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AGREEMENT BETWEEN KENDALL COUNTY UTILITY COMPANY AND TAPATIO SPRINGS SERVICE COMPANY, INC. AND GUADALUPE-BLANCO RIVER AUTHORITY

This Agreement Between Kendall County Utility Company and Tapatio Springs Service Company, Inc. and Guadalupe-Blanco River Authority (this "Agreement") is made and entered into as of the 18 day of March , 2002, by and between Kendall County Utility Company and Tapatio Springs Service Company, Inc. (jointly referred to as "Customer"), and the Guadalupe-Blanco River Authority ("GBRA"), a conservation and reclamation district and political subdivision of the State of Texas created pursuant to Article XVI, Section 59 of the Texas Constitution by special act of the Legislature, formerly compiled at Article 8280-106, Vernon's Annotated Civil Statutes.

RECITALS

This Agreement provides for the development, permitting, design, financing, construction and operation of a treated water supply project to serve portions of Comal, Kendall and Bexar Counties.

The development of a treated surface water supply is important to meet the current and future water needs of residents within GBRA's ten-county statutory service area, which includes Comal and Kendall Counties. The development of a surface water supply project to serve portions of Comal and Kendall Counties can also serve as part of a larger regional system which provides water supplies to meet future demands in a portion of Bexar County.

Customer holds certificate of convenience and necessity nos. 11904 (Kendall) and 12122 (Tapatio) which authorize Customer to provide retail water service within the territory shown by the map attached as Exhibit 2.

GBRA holds the right to store water in and use water from Canyon Reservoir under Certificate of Adjudication No. 18-2074C. This Agreement sets forth terms and conditions agreed upon by Customer and GBRA relating to the diversion and treatment of raw water from Canyon Reservoir, and the conveyance and delivery to Customer of that treated water.

AGREEMENT

For and in consideration of the mutual promises, covenants, obligations, and benefits described in this Agreement, and other good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, GBRA and Customer agree as follows:

ARTICLE I

DEFINITIONS

"Acre-Foot" means that volume defined by an area of one acre, one foot deep. One acre-foot of water equals 325,851 gallons.

"Annual Commitment" for any calendar year means the maximum amount of treated water that GBRA shall be obligated to deliver to Customer during that year as specified in Section 4.4 of this Agreement.

"Annual Debt Service Requirement" means the total principal and interest scheduled to come due on all Bonds during each twelve month period ending on August 31 of each year, plus a debt service coverage factor as determined by GBRA and provided by the Bond Resolution but not to exceed 10% of such principal and interest unless GBRA and Customer mutually agree upon a greater percentage, less interest to be paid out of Bond proceeds as permitted by the applicable Bond Resolution, if any.

"Annual Operation and Maintenance Requirement" means the total amount budgeted by GBRA for each twelve month period ending on August 31 of each year to pay all estimated Operation and Maintenance Expenses for the Project.

"Annual Miscellancous Bond Requirement" means the total amount determined by GBRA for each twelve month period ending on August 31 of each year to be required to pay the following:

- (1) the amount of any debt service reserve and contingency funds required to be established and maintained by the provisions of the Bond Resolution which are not otherwise provided from proceeds of Bonds;
- (2) an amount in addition thereto sufficient to restore any deficiency in any of such funds required to be accumulated and maintained by the provisions of the Bond Resolution;
- (3) any amounts due under a reimbursement agreement between GBRA and any credit facility provider providing a credit facility issued to cause the balance on deposit in any debt service reserve funds to satisfy the requirements of the Bond Resolution; and

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(4) any charges of the bank or banks where the Bonds are payable.

"Bonds" means all bonds and other obligations issued and outstanding from time to time by GBRA to finance or refinance the costs of construction, acquisition, repair, improvements and upgrading related to the Initial Project and any extension, expansion, maintenance, repair, improvement, upgrade or other modification of the Project including, without limitation of the generality of the foregoing, any costs necessary or desirable to maintain or increase the Plant Initial Daily Capacity and comply with applicable laws, rules and regulations relating to the supply of potable water.

"Bond Resolution" means the resolution or resolutions approved by the Board of Directors of GBRA which authorize the issuance of each series of Bonds, including all amendments related thereto.

"Customer's Commencement Month" means the month during which Customer's System is connected to the Project

"Customer's Debt Service Component" means the component of the price for treated water to be paid by the Customer as determined and described in Section 6.2 of this Agreement.

"Customer's Debt Service Percentage" for any month means the quotient, expressed as a percentage, equal to the Customer's Required Monthly Treated Water Purchase for that month, divided by the Plant Monthly Capacity for that month.

"Customer's Miscellaneous Bond Requirements Component" means the component of the price for treated water to be paid by the Customer as determined and described in Section 6.4 of this Agreement.

"Customer's Operation and Maintenance Percentage" for any month means the quotient, expressed as a percentage, equal to the amount of treated water actually delivered to Customer during that month, divided by the Plant Current Monthly Capacity for that month.

"Customer's Operation and Maintenance Component" means the component of the price for treated water to be paid by the Customer as determined and described in Section 6.3 of this Agreement.

"Customer's Raw Water Component" means the component for the charge for raw water to be paid by the Customer as determined and described in Section 6.3 of this Agreement.

"Customer's Required Monthly Raw Water Purchase" for any month means the amount of raw water that the Customer is obligated to pay for that month, as specified in Section 6.1(c) of this Agreement.

"Customer's Required Monthly Treated Water Purchase" for any month means the amount of treated water from the Project that the Customer is obligated to pay for that month, as specified in Section 6.1(b) of this Agreement.

"Daily Commitment" in effect for any calendar year means the maximum amount of treated water that GBRA shall be obligated to deliver to Customer on a constant basis over any 24-hour period during that year, as specified in Section 4.5 of this Agreement.

"District-Wide Raw Water Rate" at any time is the rate charged by GBRA at that time for stored water from Canyon Reservoir for use within GBRA's ten-county statutory district. The present rate is \$69.00 per acre-foot per year.

"GBRA's Application to Amend the Canyon Certificate" means that certain application filed by GBRA with the TNRCC identified in Section 5.2 of this Agreement, as such application may be amended by GBRA.

"Initial Project" means the surface water supply project described in Section 2.1 of this Agreement, as such project is further defined, constructed, upgraded and maintained pursuant to the terms of this Agreement.

"mgd" means million gallons per day.

"Operation and Maintenance Expenses" means all costs and expenses of operation and maintenance of the Project, including (for greater certainty but without limiting the generality of the foregoing) repairs and replacements which are not paid from a special fund created in the Bond Resolutions or other Project debt instruments, employee salaries, benefits and other expenses, the cost of utilities, the costs of supervision, engineering, accounting, auditing, legal services, other services, supplies, charges by GBRA for administrative and general expenses, and equipment necessary for proper operation and maintenance of the Project.

"Other Customer" means another customer of GBRA's for the supply of treated water from the Project, regardless of when GBRA and the customer enter into the contract for the supply of such water.

"Plant" means the water treatment plant that is included as part of the Project, described generally in Section 2.1 of this Agreement.

"Plant Current Monthly Capacity" for any month means the Plant Daily Capacity during that month, times the number of days during that month.

"Plant Daily Capacity" at any time means the amount of water which the Plant is designed to treat on an average daily basis, based on standards that exist at that time, expressed in terms of million gallons per day, as certified by the General Manager of GBRA and provided in writing to

the Customer and all Other Customers or, if GBRA determines that the entire amount should not be committed, the portion of such amount that GBRA determines should be committed.

"Plant Initial Daily Capacity" means the appropriate Plant Daily Capacity for the Initial Project, as determined by GBRA pursuant to Section 2.4 of this Agreement.

"Plant Initial Monthly Capacity" for any month means the Plant Initial Daily Capacity times the number of days during that month.

"Point of Delivery" means the point on the Project's treated water conveyance system at which treated water is to be delivered to Customer, as such point is identified in Section 4.2 of this Agreement.

"Point of Diversion" means the point on the perimeter of Canyon Reservoir at which raw water to which Customer is entitled under this Agreement is diverted for supply to the Plant under this Agreement, as such point is identified in Section 2.1 of this Agreement.

"Project" at any time means the Initial Project, together with any and all extensions, expansions or other modifications, as it or they exist at that time.

"Project Management Committee" means the committee established pursuant to Section 7.1 of this Agreement.

"Raw Water Reservation" means the maximum amount of raw water that GBRA shall be obligated to reserve for diversion, treatment and delivery to Customer in any calendar year as specified in Section 4.3 of this Agreement.

"Termination Date" means the expiration date of the term of this Agreement, as defined in Section 8.1 of this Agreement.

"TNRCC" means the Texas Natural Resource Conservation Commission.

ARTICLE II

DESIGN, CONSTRUCTION AND OPERATION OF THE PROJECT

Section 2.1 Description of the Initial Project.

The Initial Project will consist of facilities for the diversion of raw water from Canyon Reservoir, a water treatment plant (the "Plant"), facilities to convey the raw water after diversion from Canyon Reservoir to the Plant, and facilities to convey treated water from the Plant for use in areas within portions of Comal, Kendall and Bexar Counties. The scope and capacity of the Initial Project will depend upon which other entities enter into contracts with GBRA for the supply of treated water before the design of the Initial Project is finalized as set forth in this Agreement, the amounts of water contracted to be supplied to each, and other factors such as the timing and outcome of GBRA's applications for permits, amendments to permits or other governmental authorizations required for the Initial Project or portions thereof. In any case, the Initial Project may also include storage and other facilities necessary or desirable for the supply of treated water to GBRA's customers. The Initial Project also includes all lands and interests in lands necessary or desirable for the construction, operation and maintenance of Initial Project facilities. The Initial Project is further described by the map and facility plan attached as Exhibit 1 showing the general location of the point of diversion from Canyon Reservoir and the general routings of treated water conveyance facilities.

Section 2.2 GBRA Responsibilities.

- (a) GBRA shall be responsible for the design, permitting, financing, construction, operation and maintenance of the Initial Project.
- (b) GBRA will select and retain all legal, financial, engineering and other consultants that GBRA determines are necessary or desirable for GBRA to satisfy its obligations under this Agreement.

Section 2.3 Ownership of Project.

- (a) Except as provided otherwise in subsection (b), below, GBRA shall own all facilities, lands and interests in land comprising the Project.
- (b) If the Project extends into Bexar County, then GBRA may transfer title to any facilities, lands and interests in lands within Bexar County comprising a portion of the Project to one or more other Participants who may be so entitled pursuant to the tenns of its or their contracts with GBRA, but only after the Bonds have been fully retired, or redeemed; provided, however, if the portion of the Project to be transferred is used to deliver water to Customer, GBRA may not transfer that portion of the Project used to deliver water to Customer until Customer consents to the transfer or this Agreement has terminated.

Section 2.4 Preliminary Design and Cost Estimate.

