

Project History Form

Date	November 11, 2002	Project Manager	
Project Title	Municipal Wastewater Collection & Treatment and Water Distribution, Río Water Supply Corporation, Texas		
PH Classification	Water Supply	Graphics available?	Color photographs of current WTP
Client Name	Border Environment Cooperation Commission (BECC)		
Sadat Fees	US\$ 10,000.00		
Project Cost	Estimated project cost: \$6,908,964.00		
Project Location	City of Río Grande, Texas		
Completion Date <small>(state estimated or actual)</small>	Winter 2004	SII Role <small>(Prime, sub, jv)</small>	Technical assistance in the preparation of Rapid Assessment Process (RAP) reports.
Services Provided <small>(brief list)</small>	<ul style="list-style-type: none"> Review and presentation of existing conditions providing a snapshot of the general technical, economic and financial aspects of the current conditions that affect the proposed project. The information included, but was not limited to the following areas of the proposed project: general aspects, environmental and human health indicators, baseline conditions for service indicators, technical aspects, financial and commercial service aspects, sustainable development-minimum criteria, identification of technical assistance needs, schedule of tasks from planning through certification and design, and attachments (minutes of the meeting with project's sponsor, photographic report, regional plan with the location of the project components, existing reports and studies, and baseline conditions). 		
Project Narrative <small>What events led to the project? Why were we hired? What was the site condition when we arrived? Etc.)</small>	<ul style="list-style-type: none"> The B.E.C.C. is a bi-lateral organization, which was created in 1993 under the North American Free Trade Agreement between the USA and Mexico, and its role is to identify, support and certify environmental infrastructure projects along the border area before they are considered for financing by the North American Development Bank (N.A.D.B.) or other funding agencies. <p>Back in December of 2001, and as the result of a highly competitive process which involved the review of approximately 70 proposals from US environmental firms, the Border Environment Cooperation Commission (B.E.C.C.) selected SADAT INTERNATIONAL, INC. (SII) as one of their SENIOR EXPERTS, along with two other American companies, to assist them with project development and assessment.</p> <p>The primary goal of the BECC is to help preserve, protect, and enhance the environment of the border region in order to advance the well being of the people of the United States and Mexico.</p> <p>Río Water Supply Corporation (WSC) is located approximately 2 miles West of downtown Río Grande City, and provides potable water to a population of 3,297 people over a Certificate of Convenience and Necessity (CCN) area. For water supply, the area is equipped with a water distribution network. Río WSC currently purchases treated surface water from Río Grande City Public Water Supply in order to provide potable water to their CCN customers. Río Grande City has a contract with Río WSC for water provision until year 2034, including provisions for population growth during the contract period. Río WSC currently owns water rights for 279 acre-feet annually. Two booster stations, Hernandez and Alvarez booster stations, serve approximately 612 and 73 connections respectively, all in Río WSC Certificate of Convenience and Necessity (CCN). The existing water distribution system has sufficient storage</p>		

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	<p>capacities. However, the system lacks the ability for high-service pump service. The distribution lines are not all adequate for service, with a number of them undersized for the required capacity.</p> <p>The proposed water distribution improvements would include the replacement of approximately 1,100 linear feet of 2" undersized pipeline covering an area of more than 10 connections, an additional 3,000 linear feet of undersized 2" pipeline covering more than 10 connections, and another 3,600 linear feet of undersized 2" pipeline covering more than 10 connections. The total of undersized pipeline is approximately 7,700 linear feet, which will be sized up to 4" pipelines. As mentioned earlier, the water distribution storage capacity is sufficient for the current and projected water demand in Rio WSC CCN.</p>
<p>Approach</p> <p>What did SII do to solve the client's problem? What methods or techniques were used? How large was the facility/site? How much money did we save the client? What new technologies did we use? What contaminants were identified? How many tons of material were disposed of?</p>	<p>Through the Rapid Assessment Process (RAP), SII was able to complete a RAP Report for the proposed project and related tasks. SII evaluated all submitted information for the preparation of the RAP Report. The RAP Report will enable the BECC to properly evaluate the proposed project and it will assist the City in pursuing funding assistance from potential funding sources, such as the North American Development Bank, Texas Water Development Board, United States Department of Agriculture, etc. The Report will further provide information necessary for Project Certification granted by the BECC and will assist coordinating efforts of the different participants.</p>