144,449        | 21,452               | 568,348   | 12,769        | 3,747,018  |
| 1987 <sup>a</sup> | 3,404,935        | 24,749               | 616,206   | 7,653         | 4,053,543  |
| 1988 <sup>a</sup> | 3,621,459        | 16,046               | 862,771   | 4,320         | 4,504,596  |
| 1989 <sup>b</sup> | 3,712,366        | 13,672               | 1,144,385 | 6,787         | 4,877,210  |
| 1990 <sup>c</sup> | 3,371,419        | 9,883                | 1,131,029 | 38,506        | 4,550,837  |

\* Includes general and special revenue funds. Special revenue fund established in 1982.

<sup>a</sup> Totals include Bexar, Comal, Hays, Medina and Uvalde Counties.<sup>b</sup> Totals include counties of Bexar, Comal, Hays, Medina and Uvalde for first five (5) months; Medina and Uvalde counties withdrew from the District effective March 1, 1989.<sup>c</sup> Totals include Bexar, Comal and Hays Counties.**PROPERTY TAX LEVIES AND COLLECTION<sup>a</sup>**

Last Ten Fiscal Years

| Fiscal Year       | Total Tax Levy | Current Tax Collections | Percent of Levy Collected | Delinquent Tax Collections | Total Tax Collections | Percent of Total Collections to Total Tax Levy | Outstanding Delinquent Taxes | Ratio of Delinquent Taxes to Total Tax Levy |
|-------------------|----------------|-------------------------|---------------------------|----------------------------|-----------------------|--|------------------------------|---|
| 1981              | \$ 646,430     | \$ 542,266              | 83.89%                    | \$ 21,111                  | \$ 563,377            | 87.15%   | N/A                          | N/A   |
| 1982              | 2,013,881      | 1,654,783               | 82.17%                    | 66,106                     | 1,720,889             | 85.45%   | N/A                          | N/A   |
| 1983              | 1,725,882      | 1,477,438               | 85.60%                    | 25,836                     | 1,503,274             | 87.10%   | N/A                          | N/A   |
| 1984              | 2,812,440      | 2,483,071               | 88.29%                    | 65,176                     | 2,548,247             | 90.61%   | N/A                          | N/A   |
| 1985              | 2,946,178      | 2,526,148               | 85.74%                    | 95,158                     | 2,621,306             | 88.97%   | 210,172 <sup>b</sup>         | 7.13%                                       |
| 1986              | 3,315,887      | 2,823,122               | 85.14%                    | 148,439                    | 2,971,561             | 89.62%   | 278,775 <sup>b</sup>         | 8.41%                                       |
| 1987              | 3,436,819      | 2,950,003               | 85.84%                    | 264,016                    | 3,214,019             | 93.52%   | 302,298 <sup>b</sup>         | 8.80%                                       |
| 1988              | 3,401,542      | 3,058,635               | 89.92%                    | 237,268                    | 3,295,903             | 96.89%   | 286,126 <sup>b</sup>         | 8.41%                                       |
| 1989              | 3,629,056      | 3,450,389               | 95.08%                    | 188,046                    | 3,638,435             | 100.26%  | 292,630 <sup>b</sup>         | 8.06%                                       |
| 1990 <sup>c</sup> | 3,405,404      | 3,236,056               | 95.03%                    | 145,228                    | 3,381,284             | 99.29%   | 296,452 <sup>b</sup>         | 8.72%                                       |

<sup>a</sup> The above information includes the five counties within the District. All information was obtained from respective taxing entities. Certain years may represent incomplete information.<sup>b</sup> Outstanding delinquent taxes reported for these years only.<sup>c</sup> Information for 1990 includes only three counties within the District (Bexar, Comal and Hays); Medina and Uvalde Counties withdrew from the District effective March 1, 1989.