- (a) GBRA will determine the appropriate Plant Initial Daily Capacity, taking into account the total amount of water required to be treated and delivered under this Agreement and all other contracts that have been entered into at that time with Other Customers, as well as any other information that GBRA considers relevant. GBRA will also prepare a preliminary design and cost estimate of the Initial Project (the "Basis of Design Report, including amendments thereto approved by the GBRA Board of Directors"), and will provide copies to Customer and all Other Customers. GBRA will then proceed with final design, acquisition, construction and financing of the Initial Project.
- (b) Customer shall have the right to terminate this Agreement by giving GBRA written notice of termination within 30 days after GBRA delivers Basis of Design Report, as amended, to Customer pursuant to subsection (a) of this Section.
- (c) At any time before GBRA sells any of its Bonds, GBRA shall have the right to terminate this Agreement for any reason by giving Customer written notice of termination; provided, however, GBRA will not discriminate against Customer in regards to the termination of contracts relating to the Project and will not grant preferential treatment to other persons in regards to the termination of this Agreement.

Section 2.5 Preparation of Plans and Specifications; Competitive Blds.

- (a) GBRA will cause to be prepared plans, specifications and contract documents for construction of all facilities comprising the Initial Project. Plans and specifications for any portion of the Initial Project shall be subject to approval by the GBRA General Manager, after which GBRA will advertise for competitive bids for construction of that portion and GBRA shall determine which construction bid or bids to accept.
- (b) If GBRA determines that the total amount of the projected costs of the Initial Project may exceed or will exceed the estimated construction costs stated in the Basis of Design Report, as amended, by ten percent or more, GBRA will notify Customer.

Section 2.6 Financing of Project.

(a) If GBRA determines to proceed with the Initial Project, GBRA may finalize the terms and conditions (including maturity) of GBRA's Bonds necessary to finance the design, acquisition, construction and testing of all facilities, lands and interests in lands comprising the portion of the Initial Project being constructed. GBRA will prepare such data, materials and documents as may be necessary to facilitate the sale and delivery of the Bonds, and Customer agrees to furnish GBRA with such data, projections and related information as may reasonably be required by GBRA in the sale of the Bonds in compliance with all applicable laws, rules and regulations. In addition to the

amounts paid under the construction contract or contracts, the proceeds of the Bonds will also be used to pay additional costs such as Initial Project development costs (including, without limitation, preliminary engineering costs, employee salaries, benefits and other expenses, legal, and other advisory fees, charges by GBRA for administrative and general expenses, insurance premiums, if any, and any other costs incurred in developing and pursuing information, contracts and permit applications related directly to the Initial Project), land acquisition costs, interest during construction, employee salaries, benefits and other expenses, printing costs, engineering, legal, financial and other advisory fees, charges by GBRA for administrative and general expenses, insurance premiums, if any, and any other costs incurred in the issuance of the Bonds and in the design, acquisition, construction and testing of the facilities, lands, and interests in lands comprising the Initial Project.

(b) GBRA shall be authorized from time to time to issue Bonds to refund outstanding Bonds or otherwise refinance costs of the Initial Project. Such refunding Bonds may be issued without approval from the Customer.

Section 2.7 Extensions or Other Modifications of Project.

GBRA may extend, expand, maintain, repair, improve, upgrade or otherwise modify the Project from time to time, as it determines to be necessary or desirable. GBRA shall be authorized from time to time to issue Bonds for any such expansion, maintenance, repair, improvement, upgrade or other modification of the Project. Such Bonds may be issued without approval from the Customer. Customer shall not be liable under this Agreement for any portion of the costs of construction of new facilities in addition to those facilities initially constructed as the Initial Project, except replacement facilities or facilities that are necessary or desirable to maintain the Plant Initial Daily Capacity or comply with applicable state or federal laws, rules and regulations relating to the supply of potable water. Participant shall be liable for its share of Operation and Maintenance Expenses of the Project as it may exist at any time, based on the Plant Daily Capacity at that time and the amount of treated water actually delivered to Customer during the month, as set forth in this Agreement.

Section 2.8 Additional Customers.

GBRA may enter into contracts with new Other Customers to supply treated water from the Project, and may amend existing contracts with Other Customers to supply greater or lesser amounts of treated water from the Project, at any time and from time to time, so long as GBRA's obligations to Customer under this Agreement continue to be satisfied.

Section 2.9. Plant Capacity.

The Initial Project will be sized to divert, treat, and deliver to the Point of Delivery the entire amount of Customer's Raw Water Reservation less reasonable amounts, not to exceed 5%, for

losses during treatment and transmission. This capacity will be available for use by GBRA to meet Customer's demands for treated potable water to the extent limited by this Agreement regardless of the provisions of Section 2.8.

ARTICLE III

CONNECTION FEE; DEADLINE FOR CONNECTION

Section 3.1 Connection Fee.

Upon execution of this Agreement, Customer shall pay GBRA a connection fee of \$25,000, which shall allow Customer the right, until December 31, 2005, (the "Connection Deadline") to have GBRA connect the potable water distribution system serving Customer's service area defined in Exhibit 2 ("Customer's System") to the Project at the Point of Delivery in accordance with the terms of this Agreement. The connection fee is based on the Raw Water Reservation, as set forth in the schedule attached hereto as Exhibit 3. GBRA may modify the schedule attached as Exhibit 3 from time to time, and such modified schedule shall be applicable to any new agreement or amendment to this Agreement entered into by the parties after the date of adoption of the modified schedule by the GBRA.

Section 3.2 Connection by GBRA.

- (a) Customer shall be responsible, at its sole cost, for extending Customer's System to the Point of Delivery. GBRA shall not be required to obtain any lands or interests in land that may be needed by Customer to extend Customer's System to the Point of Delivery.
- (b) Connection of Customer's System to the Project at the Point of Delivery shall be made by GBRA upon the written request of Customer, in accordance with plans, specifications and requirements prepared or adopted by GBRA; provided, however, that GBRA shall not be required to connect or allow Customer to connect Customer's System to the Project at the Point of Delivery at any time unless, on the date of Customer's written request: (i) the Project was in operation; and (ii) Customer held a valid and effective certificate of convenience and necessity from the TNRCC authorizing Customer to provide potable water service to all areas within Customer's Service Area defined in Exhibit 2. Connection shall be accomplished by GBRA setting the meter at the Point of Delivery.
- (c) In addition to payment of the connection fee, Customer shall also pay all costs associated with connecting Customer's System to the Project at the Point of Delivery including, without limitation, all costs of design, construction, installation, operation and maintenance of all connection facilities and equipment, including one or more meters, valves, and telemetry equipment.

Section 3.3 Termination if Connection is Not Made by Deadline.

- (a) If Customer's System is not connected to the Project at the Point of Delivery before the Connection Deadline, then GBRA shall have the right to terminate this Agreement by giving written notice of termination to Customer unless Customer requested in writing before such notice is given that GBRA make such connection and, on the date of the request: (i) the Project was in operation; and (ii) Customer held a valid and effective certificate of convenience and necessity from the TNRCC authorizing Customer to provide potable water service to all areas within Customer's Service Area defined in Exhibit 2. If the Project is not in operation on the Connection Deadline or the delay in making the connection is attributable to GBRA, the City of Boerne, or to some other person or event other than the sole delay by Customer, GBRA may not terminate this Agreement if Customer is ready and able to connect.
- (b) Regardless of Section 3.3(a) above, GBRA waives the right to terminate this Agreement pursuant to Section 3.3(a) above if and for so long as Customer pays the monthly payments required by this Contract.

Section 3.4 Refund of Connection Fee.

Customer shall be entitled to a refund of the connection fee paid by Customer pursuant to Section 3.1, above, if: (i) this Agreement is terminated by GBRA pursuant to Section 3.3 and the Project was not completed and in operation on the date of termination; or (ii) GBRA terminates this Agreement prior to the Connection Deadline for some reason other than default by the Customer.

ARTICLE IV

SUPPLY OF TREATED WATER

Section 4.1 <u>Diversion, Treatment and Delivery of Water to Customer.</u>

After completion of construction of the Initial Project and commencing upon connection of Customer's System to the Project at the Point of Delivery, GBRA shall divert from Canyon Reservoir at the Point of Diversion and convey to the Plant raw water, and treat such water and convey and deliver treated water to Customer at the Point of Delivery in amounts and at delivery rates as may be requested by Customer, subject to the limitations provided in this Agreement.

Section 4.2 Point of Delivery.

(a) The Point of Delivery for all treated water supplied by GBRA to Customer under this Agreement shall be as shown on Exhibit 1.

- (b) GBRA and Customer agree that the Point of Delivery shall be the point at which treated water is supplied through the meter prior to Customer's storage tank. Customer shall be responsible for all costs of design and construction of such additional facilities. Customer shall further acquire and convey to GBRA, at no cost to GBRA, all necessary lands or interests in lands on which such additional facilities are to be located. GBRA shall not be required to obtain any such lands or interests in land
- GBRA, or any flow of any other water or other substance, from Customer's system to the Project at the Point of Delivery. If Customer fails to install, operate or maintain any facilities needed for such purpose within 10 days after GBRA gives Customer notice to do so, then GBRA may design, install, construct, maintain and operate such facilities, and Customer shall be solely responsible for the costs thereby incurred by GBRA.
- Oelivery and to have Boerne receive and transport Customer water to a location to be designated by the City and the Customer. In the event Customer and Boerne do not enter into a contract for a common Point of Delivery and water transmission services, Customer may receive water from GBRA at either an additional or alternative Point of Delivery. The location(s) of the additional or alternative Point of Delivery will be at a location mutually acceptable to Customer and GBRA and absent an agreement to the contrary, GBRA and Customer agree that the location of the alternative/additional Point of Delivery depicted on Exhibit 1 is acceptable to both, provided Customer pays GBRA in accordance with this subsection. Customer will pay GBRA's actual costs of designing and constructing any additional facilities that may be necessary for the additional or alternative Points of Delivery and obtaining land and right of way and such costs shall not be included as a Project cost.
- (e) The parties agree that the system treated water will be discharged into a ground storage tank with an air gap of at least three feet within the tank and that the meters and other measuring devices will be located prior to the discharge into Customer's tank.

Section 4.3 Raw Water Reservation.

The Raw Water Reservation is the maximum amount of raw water that GBRA shall be obligated to reserve for diversion, treatment and delivery to Customer in any calendar year. The Raw Water Reservation shall be five hundred (500) acre-feet per year.

Section 4.4 Annual Commitment.

(a) The Annual Commitment for any calendar year is the maximum amount of treated water that GBRA shall be obligated to deliver to Customer during that year. The Annual

Commitment initially shall be 48.88 million gallons (150 ac-ft) per year, subject to increases as set forth in subsection (b), below.

(b) Customer may from time to time request that the Annual Commitment be increased commencing January 1 of a specified year, up to an amount not to exceed the Raw Water Reservation, by giving GBRA a written request for such increase before December 1 immediately preceding the January 1 on which the increase is requested to take effect. The Annual Commitment shall be increased commencing the specified January 1 as requested by Customer up to, but not to exceed, the Raw Water Reservation. The Annual Commitment in effect at any time shall continue in effect through the term of this Agreement unless and until it is increased pursuant to this subsection (b), and it may never be decreased without the written agreement of GBRA.

Section 4.5 Daily Commitment.

The maximum amount of treated water that GBRA shall be obligated to deliver to Customer over any 24-hour period (the "Daily Commitment") in effect for any calendar year shall be the Annual Commitment for that year divided by the number of days in that year. In the event GBRA allows any other customer or participant of the Project to obtain water on a daily basis in excess of the rate of delivery calculated in accordance with this paragraph, GBRA will provide Customer the opportunity to obtain service on the same basis.

