

# Texas Water

## Development Board

OLA ID 1558910

PIF No. 14193

Entity Name: Guadalupe Blanco RA

Project Name: ARWA/GBRA Project (Phase 1)\*

\*Expansion of Mid-Basin WSP  
(aka. Carrizo Groundwater  
Supply Project)

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Submittal

# General Information

Project Information

Funding Type SWIFT

# Contact Information

County Caldwell, Calhoun, Comal, Dewitt, Gonzales, Guadal

| Entity Contact Information         | Engineering Firm Contact Information |
|------------------------------------|--------------------------------------|
| Name of Entity Guadalupe Blanco RA | Name of New Entity                   |
| Prefix Mr.                         | Prefix Mr.                           |
| First Name Peter                   | First Name Zach                      |
| Last Name Newell                   | Last Name Stein                      |
| Addr 1 933 E Court St              | Addr 1 4401 West Gate Blvd Ste 400   |
| Addr 2                             | Addr 2                               |
| City Seguin                        | City Austin                          |
| State TX                           | State TX                             |
| Zip 78155-0000                     | Zip 78745-0000                       |
| Phone (830) 379-5822               | Phone (512) 498-4702                 |
| Fax                                | Fax                                  |
| Suffix P.E.                        | Suffix P.E.                          |
| OrgName                            | OrgName                              |
| DeptName                           | DeptName                             |
| Title Engineering Director         | Title Project Manager                |
| Email pnewell@gbra.org             | Email Zachary.Stein@hdrinc.com       |
|                                    | Firm Name HDR Engineering, Inc.      |
| Make Changes Y                     | Make Changes Y                       |
| No Entity TxWISE Id                | No Engineering TxWISE Id             |

# Service Area

Population Served 135,700

# Project Description

Project Name ARWA/GBRA Project (Phase 1)\*

\*Expansion of Mid-Basin WSP (aka. Carrizo Groundwater Supply Project)

Where can Project be found in the most recent Regional Water Plan?

The project is described on page #: 5.1-11

The capital cost is listed on page #: 5.2.12-26

Region L - SOUTH CENTRAL TEXAS

Phase(s) Applied For

Planning Y

Acquisition Y

Design Y

Construction Y

Emergency

Applicant/entity's water supply will last less than 180 days. N

Applicant has received or applied for Federal emergency funding. N

None of the above. Y

Agricultural Efficiency Project? N

Estimated average annual residential water bill \$660

Annual Median Household Income \$58,615

Project will produce water Y

Project will conserve water N

Please provide the volume of water anticipated to be produced or conserved by the project per decade:

| 2020 | 2030 | 2040 | 2050 | 2060 | 2070 |
|------|------|------|------|------|------|
| 0    | 9500 | 9500 | 9500 | 9500 | 9500 |

Project will address water loss N

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.

In 2018, GBRA received a \$165,855,000 multi-year SWIFT funding commitment (TWDB Project No. 51055) for Phase 1 of the MBWSP referred to as the Carrizo Groundwater Supply Project (CGSP). GBRA facilities for the CGSP include a 15,000 acft/yr well field, raw water collection and transmission pipelines, terminal delivery pipelines to Lockhart and New Braunfels Utilities, and improvements at the San Marcos Water Treatment Plant high service pump station to accommodate treated water deliveries to Goforth SUD through GBRA's existing IH35 Treated Water Delivery System. On June 27, 2018, GBRA and Alliance Regional Water Authority (ARWA) entered into an agreement to share water treatment and transmission facilities for a portion of ARWA's Phase 1B Project (TWDB Project No. 51044) and GBRA's CGSP. More specifically,

these shared project facilities include the water treatment plant, treated water transmission pipeline segments (A, B, D, and E1 in ARWA project nomenclature), a booster pump station, and an inline elevated storage tank. In 2020, GBRA received a supplemental \$47,100,000 SWIFT funding commitment to cover updated project cost and contingency estimates resulting from more detailed preliminary engineering analyses, increasing construction and construction materials costs, and revision of ARWA's initial capacity components in shared facilities.

The subject of this application is an expansion of GBRA's Phase 1 project (CGSP) and is part of the ARWA/GBRA Project (Phase 1), a recommended water management strategy in the 2022 State Water Plan. This expansion (identified as the Texas 130 Project) includes expansion of GBRA's existing well field to produce an additional 9,500 acft/yr of groundwater from the Carrizo Aquifer in Gonzales and/or Caldwell Counties operating under current leases owned by GBRA and permits to be obtained from the Gonzales County Underground Water Conservation District. This additional groundwater will be treated at the ARWA water treatment plant (presently under construction and to be expanded as part of planned expansions by ARWA) and delivered to customers using ARWA/GBRA shared transmission facilities (presently under construction) and GBRA's Lockhart delivery pipeline, as well as new transmission facilities to convey treated water from the Lockhart Water Treatment Plant site to a new ground storage tank and booster pump station northwest of Lockhart and from there to customers including Goforth SUD, County Line SUD, Maxwell SUD, and Camino Real Utility in Caldwell and Hays Counties. GBRA is seeking a \$120,000,000 multi-year SWIFT funding commitment for the Texas 130 Project.