**ASSESSED AND ESTIMATED ACTUAL VALUE OF TAXABLE PROPERTY<sup>a</sup>**

Last Ten Fiscal Years

| Fiscal Year       | Assessed Value*  | Estimated Actual Value | Ratio of Total Assessed Value To Total Estimated Actual Value |
|-------------------|------------------|------------------------|---|
| 1981              | \$ 3,529,244,736 | \$ 10,438,910,811      | 33.81%  |
| 1982              | 11,647,915,672   | 11,972,943,122         | 97.29%  |
| 1983              | 12,823,866,242   | 12,823,866,242         | 100.00%   |
| 1984              | 25,751,345,631   | 25,751,345,631         | 100.00%   |
| 1985              | 29,689,064,706   | 29,689,064,706         | 100.00%   |
| 1986              | 37,410,563,535   | 37,410,563,535         | 100.00%   |
| 1987              | 39,946,929,536   | 39,946,929,536         | 100.00%   |
| 1988              | 43,039,428,377   | 43,039,428,377         | 100.00%   |
| 1989              | 37,412,459,730   | 37,412,459,730         | 100.00%   |
| 1990 <sup>b</sup> | 35,040,503,094   | 35,040,503,094         | 100.00%   |

\* Due to a change in State Law, properties are assessed at 100% of estimated actual values beginning with fiscal year 1983.

a The above information includes the five counties within the District. All information was obtained from the respective taxing entities. Certain years may represent incomplete information.

b Information for 1990 includes only three counties within the District (Bexar, Comal, and Hays); Medina and Uvalde Counties withdrew from the District effective March 1, 1989.

**PROPERTY TAX RATES**

**DIRECT AND OVERLAPPING GOVERNMENTS**

Last Ten Fiscal Years

| Fiscal Year       | Edwards Underground Water District |                   |            | Bexar County <sup>a</sup> |                      |                      |               |                      | Comal County <sup>b</sup> |         |                      |
|-------------------|------------------------------------|-------------------|------------|---------------------------|----------------------|----------------------|---------------|----------------------|---------------------------|---------|----------------------|
|                   | General Fund                       | Debt Service Fund | EUWD Total | City                      | County               | Schools <sup>d</sup> | Alamo College | Other                | City                      | County  | Schools <sup>f</sup> |
| 1981              | 0.02000                            | 0.00000           | 0.02000    | 0.44000 <sup>c</sup>      | 0.88000 <sup>e</sup> | Various              | 0.25000       | Various              | 0.38000                   | 0.74000 | 2.09000              |
| 1982              | 0.01700                            | 0.00000           | 0.01700    | 0.75750                   | 0.31000 <sup>e</sup> | Various              | 0.05000       | Various              | 0.38000                   | 0.42000 | 2.02000              |
| 1983              | 0.01300                            | 0.00000           | 0.01300    | 0.75750                   | 0.30700 <sup>e</sup> | Various              | 0.04620       | Various              | 0.24300                   | 0.49000 | 1.55890              |
| 1984              | 0.01200                            | 0.00000           | 0.01200    | 0.41949                   | 0.14080 <sup>e</sup> | Various              | 0.04696       | Various              | 0.25020                   | 0.49000 | 1.64000              |
| 1985              | 0.10000                            | 0.00000           | 0.10000    | 0.41940                   | 0.14410              | Various              | 0.04380       | 0.18000 <sup>e</sup> | 0.25410                   | 0.49000 | 1.88450              |
| 1986              | 0.00970                            | 0.00000           | 0.00970    | 0.41000                   | 0.15440              | Various              | 0.04800       | 0.18188 <sup>e</sup> | 0.28700                   | 0.48000 | 2.01550              |
| 1987              | 0.00970                            | 0.00000           | 0.00970    | 0.41000                   | 0.17370              | Various              | 0.04750       | 0.18674 <sup>e</sup> | 0.36010                   | 0.47000 | 1.93600              |
| 1988              | 0.00970                            | 0.00000           | 0.00970    | 0.41000                   | 0.06560              | Various              | 0.06560       | 0.20241 <sup>e</sup> | 0.40900                   | 0.28500 | 2.03000              |
| 1989 <sup>b</sup> | 0.00970                            | 0.00000           | 0.00970    | 0.42062                   | 0.53625              | Various              | 0.07000       | 0.21432 <sup>e</sup> | 0.38744                   | 0.28500 | 2.06000              |
| 1990 <sup>b</sup> | 0.00970                            | 0.00000           | 0.00970    | 0.47701                   | 0.31774              | Various              | 0.08790       | 0.22670 <sup>e</sup> | 0.41000                   | 0.28500 | 2.25750              |