Section 4.6 Maximum Delivery Rate and Pressure.

GBRA shall not be obligated to deliver treated water to Customer at any time during any calendar year at a rate in excess of that rate, expressed in gallons per minute, calculated by multiplying the Daily Commitment (in mgd) in effect for that year by 694.44. GBRA shall not be obligated to deliver treated water to Customer at any time during any calendar year at a pressure in excess of TNRCC minimum requirements.

Section 4.7 Purpose of Use.

All water delivered by GBRA to Customer under this Agreement shall be used for municipal and domestic purposes only, as such purposes of use are defined by Chapter 297.1 (16) and (30) of the Rules of the TNRCC, in effect on the date this Agreement is signed.

Section 4.8 Place of Use.

All water delivered by GBRA to Customer under this Agreement shall be used exclusively within Kendall County within Customer's service area defined in Exhibit 2, as the service area may be modified from time to time, and Customer may not use, or supply or resell for use, any water delivered by GBRA to Customer under this Agreement outside Customer's service area defined in Exhibit 2 unless, and except to the extent that, Customer obtains GBRA's prior written approval for use outside such service area. Customer is not prohibited from selling water from a different source.

GBRA shall not be required to supply any water to Customer for any period of time during which Customer does not have in effect a certificate of convenience and necessity from the TNRCC authorizing Customer to provide potable water service.

Section 4.9 Allocation of Water During Drought.

During severe drought conditions as may be defined by conservation or drought management plans adopted by GBRA, or in any other condition when water cannot be supplied to meet the demands of all customers, the water to be distributed shall be divided among all customers of stored water from Canyon Reservoir pro rata, according to the amount each may otherwise be entitled to under their respective contracts with GBRA, subject to teasonable conservation and drought management plans and requirements based on particular purposes of use of the water, so that preference is given to no one and everyone suffers alike. Commencement of a drought shall be initially defined as a period of 45 consecutive days when the inflow to Canyon Reservoir is 90 cfs average or less. GBRA may redefine commencement of a drought so long as the definition applies to all customers uniformly.

Section 4.10 Conservation.

GBRA and Customer each agrees to provide to the maximum extent practicable for the conservation of water, and each agrees that it will operate and maintain its facilities in a manner that will prevent waste of water. Customer further agrees to implement, to the extent allowed by law, water conservation and drought management plans applicable to the use of treated water from the Project that, at a minimum, comply with all minimum standards that may be required or recommended by the Texas Water Development Board (the "TWDB"), the TNRCC or GBRA. Such standards may include, but shall not be limited to, conservation rate incentives or surcharges to be imposed by Customer on its customers for use of water in excess of amounts that are determined by the TWDB, the TNRCC or GBRA to be adequate for essential indoor domestic uses, to the extent such incentives or surcharges may be allowed by law. GBRA required or recommended minimum standards under this section must apply to all of its customers uniformly. Customer shall not be obligated under this Agreement to implement water conservation and drought management plans that are more stringent than the water conservation and drought management plans that GBRA requires other participants and customers of the Project to implement.

Section 4.11 Water Quality.

(a) The sole source of raw water for the Project will be untreated water in Canyon Reservoir at the Point of Diversion. GBRA agrees to use reasonable diligence and care in treating water diverted from Canyon Reservoir at the Plant, as it may be expanded or otherwise modified by GBRA, and GBRA will use its best efforts to deliver to Customer water of quality that meets or exceeds the standards of the TNRCC or any other applicable regulatory agency for potable water.

- (b) GBRA shall periodically collect samples of treated water delivered to Customer and Other Customers and cause same to be analyzed consistent with guidelines established by the TNRCC using the then-current edition of Standard Methods for Examination of Water and Wastewater as published by the American Water Works Association and others.
- groundwater produced from Customer's wells producing from formations consisting of the Middle Trinity Aquifer and that the groundwater is disinfected with chlorine, and the ratio of treated and disinfected surface water to disinfected groundwater will vary from time to time. GBRA at the request of Customer and at the expense of Customer will install the treatment and disinfection processes required to reduce adverse taste and odor characteristics in the water, if any, delivered by Customer's system.

Section 4.12 Measurement of Water.

- (a) GBRA shall provide, operate, maintain, and read one or more meters which shall record treated water taken by Customer at the Point of Delivery. GBRA shall also provide, operate, maintain, and read one or more meters which shall record treated water taken by Other Customers receiving treated water from the Project at the points of delivery for them. GBRA shall also provide, operate, maintain, and read one or more meters which shall record the total amount of raw water diverted at Canyon Reservoir at the Point of Diversion and conveyed to the Plant. All meters shall be conventional types of approved meter(s).
- (b) For all purposes under this Agreement, the amount of raw water diverted from Canyon Reservoir by GBRA and conveyed to the Plant for Customer during any period of time shall be the greater of the following amounts:
 - (1) the amount of treated water delivered to Customer during that period of time, as measured at the Point of Delivery; or
 - (2) an amount of water determined by allocating the total amount of raw water diverted during that period of time, as measured at the Point of Diversion, pro rata, based on the amounts of treated water delivered to Customer and each Other Customer during that period of time.
- (c) GBRA shall keep accurate records of all measurements of water required under this Agreement, and the measuring device(s) and such records shall be open for inspection at all reasonable times. Measuring devices and recording equipment shall be accessible for adjusting and testing and the installation of check meter(s). If requested in writing but not less than once in each calendar year, GBRA shall calibrate its water meter(s) that record treated water taken by Customer

at the Point of Delivery. GBRA shall give Customer notice of the date and time when any such calibration is to be made and, if a representative of Customer is not present at the time set, calibration and adjustment may proceed in the absence of any representative of Customer.

- (d) If upon any test of the water meter(s), the percentage of inaccuracy of such metering equipment is found to be in excess of five percent (5%), registration thereof shall be corrected for a period extending back to the time when such inaccuracy began, if such time is ascertainable. If such time is not ascertainable, then registration thereof shall be corrected for a period extending back one-half (½) of the time elapsed since the last date of calibration, but in no event further back than period of six (6) months. If any meter(s) that record treated water taken by Customer at the Point of Delivery are out of service or out of repair so that the amount of water delivered cannot be ascertained or computed from the reading thereof, the water delivered through the period such meters(s) are out of service or out of repair shall be estimated and agreed upon by GBRA and Customer upon the basis of the best data available, and, upon written request and with reasonable advance notice, GBRA shall install new meters or repair existing meters and such cost shall be included as a Project cost. If GBRA and Customer fail to agree on the amount of water delivered during such period, the amount of water delivered may be estimated by:
 - (1) correcting the error if the percentage of the error is ascertainable by calibration tests or mathematical calculation; or
 - estimating the quantity of delivery by deliveries during the preceding periods under similar conditions when the meter or meters were registering accurately.

Section 4.13 Title to Water.

Title to and responsibility for all water supplied hereunder shall be in GBRA from the Point of Diversion to the Point of Delivery, at which point title to and responsibility for such water shall pass to Customer.

Section 4.14. Other Sources. Nothing in this Agreement is intended by the Parties to limit Customer's options to obtain water from other sources or to limit Customer's use of water from such other sources, nor shall this Agreement be deemed to have the effect of limiting Customer's options to obtain or use water from other sources.

ARTICLE V

PERMITTING AND OTHER REGULATORY REQUIREMENTS

Section 5.1 Applicable Laws and Regulations.

This Agreement is subject to all applicable federal, state, and local laws and any applicable ordinances, rules, orders, and regulations of any local, state, or federal governmental authority having jurisdiction. This Agreement is specifically subject to all applicable sections of the Texas Water Code and the rules of the TNRCC, or any successor agency.

Section 5.2 Cooperation.

Customer agrees to cooperate with GBRA in pursuing all permits and approvals that GBRA determines to be necessary or desirable for the Project, to complete and file all required reports, and to comply with all applicable laws, rules and regulations. Without limiting the generality of and in addition to the foregoing, Customer expressly agrees to support the granting, in whole, of that certain application filed by GBRA with the TNRCC on August 29, 1997, for various amendments to Certificate of Adjudication No. 18-2074C, as such application may be amended by GBRA ("GBRA's Application to Amend the Canyon Certificate").

Section 5.3 Agreement Canditioned upon Permitting.

- (a) GBRA's obligations under this Agreement are expressly conditioned upon GBRA obtaining the necessary permits, amendments to permits, licenses and other governmental authorizations to allow GBRA to construct and operate the Initial Project and supply treated water to Customer for use within Customer's Service Area as provided herein.
- (b) Without limiting the generality of the condition set forth in subsection (a), above, and in addition to that condition, GBRA's obligations under this Agreement are expressly conditioned upon:
 - (1) the granting, in whole, of GBRA's Application to Amend the Canyon Certificate;
 - (2) confirmation by the TNRCC in its order granting the amendment that neither the inflows authorized to be stored in Canyon Reservoir nor the total amount of water authorized to be used from Canyon Reservoir will be reduced in any way during any period of time, solely because water from Canyon Reservoir is being supplied from the Project for use in Bexar County; and
 - (3) confirmation by the TNRCC in its order granting the amendment that the terms, conditions and guidelines for allocation during drought set forth in

Section 4.9, above, will apply notwithstanding the fact that water from Canyon Reservoir is being supplied from the Project for use in Bexar County.

(c) If the TNRCC does not enter an order granting, in whole, GBRA's Application to Amend the Canyon Certificate and containing the confirmation provisions required pursuant to subsection (b), above, before January 1, 2002, or if it enters such an order before January 1, 2002 but the order does not become final and not appealable before that date, then GBRA and Customer each shall have the right, on that date or at any time thereafter, but only for so long as no such final and not appealable order of the TNRCC exists, to terminate this Agreement by giving written notice of termination to the other party.

Section 5.4 <u>Development Within Customer's Service Area.</u>

Customer agrees that the supply of water to Customer under this Agreement for use on any lands within a CCN in Kendall County shall be conditioned, to the extent allowed by law, on compliance, in the design, construction and operation of any building, facility, development or other improvement on such lands or other use of or activities on such lands or the treatment, disposal or reuse of wastewater generated on such lands, with all federal, state and local laws, rules and regulations relating to (i) protection of the quality of groundwaters or surface waters; (ii) recharge of aquifers; or (iii) drainage and flood control. Customer further agrees that, to the extent allowed by law, it will not supply any water supplied to Customer under this Agreement for use on any lands if and for so long as there is any material non-compliance, in the design, construction or operation of any building, facility, development or other improvement on such lands or other use of or activities on such lands or the treatment, disposal or reuse of wastewater generated on such lands, with any such laws, rules or regulations. At GBRA's request from time to time, Customer shall demonstrate to GBRA its compliance with the requirements of this Section 5.4. If Customer fails to comply with the requirements of this Section 5.4 with respect to Customer's supply of water for use on any lands, GBRA shall have available all remedies allowed by law including, without limitation, termination of this Agreement, or suspension or reduction of the supply of treated water under this Agreement until Customer demonstrates that compliance has been achieved; provided, however, GBRA will notify Customer of the violation and provide Customer a reasonable time to cure the violation. Customer will not be obligated to implement any requirement that GBRA does not require all other Project customers or participants to implement.

