



Abridged Application

Due February 2, 2018 by 5:00pm

Submit via email: SWIFT@twdb.texas.gov

By submitting this abridged application, you understand and confirm that the information provided is true and correct to the best of your knowledge and further understand that the failure to submit a complete abridged application by the stated deadlines, or to respond in a timely manner to additional requests for information, may result in the withdrawal of the abridged application without review.

NOTE: You may also complete and submit your Abridged Application online at <https://ola.twdb.texas.gov/>.

GENERAL INFORMATION

Name of Entity	County	Regional Water Planning Area
Guadalupe-Blanco River Authority	Caldwell, Calhoun, Comal, Dewitt, Gonzales, Guadalupe, Hays, Kendall, Refugio, Victoria	South Central Texas (Region L)

Entity Contact Information

Contact Person	Name	Darrell Nichols		
	Title	Senior Deputy General Manager		
Mailing Address	933 East Court Street			
	Seguin, Texas 78155			
Phone Number	(830) 379-5822	Fax Number	(830) 379-9718	
Email Address	dnichols@gbra.org			

PROJECT DESCRIPTION

Name of Project <i>(As it appears in the 2017 State Water Plan)</i>	Mid-Basin Water Supply Project (MBWSP) – Conjunctive Use with Aquifer Storage & Recovery (ASR)			
Where can the project be found in the most recent Regional Water Plan?	Project described on pages:	Substitution Addendum pp. 5.1-8 & 5.1.9 and Regional Water Plan pp. 5.2.32-1 to 5.2.32-15	Capital costs listed on page:	Regional Water Plan p. 5.2.32-13
Phase(s) Applied For	<input checked="" type="checkbox"/> Planning <input checked="" type="checkbox"/> Acquisition <input checked="" type="checkbox"/> Design <input checked="" type="checkbox"/> Construction			
Population Served When Fully Operational	127,200 @ 2030 and 237,900 @ 2070 per 2017 State Water Plan data.			



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Description of Proposed Project Components

GBRA's Mid-Basin Water Supply Project (MBWSP) is a multi-phased and multi-sourced project intended to meet the immediate and projected needs of GBRA's existing customers and other entities within its statutory district.

Phase 1 of the MBWSP will produce 15,000 acft/yr of firm groundwater supply from the Carrizo Aquifer in Gonzales and Caldwell Counties using planned wells operating under current leases owned by GBRA and current permits from the Gonzales County Underground Water Conservation District held by GBRA. This groundwater will be treated in a planned water treatment plant near the well field and delivered through planned and improved existing transmission systems to make water available to contracted customers, including the cities of New Braunfels and Lockhart and the Goforth Special Utility District.

Phase 2 of the MBWSP is planned to deliver an additional firm supply of 27,000 acft/yr based on surface water diversions from the Guadalupe River near Gonzales under Water Use Permit #12378 pending before the Texas Commission on Environmental Quality. Interruptible run-of-river diversions under this permit will be made firm using aquifer storage & recovery (ASR) and/or off-channel reservoir storage. Major project components planned for this phase of the MBWSP include river intake & pump station, raw water transmission, off-channel reservoir storage, treatment, aquifer storage & recovery (ASR), and treated water transmission facilities. These new supplies are expected to meet projected needs within Caldwell, Comal, Gonzales, Guadalupe, and Hays Counties.

Emergency <i>(select all that apply)</i>	<input type="checkbox"/> Applicant/entity's water supply will last less than 180 days. <input type="checkbox"/> Applicant has received or applied for Federal emergency funding. <input checked="" type="checkbox"/> None of the above.
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Agricultural Efficiency Project?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Efficiency improvement achieved by implementing the project <i>(Please provide an attachment showing the basis for your calculation.)</i> <input type="checkbox"/> <1% <input type="checkbox"/> 10%-13.9% <input type="checkbox"/> 1%-1.9% <input type="checkbox"/> 14%-17.9% <input type="checkbox"/> 2%-5.9% <input type="checkbox"/> ≥18% <input type="checkbox"/> 6%-9.9%
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Household Cost Factor

(Household Cost Factor for SWIFT prioritization is calculated by dividing the service area's average residential water bill by its annual median household income. For regional projects, these should represent the combined service areas of all participating entities.)

Estimated average annual residential water bill:	N/A - GBRA is Wholesale Water Provider	Annual Median Household Income:	\$59,600 @ 2016
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The proposed project addresses:	<input type="checkbox"/> Conservation <input type="checkbox"/> Water Loss <input checked="" type="checkbox"/> N/A
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Volume of Water Produced/Conserved (in Acre/Feet per Year)					
2020	2030	2040	2050	2060	2070
0	15,000	15,000	15,000	15,000	15,000

Readiness to Proceed <i>(select all that apply)</i>	<input type="checkbox"/> Preliminary planning or design work (30% of total project) has been completed or is not required. <input checked="" type="checkbox"/> Applicant is prepared to begin implementation or construction within 18 months of application deadline. <input checked="" type="checkbox"/> Applicant has acquired all water rights associated with the proposed project, or none will be required.
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ESTIMATED COSTS		
Estimated Project Costs	Low-interest Loan	\$39,815,833
	Deferred Loan	\$12,693,600
	Board Participation	\$159,263,333
	Local Contribution	\$5,000,000
	Other:	\$0
	Total Estimated Project Costs	\$216,772,766
Anticipated Commitments Attach proposed schedule for multi-year commitments		<input type="checkbox"/> One-Time Commitment <input checked="" type="checkbox"/> Multi-Year Commitments
Anticipated Debt Service Structure Please attach explanation if requesting non-level debt service.		<input type="checkbox"/> Level <input checked="" type="checkbox"/> Other Request

Required Attachments:

- A list of all water systems served by Phase 1 of the proposed project:
 - New Braunfels Utilities (City of New Braunfels);
 - Goforth Special Utility District; and
 - City of Lockhart.
- Proposed multi-year commitment schedule for Phase 1 of the proposed project:

Schedule of Estimated Costs ¹ for GBRA's MBWSP	Total	Year 1	Year 2	Year 3	Year 4	Year 5
		2018	2019	2020	2021	2022
Land Acquisition	\$5,772,000	\$2,000,000	\$3,772,000	\$0	\$0	\$0
Planning and Design	\$12,693,600	\$12,693,600	\$0	\$0	\$0	\$0
Construction	\$193,307,166	\$31,443,136	\$41,446,136	\$78,328,770	\$42,089,124	\$0
Totals	\$211,772,766	\$46,136,736	\$45,218,136	\$78,328,770	\$42,089,124	\$0

¹ Costs in January 2017 Prices.

See the attached project timeline consistent with the above schedule of estimated costs.

- Explanation of requested debt service structure (if applicable)

This project involves the development of a well field located primarily in Gonzales County to provide up to 15,000 acft/yr of treated water to New Braunfels Utilities, Goforth Special Utility District, and the City of Lockhart. The project includes multiple wells, a water treatment plant, pump stations, and more than 50 miles of transmission lines. Board Participation is being requested as the project is a long term water supply in the State Water Plan with infrastructure that is being right-sized for ultimate capacity and most of that capacity will not be utilized within the first 8 to 10 years.