| Fiscal Year       | Hays County <sup>b</sup> |         |         | Medina County <sup>b</sup> |         |         | Uvalde County <sup>b</sup> |         |         |
|-------------------|--------------------------|---------|---------|----------------------------|---------|---------|----------------------------|---------|---------|
|                   | City                     | County  | Schools | City                       | County  | Schools | City                       | County  | Schools |
| 1981              | 1.03000                  | 0.42000 | 1.05000 | 0.54000                    | 0.45000 | 0.80000 | N/A                        | N/A     | N/A     |
| 1982              | 0.65000                  | 0.15000 | 0.77000 | 0.54000                    | 0.50000 | 0.85000 | 0.25000                    | 0.18780 | 0.62000 |
| 1983              | 0.68000                  | 0.16500 | 0.81000 | 0.62000                    | 0.50000 | 0.85000 | 0.29900                    | 0.20750 | 0.72000 |
| 1984              | 0.76000                  | 0.16500 | 0.80000 | 0.62000                    | 0.50000 | 0.85000 | 0.29900                    | 0.21370 | 0.72000 |
| 1985              | 0.76000                  | 0.21000 | 0.95000 | 38.50000                   | 0.30000 | 0.53000 | 0.36780                    | 0.22120 | 0.72000 |
| 1986              | 0.49000                  | 0.19170 | 0.73350 | 36.57000                   | 0.29000 | 0.60000 | 0.34000                    | 0.26390 | 0.72000 |
| 1987              | 0.49000                  | 0.25950 | 0.83090 | 36.76000                   | 0.32400 | 0.60000 | 0.34000                    | 0.25860 | 0.72000 |
| 1988              | 0.58200                  | 0.26954 | 1.03990 | 37.16000                   | 0.39070 | 0.72000 | 0.35710                    | 0.17550 | 0.72000 |
| 1989 <sup>b</sup> | 0.54820                  | 0.26954 | 1.03990 | 37.16000                   | 0.39070 | 0.72000 | 0.35710                    | 0.21755 | 0.72000 |
| 1990 <sup>b</sup> | 0.59720                  | 0.32780 | 1.12000 | N/A                        | N/A     | N/A     | N/A                        | N/A     | N/A     |

**NOTES:**

<sup>a</sup> Source: City of San Antonio, Texas.

<sup>b</sup> Source: Information obtained from respective taxing entity.

<sup>c</sup> This information represents a seven-month tax year due to change in fiscal year.

<sup>d</sup> This information represents eleven (11) independent school districts.

<sup>e</sup> From 1981 to 1984, Bexar County Hospital District is included in the "County" column. As of 1985, Bexar County Hospital District is accounted for in the "Other" column.

<sup>f</sup> This information represents two (2) independent school districts.

**DEMOGRAPHIC STATISTICS\***

Last Ten Fiscal Years

| Fiscal Year | Population <sup>a</sup> | Per Capita Income <sup>b</sup> | Median Age | Education Levels in Years of Formal Schooling <sup>a</sup> | School Enrollment <sup>c</sup> | Unemployment Rate <sup>d</sup> |
|-------------|-------------------------|--------------------------------|------------|--|--------------------------------|--------------------------------|
| 1981        | 796,500                 | 6,936                          | 27.3       | 12.4   | 192,772                        | 5.8%                           |
| 1982        | 817,200                 | 6,936                          | 27.5       | 12.6   | 192,365                        | 6.6%                           |
| 1983        | 832,000                 | 7,619                          | 27.8       | 12.7   | 191,742                        | 6.2%                           |
| 1984        | 849,500                 | 8,746 <sup>a</sup>             | 28.0       | 12.9   | 194,274                        | 4.9%                           |
| 1985        | 869,100                 | 8,746 <sup>a</sup>             | 28.3       | 13.1   | 198,109                        | 6.0%                           |
| 1986        | 911,400                 | 9,219 <sup>a</sup>             | 28.5       | 13.2   | 216,095                        | 8.2%                           |
| 1987        | 936,000                 | 9,679 <sup>a</sup>             | 28.7       | 13.3   | 217,284                        | 8.0%                           |
| 1988        | 946,800                 | 8,499 <sup>a</sup>             | 28.9       | 13.4   | 225,167                        | 8.0%                           |
| 1989        | 956,200                 | 8,499 <sup>a</sup>             | 29.1       | 13.5   | 227,843                        | 8.0%                           |
| 1990        | 982,000                 | 8,779 <sup>a</sup>             | 29.3       | 13.6   | 228,043                        | 7.8%                           |

<sup>a</sup> Source: Planning Department, City of San Antonio, Texas.

<sup>b</sup> Source: United States Office of Revenue Sharing.