ARTICLE VI

CHARGES FOR WATER

Section 6.1 Charges.

- (a) The amount to be paid by Customer to GBRA each month under this Agreement shall be the sum of the following four components:
 - (1) Customer's Debt Service Component;
 - (2) Customer's Operation and Maintenance Component;
 - (3) Customer's Miscellaneous Bond Requirements Component; and
 - (4) Customer's Raw Water Component.
- (b) Customer's Required Monthly Treated Water Purchase for each month during any calendar year shall be 1/12th of the Annual Commitment for that year. Customer agrees to pay GBRA each month for Customer's Required Monthly Treated Water Purchase, in accordance with paragraphs (1) and (3) of subsection (a) of this Section, whether or not such amount, or any of it, is taken by Customer.
- (c) Customer's Required Monthly Raw Water Purchase for each month during any calendar year shall be 1/12th of the Raw Water Reservation. Customer agrees to pay GBRA each month for Customer's Required Monthly Raw Water Purchase, in accordance with paragraph (4) of subsection (a) of this Section, whether or not such amount, or any of it, is taken by Customer.
- (d) GBRA shall have the right to use all funds received by GBRA from Customer under this Agreement for any purpose or purposes desired by GBRA in GBRA's discretion.
- (c) All funds received by GBRA from Participant's Debt Service Component which constitute payment of the debt service coverage factor as a component of the Annual Debt Service Requirement shall be deposited by GBRA into a separate account, or shall be accounted for separately by GBRA in support of its "Water Resources Division" (of which the Project is or will be a part) for any of the following purposes: (1) paying the cost of improvements, enlargements, extensions, additions, replacements, or other capital expenditures related to the Water Resource Division, (2) paying the costs of unexpected or extraordinary repairs or replacements in connection with the Water Resource Division, (3) paying any bonds, loans or other obligations of the Water Resource Division, or (4) any other lawful purpose related to the cost of operations of the Water Resource Division.

Customer's Debt Service Component. Section 6.2

- Subject to the provisions of subsection (b), below, Customer's Debt Service Component for any month shall equal one-twelfth (1/12) of the product of the Annual Debt Service Requirement for that year multiplied by Customer's Debt Service Percentage for that month. For the purposes of determining Customer's Debt Service Percentage, the percentage will be the Customer's Daily Commitment as set forth in this Agreement as the numerator and the Plant Initial Daily Capacity as the denominator.
- If a debt service reserve fund is established by GBRA in the bond resolution to secure payment of debt service on the Bonds, the money on deposit in such debt service reserve fund will be used to pay the final debt service requirements on the Bonds when the remaining total outstanding debt service requirements on the Bonds equals the amount of money on deposit in such debt service reserve fund.

Customer's Operation and Maintenance Component. Section 6.3

Customer's Operation and Maintenance Component for any month shall equal one-twelfth (1/12) of the product of the Annual Operation and Maintenance Requirement for that year multiplied by Customer's Operation and Maintenance Percentage for that month.

Customer's Miscellaneous Bond Requirements Component. Section 6.4

Customer's Miscellaneous Bond Requirements Component for any month shall equal onetwelfth (1/12) of the product of the Annual Miscellaneous Bond Requirements for that year multiplied by Customer's Debt Service Percentage for that month. For the purposes of determining Customer's Debt Service Percentage, the percentage will be the Customer's Daily Commitment as set forth in this Agreement as the numerator and the Plant Initial Daily Capacity as the denominator.

Customer's Raw Water Component. Section 6.5

- Customer's Required Monthly Raw Water Purchase for each month during any calendar year shall be 1/12th of the Raw Water Reservation. Customer agrees to pay GBRA each month for Customer's Required Monthly Raw Water Purchase, in accordance with the following provisions of this Section 6.5, whether or not such amount, or any of it, is taken by Customer.
- Customer's Raw Water Component for each month beginning the earlier of January 2002 or the month immediately following the month in which an order of the TNRCC granting, in

whole, GBRA's Application to Amend the Canyon Certificate becomes final and not appealable, through the Termination Date, shall equal the product of Customer's Required Monthly Raw Water Purchase for each month times the District-Wide Raw Water Rate in effect that month; provided, however, that if Customer's payments under this subsection (c) extend for more than 36 months before GBRA is first able to deliver treated water to the Point of Delivery, then Customer's Raw Water Component beginning the 37th month through the month immediately preceding the month in which GBRA is first able to deliver treated water to the Point of Delivery shall equal one-half of the product of Customer's Required Monthly Raw Water Purchase each month times the District-Wide Raw Water Rate in effect that month.

The District-Wide Raw Water Rate may be changed by the GBRA Board of Directors at any time and from time to time. GBRA agrees to provide Customer with notice 60 days in advance of such changes, provided, however, GBRA's failure to provide Customer with such notice shall not in any manner effect Customer's obligation to pay such changed District-Wide Raw Water Rate in accordance with the terms of this Agreement.

Payments by Customer Unconditional. Section 6.6

GBRA and Customer recognize that the Bonds will be payable from and secured by a pledge of the sums of money to be received by GBRA from Customer under this Agreement and from Other Customers under similar contracts. In order to make the Bonds marketable at the lowest available interest rate, it is to the mutual advantage of GBRA and Customer that Customer's obligation to make the payments required hereunder be, and the same is hereby, made unconditional. All sums payable hereunder to GBRA shall, so long as any part of the Bonds are outstanding and unpaid, be paid by Customer without set-off, counterclaim, abatement, suspension or diminution except as otherwise expressly provided herein; and so long as any part of the Bonds are outstanding and unpaid, Customer shall not have any right to terminate this Agreement nor be entitled to the abatement of any payment or any reduction thereof nor shall the obligations hereunder of Customer be otherwise affected for any reason, it being the intention of the parties that so long as any portion of the Bonds are outstanding and unpaid, all sums required to be paid by Customer to GBRA shall continue to be payable in all events and the obligations of Customer hereunder shall continue unaffected, unless the requirement to pay the same shall be reduced or terminated pursuant to an express provision of this Agreement or pursuant to express written notice of GBRA.

Source of Payments from Customer. Section 6.7

All payments required to be made by Customer to GBRA under this Agreement shall be payable from any and all sources available to Customer, including without limitation, the income of Customer's System or debt issued by the Customer secured by the pledge of only the income of Customer's System.

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(b) Customer represents and covenants that all moneys required to be paid by Customer under this Agreement shall constitute an operating expense of Customer's System as authorized by the Constitution and laws of the State of Texas.

Section 6.8 Customer's Covenant to Maintain Sufficient Income.

Subject to any limitations imposed by TNRCC rules, Customer agrees to fix and maintain rates and collect charges for the facilities and services provided by Customer's System as will be adequate to permit Customer to make prompt payment of all expenses of operating and maintaining Customer's System, including payments under this Agreement and to make prompt payment of the interest on and principal of any obligations of Customer payable, in whole or in part, from the revenues of Customer's System. Customer further agrees to comply with all of the provisions of the obligations which are payable, in whole or in part, from the revenues of Customer's System.

Section 6.9 Billing.

GBRA will render bills to Customer once each month for the payments required by this Article. GBRA shall, until further notice, render such bills on or before the 10th day of each month and such bills shall be due and payable at GBRA's office indicated below by the 20th day of each month or fifteen (15) days after such bill is deposited into the United States mail, properly stamped, addressed and postmarked to Customer, whichever is later. GBRA may, however, by sixty (60) days written notice change the monthly date by which it shall render bills, and all bills shall thereafter be due and payable ten (10) days after such date or fifteen (15) days after such bill is deposited into the United States mail, properly stamped, addressed and postmarked to Customer, whichever is later. United States mail, properly stamped, addressed and postmarked to Customer, whichever is later. Customer shall make all payments in such coin or currency of the United States of America as at the time of payment shall be legal tender for the payment of public and private debts and shall make payment to GBRA at its office in the City of Seguin, Texas, or at such other place as GBRA may from time to time designate by sixty (60) days written notice.

Section 6.10 Delinquency in Payment.

All amounts due and owing to GBRA by Customer shall, if not paid when due, bear interest at the maximum rate permitted by law, provided that such rate shall never be usurious. If any amount due and owing by Customer is placed with an attorney for collection by GBRA, Customer shall pay to GBRA, in addition to all other payments provided for by this Agreement, including interest, GBRA's collection expenses, including court costs and attorney's fees. Customer further agrees that GBRA may, at its option, discontinue delivering treated water to Customer until all amounts due and unpaid are paid in full with interest as herein specified. Any such discontinuation shall not, however, relieve Customer of its unconditional obligation to make the payments required hereunder, as provided by Section 6.6 of this Agreement.

ARTICLE VII

PROJECT REPRESENTATION

Project Management Committee. Section 7.1

An advisory committee (the "Project Management Committee") will be established to provide advice to GBRA with respect to the Project and Project-related actions proposed to be taken by GBRA including, without limitation, advice to GBRA with respect to GBRA's preparation of any operating plans for the Project. Customer is entitled to have a representative on the Project Management Committee. GBRA's representative shall be designated by GBRA's General Manager and shall be the Chairman of the Project Management Committee. Customer's representative will be designated by Customer.

Budgets, Audits, Records, Section 7.2

GBRA will provide the Project Management Committee with the first annual Project budget four months prior to Project start-up, and it will thereafter provide subsequent annual Project budgets. The Project budgets will include all Operation and Maintenance Expenses, debt service, and capital improvements. GBRA will also submit annual audited financial statements of GBRA to the Project Management Committee.

ARTICLE VIII

TERM OF AGREEMENT AND RIGHTS AFTER TERMINATION

Section 8.1 Term.

- This Agreement shall be effective as of the date first written above and, unless it is terminated earlier pursuant to Section 3.3, above or pursuant to any other provision, shall continue in effect until December 31, 2037, or as it may be extended pursuant to subsections (d) or (e) below, on which date this Agreement shall terminate unless extended pursuant to subsection (c) below (the "Termination Date"),.
- From and after the Termination Date, Customer shall have no right to be supplied any water, and GBRA shall have no obligation to supply any water to Customer.
- If all of the Project Debt Instruments (including principal and interest) for the Project will not be fully paid by the Termination Date, then GBRA shall have the right, at any time before such date, to extend the Termination Date to December 31 of the year in which the Project Debt Instruments are to be paid. Any extension by GBRA pursuant to this subsection shall be effective as of the date that GBRA gives Customer written notice of the extension.

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- (d) During the month of January 2037, GBRA shall give Participant written notice of the "Extension Raw Water Rate" to be utilized in calculating Participant's Raw Water Component to be paid by Participant if the Termination Date is extended beyond December 31, 2037. If GBRA fails to give Participant timely written notice of the Extension Raw Water Rate as set forth above in this subsection (d), then the Extension Raw Water Rate for each mouth beginning January 2038 shall be the District-Wide Raw Water Rate in effect that month. If Participant desires to extend the Termination Date, then it shall give GBRA, after January 31, 2037 and by not later than June 30, 2037, written notice of extension. If Participant gives GBRA timely written notice of extension, then the Termination Date shall be extended to December 31, 2057.
- (e) If the Termination Date is extended to December 31, 2057, pursuant to subsection (d), above, then during the month of January 2057, GBRA shall give Participant written notice of the "Extension Raw Water Rate" to be utilized in calculating Participant's Raw Water Component to be paid by Participant if the Termination Date is extended beyond December 31, 2057. If GBRA fails to give Participant timely written notice of the Extension Raw Water Rate as set forth above in this subsection (e), then the Extension Raw Water Rate for each month beginning January 2058 shall be the District-Wide Raw Water Rate in effect that month. If Participant desires to extend the Termination Date, then it shall give GBRA, after January 31, 2057, and by not later than June 30, 2057, written notice of extension. If Participant gives GBRA timely written notice of extension, then the Termination Date shall be extended to December 31, 2077. Any extension thereafter shall be by mutual agreement of the parties.

