



PLANSOURCE

professional planning services

Baker

For more information on
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SAN ANTONIO RIVER AUTHORITY'S STREAM RESTORATION PROGRAM

Michael Baker Jr., Inc. (Baker) was recently selected by the San Antonio River Authority to assess, design, permit, construct, and monitor natural stream restoration projects.

The program strategy is to combine the best features of previous science and adapt and improve those methods to match specific climate, soil types and customer expectations for this region. The scope of work is anticipated to vary from holistic watershed assessments to constructing repairs on specific sites throughout the four counties within the River Authority's jurisdiction.

The designs shall stabilize stream channel morphology, restore native riparian habitat to attract and support native fish and wildlife populations, and promote best management practices to improve water quality. Specific objectives and technical performance criteria will be developed by stream segment. The focus of the stream assessments and projects is anticipated to be on 3rd order streams and smaller both in urban and rural locations but may also require analysis and design on larger streams and rivers. Natural materials, native plants, aquatic and riparian habitat features, and best management practices for improving water quality will be design goals for each project.



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Baker will provide technical assistance, program guidance, and staff training as appropriate in support of the River Authority Stream Restoration Program.

Baker will provide natural stream restoration expertise in the areas of, but not limited to, stream/riparian assessments, geomorphic classification, cost estimating, design, drafting, construction documents, permit application assistance, construction administration, construction crew assistance/training, post-construction monitoring, restoration program development, grants/government funding knowledge and application assistance, riparian mitigation banking, and public/staff education experience. .