<sup>c</sup> Source: Individual school districts' annual enrollment census.

<sup>d</sup> Source: Texas Employment Commission.

\* Demographic statistics provided by the City of San Antonio, Texas which as of the 1980 census represented 73% of the total population for Bexar County. All of Bexar County accounted for 89.87% of total population in Edwards Underground Water District. Remaining counties accounted for population percentages as follows: Comal County - 3.27%; Hays County - 3.66%; Medina County - 2.08%; Uvalde County - 1.12%. Medina and Uvalde Counties withdrew from the District effective March 1, 1989.

**PROPERTY VALUE, CONSTRUCTION AND BANK DEPOSITS\***

Last Ten Fiscal Years

(In thousands)

| Year <sup>d</sup> | Commercial Construction |                    | Residential Construction |                    | Total Bank Deposits <sup>b</sup> | Clearings <sup>b</sup>  | Total Assessed Value <sup>c</sup> |
|-------------------|-------------------------|--------------------|--------------------------|--------------------|----------------------------------|-------------------------|-----------------------------------|
|                   | Permits <sup>a</sup>    | Value <sup>a</sup> | Permits <sup>a</sup>     | Value <sup>a</sup> |                                  |                         |                                   |
| 1980              | 7,858                   | 227,191            | 8,271                    | 216,779            | 4,271,610                        | 33,863,636              | 2,870,534                         |
| 1981              | 8,432                   | 301,827            | 7,377                    | 207,213            | 4,949,132                        | 38,466,301              | 6,311,658                         |
| 1982              | 9,044                   | 306,930            | 8,950                    | 291,685            | 5,719,169                        | 40,290,600              | 6,745,691                         |
| 1983              | 9,422                   | 463,482            | 10,083                   | 325,645            | 6,545,426                        | 35,201,353              | 16,023,808                        |
| 1984              | 9,328                   | 507,948            | 9,311                    | 246,617            | 8,013,516                        | 34,711,928              | 17,057,305                        |
| 1985/86           | 8,526                   | 411,893            | 7,287                    | 160,501            | 8,267,343                        | 34,106,035              | 21,575,296                        |
| 1986/87           | 8,390                   | 539,489            | 6,278                    | 99,300             | 8,395,801                        | 43,615,528              | 23,783,375                        |
| 1987/88           | 8,262                   | 294,073            | 5,597                    | 76,428             | 6,748,329 <sup>e</sup>           | 43,041,090 <sup>e</sup> | 25,364,328                        |
| 1988/89           | 8,232                   | 346,708            | 5,116                    | 70,824             | 5,744,702 <sup>e</sup>           | 30,515,725 <sup>e</sup> | 25,025,657                        |
| 1989/90           | 7,808                   | 235,204            | 5,115                    | 74,374             | 4,839,985 <sup>e</sup>           | 41,501,548 <sup>e</sup> | 23,997,762                        |

<sup>a</sup> Source: Building Inspections Department, City of San Antonio, Texas.

<sup>b</sup> Source: Greater San Antonio Chamber of Commerce, San Antonio, Texas.

<sup>c</sup> Source: Finance Department, City of San Antonio, Texas.

<sup>d</sup> Information provided for 1980-1984 represents data based on a calendar year basis. Commencing with 1985/86, the information is provided on a fiscal year basis.

<sup>e</sup> Bank deposits and clearings decreased as NCNB Banks reporting through a Dallas, Texas clearing house instead of the local clearing house in San Antonio, Texas.

\* Demographic statistics provided by the City of San Antonio, Texas which as of the 1980 census represented 73% of the total population for Bexar County. All of Bexar County accounted for 89.87% of total population in Edwards Underground Water District. Remaining counties accounted for population percentages as follows: Comal County - 3.27%; Hays County - 3.66%; Medina County - 2.08%; Uvalde County - 1.12%. Medina and Uvalde Counties withdrew from the District effective March 1, 1989.