Section 8.2 Rights after Termination.

Except as specifically provided otherwise in this Agreement, all of the rights and obligations of the parties under this Agreement shall terminate upon termination of this Agreement, except that such termination shall not affect any rights or liabilities accrued prior to such termination.

ARTICLE IX

OTHER PROVISIONS

Section 9.1 Waiver and Amendment.

Failure to enforce or the waiver of any provision of this Agreement or any breach or nonperformance by Customer or GBRA shall not be deemed a waiver by GBRA or Customer of the right in the future to demand strict compliance and performance of any provision of this Agreement. No officer or agent of GBRA is authorized to waive or modify any provision of this Agreement. No modifications to or recision of this Agreement may be made except by a written document signed by GBRA's and Customer's authorized representatives.

Section 9.2 Remedics.

It is not intended hereby to specify (and this Agreement shall not be considered as specifying) an exclusive remedy for any default by Customer, but all such other remedies existing at law or in equity including, without limitation, termination or suspension of service, may be availed of by GBRA and shall be cumulative. In no event shall Customer be entitled to any monetary damages (including, without limitation, any consequential or indirect damages) or any other remedy other than specific performance for any default by GBRA under this Agreement or for any claim brought against GBRA under this Agreement or otherwise relating to the supply of water by GBRA, and in no event shall Customer be entitled to any attorneys fees, court costs or other expenses incurred by Customer in bringing any suit alleging such default or claim.

Section 9.3 Force Majeure.

If for any reason of force majeure, either GBRA or Customer shall be rendered unable, wholly or in part, to carry out its obligations under this Agreement, other than the obligation of Customer to make the payments required under the terms of this Agreement, then if the party shall give notice of the reasons in writing to the other party within a reasonable time after the occurrence of the event, or cause relied on, the obligation of the party giving the notice, so far as it is affected by the force majeure, shall be suspended during the continuance of the inability then claimed, but for no longer period. The term "force majeure" as used in this Agreement shall mean acts of God, strikes, lockouts, or other industrial disturbances, acts of public enemy, orders or actions of any kind of government of the United States or of the State of Texas, or any civil or military authority, insurrections, riots, epidemics, land slides, lightning, earthquakes, tires, hurricanes, storms, floods, washouts, droughts, arrests, restraints of government and people, civil disturbances, explosions, breakage or accident to dams, machinery, pipelines, canals, or other structures, partial or entire failure of water supply including pollution (accident or intentional), and any inability on the part of GBRA to deliver treated water on account of any other cause not reasonably within the control of GBRA.

Section 9.4 Non-Assignability.

Customer may not assign this Agreement without first obtaining the written consent of GBRA; provided however, GBRA shall not unreasonably refuse. This prohibition on assignment does not apply to any transfer of stock of the Customer.

Section 9.5 Entire Agreement.

This Agreement constitutes the entire agreement between GBRA and Customer and supersedes any prior understanding or oral or written agreements between GBRA and Customer respecting the subject matter of this Agreement.

Section 9.6 Severability.

The provisions of this Agreement are severable and if, for any reasons, any one or more of the provisions contained in the Agreement shall be held to be invalid, illegal or unenforceable in any respect, the invalidity, illegality or unenforceability shall not affect any other provision of this Agreement and this Agreement shall remain in effect and be construed as if the invalid, illegal or unenforceable provision had never been contained in the Agreement.

Section 9.7 Captions.

The sections and captions contained herein are for convenience and reference only and are not intended to define, extend or limit any provision of this Agreement.

Section 9.8 No Third Party Beneficiaries.

This Agreement does not create any third party benefits to any person or entity other than the signatories hereto, and is solely for the consideration herein expressed.

Section 9.9 Notices.

All notices, payments and communications ("notices") required or allowed by this Agreement shall be in writing and be given by depositing the notice in the United States mail postpaid and registered or certified, with return receipt requested, and addressed to the party to be notified. Notice deposited in the mail in the previously described manner shall be conclusively deemed to be effective from and after the expiration of three (3) days after the notice is deposited in the mail. For purposes of notice, the addresses of and the designated representative for receipt of notice for each of the parties shall be as follows:

For GBRA:

Guadalupe-Blanco River Authority Attention: General Manager 933 E. Court Street Seguin, Texas 78155

And for Customer:

Jay Parker Kendall County Utility Company, Inc. Tapatio Springs Service Company, Inc. P.O. Box 550 Boerne, Texas 78006 Either party may change its address by giving written notice of the change to the other party at least fourteen (14) days before the change becomes effective.

In witness whereof, the parties hereto, acting under the authority of the respective governing bodies, have caused this Agreement to be duly executed in multiple counterparts, each of which shall constitute an original.

GUADALUPE-BLANCO RIVER AUTHORITY

By:

William E. West, Jr., General Manager

Dain Helsch

KENDALL COUNTY-UTILITY COMPANY

By: John J Parker

Title: President

TAPATIO SPRINGS SERVICE COMPANY, INC.

By: John J. Parke

Name: <u>John J. Parker</u> Title: <u>President</u>

ATTEST:

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THE STATE OF TEXAS

COUNTY OF GUADALUPE

BEFORE ME, the undersigned, a Notary Public in and for said State, on this day personally appeared William E. West, Jr., known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that the same was the act of the GUADALUPE-BLANCO RIVER AUTHORITY, a conservation district and political subdivision, and that he executed the same as the act of such conservation district and political subdivision, and that he executed the same as the act of such conservation district and political subdivision for the purposes and consideration therein expressed, and in the capacity therein stated.

and consideration therein expressed, and in the capacity in th
GIVEN UNDER MY HAND AND SEAL OF OFFICE this the Alot day of March
2002. Notary Public
The State of Texas
(Seal)
THE STATE OF TEXAS §
COUNTY OF KENDALL §
BEFORE ME, the undersigned, a Notary Public in and for said State, on this day personally appeared
purposes and consideration therein expressed, and it is of property
GIVEN UNDER MY HAND AND SEAL OF OFFICE this the 18 day of March 2002
KELLIE K. CLUCK MY COMMISSION EXPIRES September 20, 2006 The State of Texas

(Seal)

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ATTACHMENT G

TAPATIO SPRINGS SERVICE CO. Balance Sheet December 31, 2004

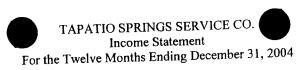
ASSETS

Current Assets Bank of America - Operating A/R - Trade A/R - TSGR Total Current Assets	\$ 7,917.13 5,557.45 10,000.00	23,474.58
Property and Equipment Cable System Sewer System Chlorine Injection - Lake HH - Lift Station Tapatio West #2 - Lift Station Water System Underground Utilities GBRA - Conn/Resv Fees Accumulated Depreciation	56,824.53 1,287,164.52 4,589.80 22,006.50 11,074.44 1,098,237.17 72,496.63 38,368.75 (2,369,427.70)	
Total Property and Equipment		221,334.64
Other Assets		
Total Other Assets		0.00
Total Assets		\$ 244,809.22



LIABILITIES AND CAPITAL

Current Liabilities A/P - KCUC - Note 8 Intercompany - Golf Resort Intercompany - TS Dev I/C-KCDC NOTE 9 Intercompany - KCUC Property Taxes Payable Regulatory Assessment Fee	\$	35,000.00 201,406.81 (357,153.05) 23,000.00 42,000.00 4,500.00 7,360.80	
Total Current Liabilities			(43,885.44)
Long-Term Liabilities Clyde B. Smith - (TSSC) Allowance For Discount		905,146.35 48.60	
Total Long-Term Liabilities			 905,194.95
Total Liabilities			861,309.51
Capital Capital Stock Additional Paid-in Capital Beginning Retained Earnings Net Income	_	1,000.00 634,104.75 (1,293,378.10) 41,773.06	
otal Capital			 (616,500.29)
Total Liabilities & Capital			\$ 244,809.22



	I of the	1 1/01/0 1/10/1/1/1				
	C	urrent Month			Year to Date	
evenues		(26,852.43)	(174.31)		13,630.32	5.98
Sewer		42,242.12	274.22		206,368.55	90.52
Water		15.00	0.10		375.00	0.16
Transfer Fees		0.00	0.00		4,000.00	1.75
Tap Fees - Sewer		0.00	0.00		3,600.00	1.58
Tap Fees - Water		0.00	0.00			100.00
Total Revenues		15,404.69	100.00		227,973.87	100.00
Cost of Sales						
Total Cost of Sales		0.00	0.00		0.00	0.00
Gross Profit		15,404.69	100.00		227,973.87	100.00
Power and an					2 226 21	0.98
Expenses Sewer - Chemicals	٩	20.70	0.13		2,226.21	4.59
Sewer - Electric		993.37	6.45		10,473.13	0.63
Sewer - M & R - Lift Stations		365.92	2.38		1,440.45	12.81
Sewer - M & R - Lines		0.00	0.00		29,206.91	5.12
Sewer - M & R - Plant		1,958.07	12.71		11,664.78 871.00	0.38
Sewer - Testing		71.00	0.46		466.37	0.20
Sewer - Testing Sewer - Water Use		0.00	0.00		2,259.12	0.99
Water - Chemicals		69.06	0.45		26,427.83	11.59
Water - Electric		2,104.11	13.66		2,699.94	1.18
Water - M & R - Distribution		0.00	0.00		1,090.79	0.48
Vater - M & R - Fire Hydrants		0.00	0.00		733.75	0.32
Water - M & R - Meters		63.75	0.41		824.08	0.36
Water - M & R - Tanks		391.58	2.54		874.13	0.38
Water - M & R - P/S - Gardens		0.00	0.00		3,862.92	1.69
Water - M & R - P/S - Ridge		0.00	0.00		583.38	0.26
Water - M & R - Well 2		0.00	0.00		4,638.66	2.03
Water - M & R - Well 6		0.00	0.00		932.00	0.41
Water - Meter Reading		195.00	1.27		2,986.00	1.31
Water - Testing Fees		15.00	0.10		2,422.53	1.06
Assessment Fees		0.00	0.00		2,060.66	0.90
CCGCD Fees		1,230.44	7.99		7,281.73	3.19
Auto Expense		2,499.01	16.22		13.00	0.01
Bank Charges		0.00	0.00		2,060.43	0.90
Fees / Permits / Publications		0.00	0.00		55,314.14	24.26
Interest Expense		4,538.86	29.46		153.43	0.07
Office Expense		0.00			571.37	0.25
Postage		90.25			6,914.82	3.03
Taxes - Property		0.00			1,360.14	0.60
Telephone - Office		136.13	_		320.84	0.14
Telephone - Mobile		0.00			716.27	0.31
Telephone - Wells		57.86			2,750.00	1.21
Tx Water Comm Assessment		2,750.00	17.85			
Total Expenses	_	17,550.11	113.93		186,200.81	81.68
Net Income	\$	(2,145.42	(13.93)	\$ =	41,773.06	18.32
_ · ** * **** *****	=					

Tapatro Opiniga OCI		iparry, mo.	Revision Date
(Water Utility Name)	1	SECTION	ON 1.0 - RATE SCHEDULE
Section 1.01 - Rates			
Monthly base rate	including	0 g	allons
Meter Size:			
Resi	dential		
5⁄8" or ³⁄₄"	\$	24.50	_
1"	\$	40.92	_
1½"	\$	81.59	_
2"	\$	130.59	
3"	\$	245.00	
4"	\$	408.42	
Gallonage	Charge: \$	2.25	for each additional 1,000 gallons up to 25,000 gallons
\$ <u>2.50</u>	£,	r aach additi	ional 1,000 gallons from 25,001 gallons to 50,000 gallons
\$ 2.75	fc	or each addit	ional 1,000 gallons above 50,000 gallons
A REGULATOR COLLECTED F	RY ASSESSMI ROM EACH R	ETAIL CUSTOME	NE PERCENT OF THE CHARGE FOR RETAIL WATER SERVICE ONLY, SHALL BE R
Section 1.02 - Misc	ellaneous	<u>Fees</u>	400.00
TAP FEE TAP FEE IS BAS OF %" X 3/" ME	ED ON THE U	ITILITY'S ACTUAL	$_{-}$ 400.00 cost for materials and labor for standard residential connection
RECONNECTION F THE RECONNECTE DISCONNECTE	CT FEE WILL	BE CHARGED BE DLLOWING REAS	FORE SERVICE CAN BE RESTORED TO A CUSTOMER WHO HAS BEE ONS:
a)	Non navm	ent of bill (M	aximum \$25.00)
1.1	Customor	'e roquost	
(Or other r	easons listed	under Section 2001 of this tarm
SERVICE IS NOT D	12COMMEC I	,υ.	ANGING AN ACCOUNT NAME AT THE SAME SERVICE LOCATION WHEN THE
APPLIED IN A PRE	AIOUS BILLIL	16.	10%)(Indicate one)
RETURNED CHEC	K CHARG	iE	\$25.00_
CUSTOMER DEP	OSIT (Max	imum \$50) .	\$50.00_
METER TEST FEE THIS FEE MAY BE INDICATES THAT	E (actual c	ost of testing	the meter up to)\$25.00_ EQUESTS A SECOND METER TEST WITHIN A TWO YEAR PERIOD AND THE TEST
RATES LISTED	ARE EFFE	CTIVE ONLY	IF THIS PAGE HAS TCEQ APPROVAL STAMP

vpiniyo	OCI 41063	COMPANY	,
/Mator Hillity Na	me)		

(Water Utility Name)

ON 1.0 - RATE SCHEDULE CONTINUED

Revision Date _

Section 1.03 - Pass Through Adjustment Clause

The utility's cost attributable to an annual fee, pumpage fee and/or consumption-based fee from the Guadalupe Blanco River Authority and/or other such governmental authority shall be passed through to all customers affected by such fees using the following calculations.

Annual Fee:

Monthly Minimum Charge + (Annual Fee / Number of Customers Affected / 12 months)

Volume Charge:

Monthly Gallonage Charge per 1000 gallons + (Increase or Decrease in Pumpage Fee x 1.15)

Any change in the utility's cost attributable to the Guadalupe Blanco River Authority and/or other such governmental authority shall go into affect thirty days after notice to all customers subject to TCEQ filings required in 30 TAC 291.21(1).

RATES LISTED ARE EFFECTIVE ONLY IF THIS PAGE HAS TCEQ APPROVAL STAMP

rapatio opinings ocivices company, inc.	Revision Date
(Sewer Utility Name) SECTION 1.0 - RATE SCHEDULE	
Section 1.01 - Rates	
FOR ALL METER SIZES Monthly Minimum Charge: \$ 24.10 (Including _ 0 gallons) Volume Charge: \$ 3.50 Per 1,000 gallons	
Volume charges are determined based on the average consumption for win includes the following months: <u>December, January, and February</u>	ter period which
Regulatory Assessment Fee	1% ATER SERVICE ONLY, SHALL BE
Section 1.02 - Miscellaneous Fees	\$ 400.00
TAP FEE TAP FEE IS BASED ON THE UTILITY'S ACTUAL COST FOR MATERIALS AND LABOR FOR STAN OF %" X ¾" METER.	NDARD RESIDENTIAL CONNECTION
RECONNECTION FEE THE RECONNECT FEE WILL BE CHARGED BEFORE SERVICE CAN BE RESTORED TO A CUST DISCONNECTED FOR THE FOLLOWING REASONS:	
a) Non payment of bill (Maximum \$25.00)	\$25.00_ \$25.00
b) Customer's request	Ψ20.00_
TRANSFER FEE THE TRANSFER FEE WILL BE CHARGED FOR CHANGING AN ACCOUNT NAME AT THE SAME SEI SERVICE IS NOT DISCONNECTED.	RVICE LOCATION WHEN THE
LATE CHARGE (Not more than \$5.00 or 10%)(Indicate one)	
RETURNED CHECK CHARGE	
CUSTOMER DEPOSIT (Maximum \$50)	\$50.00_

RATES LISTED ARE EFFECTIVE ONLY IF THIS PAGE HAS TCEQ APPROVAL STAMP

South Central Texas Regional Water Planning Area

Regional Water Plan

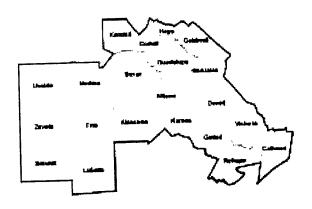
Volume I — Executive Summary and Regional Water Plan

Prepared by:

South Central Texas Regional Water Planning Group

With administration by:

San Antonio River Authority



With technical assistance by:

HDR Engineering, Inc. Moorhouse Associates, Inc. Open Forum

In association with:

Paul Price Associates, Inc. LBG-Guyton Associates R.J. Brandes Company The Wellspec Company

January 2001



				Table 4-	·14 Supplies	and Noods	1			
		Proj	ected Water	Kendall Co	ountv		•			
				Central Te	xas Regio	<u> </u>	Project	ions		
			Total in	Total in		2242	2020	2030	2040	2050
Ba	asin	Source	1990	1996	2000	2010		(acft)	(acft)	(acft)
			(acft)	(acft)	(acft)	(acft)	(acft)	(acit)	(acit)	(4.01.)
Iunicipal Dem	and									
an Antonio Ba	sin						4 710	2,199	2,812	3,598
Boerne	T		785	1,083	1,259	1,711	1,718 326	331	336	342
Fair Oaks Ran	nch		64	81	232	359 1,539	2,808	4,099	5,578	6,84
Rural			515	876	1,070	3,609	4,852	6,629	8,726	10,78
110.01	Subtotal		1,364	2,040	2,561	3,009	4,002	0,023		
Suadalupe Bas	in				005	254	245	254	269	28
Comfort			278	293	265	874	1,094	1,378	1,513	1,66
Rurai			468	873	686	1,128	1,339	1,632	1,782	1,94
	Subtotal		746	1,166	951	1,120	1,303	.,,,,,,,,		
ower Colorado	Basin		 		22	21	22	23	25	2
Rural			20	33	22	21	22	23	25	2
	Subtotal		20	33						
			ļ	0.000	3,534	4,758	6,213	8,284	10,533	12,76
Total Munic	ipal Demand		2,130	3,239	3,534	7,750	5,215			
Municipal Exis	sting Supply			ļ						
San Antonio Ba	asin				506	506	506	506	506	50
Boerne		Boerne La	ke		719	719	719	719	719	56
		Trinity		ļ		1,225	1,225	1,225	1,225	1,07
Boerne Subto	otal			ļ	1,225 142	142	142	142	142	14
Fair Oaks Ra	anch	Trinity		ļ	142		0	0	0	
Rural		Trinity			1,367	1,367	1,367	1,367	1,367	1,2
	Subtotal				1,307	1,507	1,55			
Guadalupe Ba	sin		- : -:	 	641	641	641	641	641	64
Comfort		Edwards-			57		57	57	57	
Rural		Edwards-	i rimity		1,604		1,604			1,60
		Trinity	 	 	1,661		1,661	1,661	1,661	1,6
Rural Subtot				+	2,302		2,302	2,302	2,302	2,3
	Subtotal			-						
Lower Colorad	lo Basin	Edwards-	Trinity		22	22		22		
Rural		Trinity	11111111		6					
	O. handal	- Trinity			28	28	28	28	28	
	Subtotal							<u> </u>	0.007	3 5
T-4-1-44	ining Eviating Su	innly		1	3,697	3,697	3,697	3,697	3,697	3,5
l otal Muni	icipal Existing Su	<u> </u>								
Manualainal Cor	rplus/Shortage						ļ			
San Antonio E	Prein						·		-1,587	-2,5
	Jaoli I				-34					
Boerne Fair Oaks R					-90					
Rural					-1,070					
Nutai	Subtotal				-1,19	4 -2,242	-3,485	-5,202	-1,558	+ - 5,5
Guadalupe Ba					<u> </u>	000	396	387	372	2 3
Comfort					37					
Rural					97					
1 (didi	Subtotal				1,35	1,174	+ 963	070	7 - 720	 `
Lower Colora					 	<u>-</u>	7 6	3 5	5 3	3
Rural										3
Train	Subtotal					6	<u> </u>	·	``	
					ļ	1 00	1 -2,516	3 -4,58	7 -6,836	3 -9,2
1	ncipal Surplus/SI			1	16	3 -1,06	11 -2,010	7,00		+