**PRINCIPAL TAXPAYERS<sup>a</sup>**

September 30, 1990

| Taxpayer                    | Type of Business            | 1990<br>Assessed<br>Valuation | Percentage of<br>Total Assessed<br>Valuation |
|-----------------------------|-----------------------------|-------------------------------|--|
| Southwestern Bell Telephone | Telephone Utility           | \$ 550,503,990                | 1.57%  |
| U.S.A.A.                    | Insurance                   | 294,875,076                   | .84%   |
| H.E. Butt                   | Grocery Chain               | 270,234,450                   | .77%   |
| Humana Hospital Corp.       | Health Care Services        | 132,835,760                   | .38%   |
| LeFarge Co.                 | Industrial Plant            | 56,031,120                    | .16%   |
| Wal-Mart                    | Distribution Center         | 45,091,922                    | .13%   |
| West Point Pepperell        | Industrial Center           | 37,430,349                    | .11%   |
| Kroger DBA Peyton Ind.      | Grocery Distribution Center | 24,083,000                    | .07%   |
| National Oilwel             | Valve Manufacturer          | 13,174,918                    | .04%   |
| San Marcos Telephone Co.    | Telephone Utility           | 10,011,917                    | .03%   |
| <b>TOTAL</b>                |                             | <b>\$1,434,272,502</b>        | <b>4.09%</b>                                 |

<sup>a</sup> Source: Taxing entities from Bexar, Comal, and Hays Counties.**MISCELLANEOUS STATISTICS**

September 30, 1990

|                               |   |
|-------------------------------|---|
| District Created Under        | Vernon's Civil Statutes, Article 8280-219                               |
| Date Created                  | April 28, 1959  |
| Domicile                      | San Antonio, Texas  |
| Last Revision of Enabling Act | 1989  |
| Population of District        | 1,170,000 Bexar County (1986 Census Bureau est.)                        |
| Member Counties               | Bexar, Comal, and Hays.   |
| Number of Employees           | 27  |
| Area of Edwards Aquifer       | 3,600 square miles, 180 miles long from west to east, 5-30 miles wide   |
| Average Annual Recharge       | 628,000 ac. ft. (for period 1934-89)                                    |
| 5-Year Average Discharge      | 854,420 ac. ft. (for period 1985-89)                                    |
| Water Level Record High       | 699.2 feet above sea level, June 1987, recorded at San Antonio, Texas   |
| Water Level Record Low        | 612.5 feet above sea level, August 1956, recorded at San Antonio, Texas |

**DAMS:**

|                       |   |
|-----------------------|---|
| <b>Seco Creek Dam</b> |   |
| Completed             | October 21, 1982  |
| Location              | 20 miles north of D'Hanis, Medina County, Texas         |
| Capacity              | 2 ac. ft.   |
| Avg. Annual Recharge  | 2,478 ac. ft.   |
| Structure Size        | 13 ft. high x 310 ft. long                              |
| Elevation             | 1201.0 ft. above Mean Sea Level (MSL) at spillway crest |
| Purpose               | Recharge to the Edwards Aquifer                         |

|                      |   |
|----------------------|---|
| <b>Parker Dam</b>    |   |
| Completed            | April 20, 1984                                  |
| Location             | 10 miles north of D'Hanis, Medina County, Texas |
| Capacity             | 200 ac. ft.                                     |
| Avg. Annual Recharge | 600 ac. ft.                                     |
| Structure Size       | 48 ft. high x 1500 ft. long                     |
| Elevation            | 1038.7 ft. above MSL at top of dam              |
| Purpose              | Recharge to the Edwards Aquifer                 |

|                               |   |
|-------------------------------|---|
| <b>Middle Verde Creek Dam</b> |   |
| Completed                     | April 24, 1978                                |
| Location                      | 12 miles north of Hondo, Medina County, Texas |
| Capacity                      | 150 ac. ft.                                   |
| Avg. Annual Recharge          | 961 ac. ft.                                   |
| Structure Size                | 16 ft. high x 36 ft. long                     |
| Elevation                     | 1046.5 ft. above MSL at spillway crest        |
| Purpose                       | Recharge to the Edwards Aquifer               |

|  |   |
|--|---|
| <b>San Geronimo Creek Recharge Dam</b> |   |
| Completed                              | November 13, 1979                                     |
| Location                               | 8 miles northwest of Rio Medina, Medina County, Texas |
| Capacity                               | 271 ac. ft.   |
| Avg. Annual Recharge                   | 621 ac. ft.   |
| Structure Size                         | 22 ft. high x 474 ft. long                            |
| Elevation                              | 1030.6 ft. above MSL at spillway crest                |
| Purpose                                | Recharge to the Edwards Aquifer                       |



**EDWARDS UNDERGROUND WATER DISTRICT**

**1615 N. St. Marys  
P.O. BOX 15830  
SAN ANTONIO, TEXAS 78212  
512 222-2204**