		Proj	ected Wate	Table 4 r Demands Kendall C	, Supplies,	and Needs	<u> </u>			
			South	h Central T	ounty exas Regio	n				
					exus regio		Project	tions		
			Total in	Total in		2010	2020	2030	2040	2050
Bas	in i	Source	1990	1996	2000	2010			(acft)	(acft)
Duo	""		(acft)	(acft)	(acft)	(acft)	(acft)	(acft)	(acit)	(acity
			___\							
ınicipal New S	upply Need									
in Antonio Basii	١			 	34	486	493	974	1,587	2,52
Boerne			ļ		90	217	184	189	194	20
Fair Oaks Ranc	h			ļ		1,539	2,808	4,099	5,578	6,8
Rural					1,070			5,262	7,359	9,5
	Subtotal				1,194	2,242	3,485	3,202	- 1,000	
uadalupe Basin									0	
					0	0	0	0		
Comfort			1		0	0	0	0	0	
Rural			 	1	0	0	0	0	0	
	Subtotal		+	 						
wer Colorado I	Basin		+	+	0	0	0	0	0	
Rural				 	0		0	0	0	
	Subtotal			<u> </u>	<u> </u>					
							2.405	5,262	7,359	9,5
Total Municip	al New Supply Ne	ed	1		1,194	2,242	3,485	5,262	7,555	
dustrial Dema	nd		+					4	5.	
			2			3	4		0	
an Antonio Bas							0	0	0	
uadalupe Basir	Dean .			0	0		0	0		
ower Colorado				2 7		3	4	4	5	
Total Industr	al Demand			-						
dustrial Exist	ing Supply							0	0	
Idustrial Exist	ing Copp.y	Trinity			0		0		0	
an Antonio Bas	SH1	Training			0		0	0		
uadalupe Basi	<u> </u>		-		0	0			0	
ower Colorado	Basin	<u> </u>	_	 	0		0	0	0	
Total Industr	ial Existing Supply	<i>/</i>		+					<u> </u>	ļ
	lue/Shortage	L						ļ		
ndustrial Surp	ius/Silvi tage				-2				-5	
an Antonio Ba	SITI				0					
Suadalupe Basi	<u>n</u>			1	0	0	0			
ower Colorado	Basin		_		-2		-4	-4	-5	4
Total Indust	rial Surplus/Shorta	ige							 	
ndustrial New	Supply Need				2	2 3	4	4	5	,
San Antonio Ba	sin									
Guadalupe Bas	in				(<u> </u>				
ower Colorado	Basin				(1	<u> </u>		
ower Colorado	rial New Supply M	eed				2 3	. 4	4	+	'
l otal indust	rial New Supply N							 	 	-
Steam-Electric	Demand				0 0)
San Antonio Ba	sin			· · · · · · · · · · · · · · · · · · ·)
Guadalupe Bas	ın <u> </u>)
ower Colorado	Basin			<u> </u>			1.			0
Total Steam	-Electric Demand			0	0	0	<u></u>			
Steam-Electric	Existing Supply	_l				0) (0 (0
San Antonio Ba	sin					<u> </u>				ol -
Guadalupe Bas	sin									ō
Lower Colorad	Basin					<u> </u>		·		0
Total Steam	n-Electric Existing	Supply				0	0	<u>'</u>	' '	+
		1					-	+	 	
Steam-Electric	Surplus/Shorta	ge					<u> </u>		<u> </u>	0
San Antonio Ba		+				<u> </u>		9		0
Guadalupe Ba	SITI	+				·		<u> </u>		
Lower Colorad	o Basin	Charters				0	0	0	0	0
Total Stear	n-Electric Surplus	Snortage								
Steam-Electri	c New Supply Ne	ed				0	0	0		0
San Antonio B	asin					<u> </u>	•			ol
Guadalupe Ba	sın					<u> </u>		-		0
				1	1	0	VI		<u> </u>	0
Lower Colored	o Basın n-Electric New Su					0	0	0	ol	UI



Table 4-14 Projected Water Demands, Supplies, and Needs Kendall County

			Central Te			Da - 1 4	ione		
		Total in	Total in			Project		2010	0050
Basin	Source	1990	1996	2000	2010	2020	2030	2040	2050 (acft)
		(acft)	(acft)	(acft)	(acft)	(acft)	(acft)	(acft)	(acit)
rigation Demand							0	0	(
an Antonio Basin		0	330	0	0	334	320	306	293
Suadalupe Basin		380	894	364	349	0	0	0	
ower Colorado Basin		0	0	0	0	334	320	306	29:
Total Irrigation Demand		380	1,224	364	349	334	320		
rigation Supply						0	0	0	
an Antonio Basın				0	0	69	69	69	6
Suadalupe Basin	Run-of-Rive			69	69	09	0	0	
	Edwards-Ti	rinity		0	285	270	256	242	22
	Trinity	ļ		300	354	339	325	311	29
Guadalupe Basin Subtotal				369	354	0	020	0	
ower Colorado Basin		L		0		339	325	311	29
Total Irrigation Supply				369	354	339	323	311	
rrigation Surplus/Shortage		-							
San Antonio Basin				0	0	0	0	5	
San Antonio Basin Suadalupe Basin				5	5	5	5		
ower Colorado Basin	 			0	0	0	0	0	
Total Irrigation Surplus/Shorta	ge			5	5	5	5	5	
Total Irrigation Surplus/Shorta	ge								
Mining Demand				0	0	0	0	0	
San Antonio Basin		0			0	0	- 0	0	
Guadalupe Basin		0			9	5	1	0	
ower Colorado Basin		0			9	5	1	0	
Total Mining Demand		0	6	13	3				
Mining Supply						0	0	0	
San Antonio Basin				0		0	0		
Guadalupe Basin			<u> </u>	0		4			
ower Colorado Basin	Edwards-	rinity		10		$-\frac{7}{1}$	0		
	Trinity			3		5			
Lower Colorado Basin Subtotal				13		5			
Total Mining Supply			ļ	13	9		,		
Mining Surplus/Shortage	1						0	0	
San Antonio Basin				0		0			
Guadalupe Basin				0					
Lower Colorado Basin				0		0			
Total Mining Surplus/Shortag	e		1	<u>c</u>	0	0	 		<u> </u>
Li tark Damand									
Livestock Demand	+	71	68	91	91	91	91		
San Antonio Basin		30			404				
Guadalupe Basin	+	1:				17			
Lower Colorado Basin Total Livestock Demand		38				512	512	512	2 5
			+	+					
Livestock Supply San Antonio Basin	Local	7							
	Local	30							
Guadalupe Basin Lower Colorado Basin	Local		2 1:	1					
Total Livestock Supply		38		512	2 512	512	512	512	2 5
				-	+				
Livestock Surplus/Shortage					0 0				<u>) </u>
San Antonio Basin Guadalupe Basin				0	0 0				0
v-usosone pasti					0) () (ol (0
Lower Colorado Basin)	0						0

Table 4-14
Projected Water Demands, Supplies, and Needs
Kendall County
South Central Texas Region
Total in Total in

		Total in	Total in			Project	ions		
B !	Source	1990	1996	2000	2010	2020	2030	2040	2050
Basin	Source	(acft)	(acft)	(acft)	(acft)	(acft)	(acft)	(acft)	(acft)
		(acit)		100.07					
otal Kendall County Demand		2,130	3,239	3,534	4,758	6,213	8,284	10,533	12,76
Municipal		2,130	7	2	3	4	4	5	
Industrial		- 0	0	0	0	0	0	0	
Steam-Electric		380	1,224	364	349	334	320	306	29
Irrigation		0	6	13	9	5	1	0	
Mining		389	380	512	512	512	512	512	51
Livestock		2,901	4,856	4,425	5,631	7,068	9,121	11,356	13,57
otal County Demand									
1 11 Ot. Sumply									
otal Kendall County Supply				3,697	3,697	3,697	3,697	3,697	3,54
Municipal		-		0	0	0	0	0	
Industrial				0	0	0	0	0	
Steam-Electric		1		369	354	339	325	311	2
Irrigation				13	9	5	1	0	
Mining				512	512	512	512	512	5
Livestock				4,591	4,572	4,553	4,535	4,520	4,3
Fotal County Supply		 							
Total Kendall County Surplus/S	nortage								
	ioi tage	1		163	-1,061	-2,516	-4,587	-6,836	-9,2
Municipal		+		-2	-3	-4	-4	-5	
Industrial Characteria	 	 		0	0	0	0	0	
Steam-Electric				5	5	5	5	5	
Irrigation	 			0	0	0	0	0	
Mining		 		0	0	0	0	0	
Livestock Fotal County Surplus/Shortage	l	1		166	-1,059	-2,515	-4,586	-6,836	-9,2
Total County Surplus/Shortage									
- 1 D. in Domand		†							
Total Basin Demand		1							
San Antonio		1,364	2,040	2,561	3,609		6,629	8,726	10,7
Municipal Industrial		2		2	3		4	5	
Steam-Electric		0					0	0	
Irrigation		0	330		0		0	0	
Mining		0	0		0		0	0	ļ
Livestock		70			91		91	91 8,822	10,8
Total San Antonio Basin Demand		1,436	2,444	2,654	3,703	4,947	6,724	8,022	10,0
Total California									
Guadalupe					1 100	4 220	1,632	1,782	1,9
Municipal		746					1,032		<u> </u>
Industrial	T:	0							
Steam-Electric		0					320	·	
Irrigation		380							
Mining		C							
Livestock		307							
Total Guadalupe Basin Demand		1,433	2,360	1,719	1,881	2,077	∠,356	2,432	۲,۱
				 	 	 		 	
Lower Colorado			J	+	21	22	23	25	1
Municipal	ļ	20							
Industrial									
Steam-Electric	ļ	(
Irrigation	1								
Mining) (
Livestock		12							
Total Lower Colorado Basin Dem	and	32	2 52	52	+4/	+	 		1
					 -	+	 	 	
Total Basin Supply						 	 	-	—
San Antonio			ļ	ļ	4 20-	1 1 267	1,367	1,367	1,
Municipal				1,367					
Industrial			ļ)
Steam-Electric						0 0			
Irrigation			-				1		
Mining									
Livestock				9					
Total San Antonio Basin Supply		1	1	1,458	1,458	1,458); 1, 4 00)ن+ر(ار	<u> </u>

			Sout	Kendall C h Central T	exas Regio	n				
			Total in	Total in			Project	ions		
Basin		Source	1990	1996	2000	2010	2020	2030	2040	2050
54011	·		(acft)	(acft)	(acft)	(acft)	(acft)	(acft)	(acft)	(acft)
Guadalupe					2 202	2,302	2,302	2,302	2,302	2,30
Municipal					2,302	2,302	2,302	2,002	0	
Industrial					0		0	0	0	
Steam-Electric					0	0	339	325	311	29
Irrigation					369	354		0	0	
Mining			<u> </u>		0	0	0	404	404	40
Livestock			L		404	404	404		1,177	64
Unallocated Grou	ndwater Supply				1,119	1,134	1,149	1,163		
otal Guadalupe Ba					4,194	4,194	4,194	4,194	4,194	3,65
ower Colorado			-	 	28	28	28	28	28	
Municipal			 		0	0	0	0	0	
Industrial			 		0	0	0	0	0	
Steam-Electric			 	-	0	0	0	0	0	
Irrigation					13	9	5	1	0	
Mining					17	17	17	17	17	
Livestock						221	225	229	230	2
Unallocated Grou					217	275	275	275	275	2
Fotal Lower Colora	do Basin Suppl	У			275	2/5	213	213		
Total Basin Surpli	us/Shortage									
San Antonio			 	+	-1,194	-2,242	-3,485	-5,262	-7,359	-9,5
Municipal					-2	-3	-4	-4	-5	
Industrial			 		0	0	0	0	0	
Steam-Electric			+	 	0	0	0	0	0	
Irrigation			-	+	0	0	0	0	0	
Mining					0	0	0	0	0	
Livestock				 	-1,196	-2,245	-3,489	-5,266	-7,364	-9,5
Total San Antonio	Basin Surplus/S	nortage	T	 	-1,130	-2,240	0,100	,		
Guadalupe										
Municipal					1,351	1,174	963	670	520	3
Industrial			1		0	0	0	0	0	
Steam-Electric				<u> </u>	0	0	0	0	0	
Irrigation					5	5	5	5	5	
Mining					0	0	0	0	0	
Livestock			 		0	0	0	0	0	
Unallocated Grou	industor Suppl	· · · · · · · · · · · · · · · · · · ·			1,119	1,134	1,149	1,163	1,177	6
Total Guadalupe B	asin Surplus/SI	ortage			2,475	2,313	2,117	1,838	1,702	1,0
Lower Colorado					6	7	6	5	3	
Municipal					0		0		0	
Industrial		 			- 6		0			
Steam-Electric				- 	- 0		0			
Irrigation		ļ <u> </u>		+	0		0			
Mining					0		0			
Livestock							225			
Unallocated Gro	undwater Supp	У			217					
Total Lower Colora	ala Dania Cural	un/Chartage	_		1 223			204		



	Proj	ected Wate	Table 4	, Supplies,	and Needs	3			
		C4	Kendall C h Central T		n				
			Total in	exas regio	·	Project	ions		
Basin	Source	Total in 1990 (acft)	1996 (acft)	2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)
Broundwater Supplies									
Available		1		207	207	207	207	207	20
Colorado	Edwards-T		ļ	698	698	698	698	698	69
Guadalupe	Edwards-T	rinity	ļ	51	51	51	51	51	4
Colorado	Trinity			3,023	3,023	3,023	3,023	3,023	2,47
Guadalupe	Trinity			861	861	861	861	861	70
San Antonio	Trinity		1		4,840	4.840	4,840	4,840	4,1
Total Availa	able			4,840	4,040	1,0.0			
Allocated				33	30	26	23	22	
Colorado	Edwards-T		_	698	698	698	698	698	6
Guadalupe	Edwards-1	rinity		8	7	7	6	6	
Colorado	Trinity		+	1,904	1,889	1,874	1,860	1,846	1,8
Guadalupe	Trinity			861	861	861	861	861	7
San Antonio	Trinity			3,504	3,485		3,448	3,433	3,2
Total Alloc	ated			3,504	3,403	3,100			
				1,336	1,355	1,374	1,392	1,407	8
Total Unal	located			1,330	1,000	1,07			

	Proj		Table 4 or Demands Kendall C h Central T	s, Supplies, Sounty					
Basin	Source	Total in 1990 (acft)	Total in 1996 (acft)	2000 (acft)	2010 (acft)	Project 2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)
Groundwater Supplies									
Available							- 007	207	20
Colorado	Edwards-T	rinity		207	207	207	207	207	69
Guadalupe	Edwards-T	rinity		698	698	698	698	698 51	4
Colorado	Trinity			51	51	51	51		2,47
Guadalupe	Trinity			3,023	3,023	3,023	3,023	3,023 861	70
San Antonio	Trinity			861	861	861	861		4,13
Total Availa	ble			4,840	4,840	4,840	4,840	4,840	4,13
Allocated			<u> </u>				00	22	2
Colorado	Edwards-T	rinity		33	30	26	23	698	69
Guadalupe	Edwards-T	rinity		698	698	698	698 6	6	- 03
Colorado	Trinity			8	4 000	1 074	1,860	1.846	1,83
Guadalupe	Trinity		ļ	1,904	1,889	1,874 861	861	861	70
San Antonio	Trinity		ļ	861	861		3,448	3,433	3,26
Total Alloca	ited		ļ	3,504	3,485	3,466	3,440	3,433	0,20
Total Unalle		 	-	1,336	1,355	1,374	1,392	1,407	86

South Central Texas Regional Water Planning Area

2006 Regional Water Plan

Volume I — Executive Summary and Regional Water Plan

Prepared by:

South Central Texas Regional Water Planning Group

With administration by:

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January 2006

4B.2.14 Kendall County Water Supply Plan

Table 4B.2.14-1 lists each water user group in Kendall County and its corresponding management supply or shortage in years 2010 and 2060. For each water user group with a projected shortage, or need, a water supply plan has been developed and is presented in the following subsections.

Table 4B.2.14-1.
Kendall County Management Supply/Shortage by Water User Group

		jement Shortage	
Water User Group	2010 (acft/yr)	2060 (acft/yr)	Comment
City of Boerne	38	-1,542	Projected shortage (2030 through 2060)
City of Fair Oaks Ranch			See Bexar County
Water Service Inc.			See Bexar County
Rural Area Residential and Commercial	-221	-4,163	Projected shortage
Industrial	0	0	No projected demand
Steam-Electric Power	0	0	No projected demand
Mining	0	0	
Irrigation	-148	-140	Projected shortage (2010 through 2060)
Livestock	-25	-28	Projected shortage (2010 through 2060)

4B.2.14.1 City of Boerne

Current water supply for the City of Boerne is obtained from the Trinity Aquifer, Canyon Reservoir, and Boerne Lake. Boerne is projected to need additional water supplies prior to 2030. Working within the planning criteria established by the SCTRWPG and the TWDB, it is recommended that Boerne implement the following water supply plan to meet the projected needs for the city (Table 4B.2.14-2).

- Municipal Water Conservation to be implemented or enhanced in the immediate future. This strategy can provide an additional 98 acft/yr by 2010, increasing to 816 acft/yr of supply in 2060 (Volume II, Section 4C.1.1).
- Purchase from a WWP (GBRA) to be implemented prior to 2030. This strategy can provide an additional 23 acft/yr by 2010, increasing to 1,542 acft/yr of supply in 2060.



Table 4B.2.14-2.
Recommended Water Supply Plan for the City of Boerne

	2010 (acft/yr)	2020 (acft/yr)	2030 (acft/yr)	2040 (acft/yr)	2050 (acft/yr)	2060 (acft/yr)
Projected Need (Shortage)	0	0	23	549	1,092	1,542
Recommended Plan						
Municipal Water Conservation (L-10 Mun)	98	280	394	502	652	816
Purchase from WWP (GBRA)	_	_	23	549	1,092	1,542
Total New Supply	98	280	417	1,051	1,744	2,358

Estimated costs of the recommended plan to meet the City of Boerne's projected needs are shown in Table 4B.2.14-3.

Table 4B.2.14-3. Recommended Plan Costs by Decade for the City of Boerne

Plan Element	2010	2020	2030	2040	2050	2060
Municipal Water Conservation	L-10 Mun)					
Annual Cost (\$/yr)	\$57,546	\$134,963	\$181,274	\$221,288	\$283,804	\$352,354
Unit Cost (\$/acft)	\$588	\$483	\$460	\$440	\$435	\$432
Purchase from WWP (GBRA)						
Annual Cost (\$/yr)	_		\$30,902	\$737,606	\$481,074	\$679,319
Unit Cost (\$/acft)	_	_	\$1,344	\$1,344	\$441	\$441

4B.2.14.2 Rural Area Residential and Commercial

Current water supply for Rural Areas is obtained from the Edwards-Trinity Aquifer, Trinity Aquifer, and Canyon Reservoir. Rural Areas are projected to need additional water supplies prior to 2010. Working within the planning criteria established by the SCTRWPG and the TWDB, it is recommended that rural area water supply districts and authorities and individual households and/or businesses not served by public water supply systems implement the following water supply plan to meet the projected needs for rural areas (Table 4B.2.14-4).

• Municipal Water Conservation to be implemented or enhanced in the immediate future. This strategy can provide an additional 73 acft/yr by 2050, increasing to 264 acft/yr in 2060 (Volume II, Section 4C.1.1).



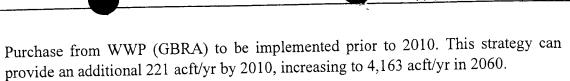


Table 4B.2.14-4.
Recommended Water Supply Plan for Rural Areas

	2010 (acft/yr)	2020 (acft/yr)	2030 (acft/yr)	2040 (acft/yr)	2050 (acft/yr)	2060 (acft/yr)
Projected Need (Shortage)	221	865	1,612	2,527	3,385	4,163
Recommended Plan						1
Municipal Water Conservation (L-10 Mun)	_				73	264
Purchase from WWP (GBRA)	221	865	1,612	2,527	3,385	4,163
Total New Supply	221	865	1,612	2,527	3,458	4,427

Estimated costs of the recommended plan to meet the projected needs of rural areas are shown in Table 4B.2.14-5.

Table 4B.2.14-5.
Recommended Plan Costs by Decade for Rural Areas

Plan Element	2010	2020	2030	2040	2050	2060
Municipal Water Conser	vation (L-10 Mun)				
Annual Cost (\$/yr)	_	_	_	_	\$43,086	\$155,415
Unit Cost (\$/acft)	_	_	_		\$588	\$588
Purchase from WWP (G	BRA)					ra
Annual Cost (\$/yr)	\$201,608	\$789,101	\$1,470,556	\$2,305,270	\$3,087,985	\$3,797,720
Unit Cost (\$/acft)	\$912	\$912	\$912	\$912	\$912	\$912

4B.2.14.3 Industrial

There is no projected industrial water demand in Kendall County, therefore no water management strategies are recommended for this water user group.

4B.2.14.4 Steam-Electric Power

There is no projected steam-electric power water demand in Kendall County, therefore no water management strategies are recommended for this water user group.



4B.2.14.5 Mining

Mining is projected to have adequate water supplies available from the Trinity Aquifer to meet the water user group's projected demand during the planning period.

4B.2.1.6 Irrigation

Current water supply for irrigation is obtained from the Trinity Aquifer and run-of-river rights. Irrigation is projected to need additional water supplies prior to 2010. Working within the planning criteria established by the SCTRWPG and the TWDB, it is recommended that individual irrigators implement the following water supply plan to meet a portion of the projected needs for irrigation (Table 4B.2.14-6).

• Local Trinity to be implemented prior to 2010. This strategy can provide an additional 148 acft/yr of supply.

Table 4B.2.14-6.
Recommended Water Supply Plan for Irrigation

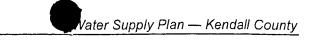
	2010 (acft/yr)	2020 (acft/yr)	2030 (acft/yr)	2040 (acft/yr)	2050 (acft/yr)	2060 (acft/yr)
Projected Need (Shortage)	148	145	141	138	143	140
Recommended Plan						,
Local Trinity	148	148	148	148	148	148
Total New Supply	148	148	148	148	148	148

No estimated costs of the recommended plan to meet the irrigation projected needs are included as additional supplies will likely be produced from existing wells. Data indicate that there is insufficient irrigated acreage for the Irrigation Water Conservation water management strategy to meet projected needs by demand reduction. SCTRWPG has determined that it is not economically feasible for agricultural producers to pay for additional supplies to meet projected needs.

4B.2.14.7 Livestock

Current water supply for livestock is obtained from the Trinity Aquifer and local sources. Livestock is projected to need additional water supplies prior to 2010. Working within the planning criteria established by the SCTRWPG and the TWDB, it is recommended that





individual livestock operations implement the following water supply plan to meet a portion of the projected needs for livestock (Table 4B.2.14-7).

• Local Trinity to be implemented prior to 2010. This strategy can provide an additional 28 acft/yr of supply.

Table 4B.2.14-7.
Recommended Water Supply Plan for Livestock

	2010 (acft/yr)	2020 (acft/yr)	2030 (acft/yr)	2040 (acft/yr)	2050 (acft/yr)	2060 (acft/yr)
Projected Need (Shortage)	25	25	25	25	28	28
Recommended Plan						1
Local Trinity	28	28	28	28	28	28
Total New Supply	28	28	28	28	28	28

No estimated costs of the recommended plan to meet the livestock projected needs are included as additional supplies will likely be produced from existing wells. It is not expected to be economically feasible to develop new sources of firm supply to meet these small unconcentrated needs.