GBRA Mid-Basin Project (Phase 2), a recommended water management strategy in the 2022 State Water Plan, 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. 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 of this phase include river intake & pump station, raw water transmission, off-channel reservoir storage, treatment, ASR, and treated water transmission facilities to meet projected needs of GBRA customers in Caldwell, Comal, Gonzales, Guadalupe, and Hays counties.

## LIST OF WATER SYSTEMS SERVED BY THE PROPOSED PROJECT

| NAME*   | PWS ID    |
|---|-----------|
| Goforth Special Utility District  | TX1050019 |
| County Line Special Utility District  | TX1050038 |
| Maxwell Special Utility District  | TX0280003 |
| Camino Real Utility / Mustang Ridge   | TX1460196 |
| *SWIFT funding for Goforth SUD and other customers (i.e., New Braunfels Utilities & City of Lockhart) of the initial phase of the Mid-Basin Water Supply Project (identified as the Carrizo Groundwater Supply Project) has been previously obtained under TWDB Project No. 51055). |           |
|   |           |

# Readiness to Proceed to Construction

Preliminary planning or design work (30% of total project) has been completed or is not required.  
Y

Applicant is prepared to begin implementation or construction within 18 months of application deadline. Y

Applicant has acquired all water rights associated with the proposed project, or none will be required. N

# Estimated Costs

TWDB Requested Amount

Low-Interest Loan Amount \$110000000.00

Deferred Loan Amount \$0.00

Board Participation Amount \$10000000.00

Local Contribution Amount \$45000000.00

Other Amount \$0.00

Other Desc

Total Estimated Project Costs \$165000000.00

Anticipated Debt Service for 2018 Loan Closing is anticipated to be: OTHER-REQUEST

If not anticipating level debt service, please explain See attachments summarizing project budget and requested loan closings in 2022 and 2023 (CGSP TX130 Detail\_TableA\_2022-01-25.pdf, GBRA 2022 LI 20220126.pdf, GBRA 2022 BP 20220126.pdf, and GBRA 2023 LI 20220126.pdf).

## Additional Attachments

The following documents are attached after this page:

2022\_SWIFT\_Abridged\_Application\_Tx130\_28Jan2022.pdf

CGSP TX130 Detail\_TableA\_2022-01-25.pdf

GBRA 2022 LI 20220126.pdf

GBRA 2022 BP 20220126.pdf

GBRA 2023 LI 20220126.pdf



## Abridged Application

Due by midnight on February 1, 2022

Submit via Email: [SWIFT@twdb.texas.gov](mailto:SWIFT@twdb.texas.gov)

Apply Online: <https://ola.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.

### GENERAL INFORMATION

| Entity Name  |              | County  | Regional Water Planning Area |
|--|--------------|---|------------------------------|
| Guadalupe-Blanco River Authority   |              | Caldwell, Calhoun, Comal, Dewitt, Gonzales, Guadalupe, Hays, Kendall, Refugio, Victoria | L - South Central Texas      |
| <b>Contact</b><br>Who should TWDB contact with questions during the review of this submission? | <b>Name</b>  | Darrell W. Nichols  |                              |
|  | <b>Title</b> | Senior Deputy General Manager   |                              |
|  | <b>Phone</b> | 830-379-5822  |                              |
|  | <b>Email</b> | dnichols@gbra.org   |                              |

### PROJECT DESCRIPTION

|  |  |                       |  |
|--|--|-----------------------|--|
| <b>Project Name</b><br>As it appears in the <b>2022 State Water Plan</b>   | ARWA/GBRA Project (Phase 1)  |                       |  |
| <b>Where can the project be found in the 2021 Regional Water Plan?</b><br><br>TWDB Staff will utilize information from both the State and Regional water plans to identify and review the project. | <b>The project is described on page #:</b>   | 5.1-11 & 5.2.12-1     |  |
|  | <b>The capital cost is listed on page #:</b>   | 5.2.12-26 & 5.2.12-27 |  |
| <b>Phase(s) Applied For</b>  | <input checked="" type="checkbox"/> Planning <input checked="" type="checkbox"/> Acquisition <input checked="" type="checkbox"/> Design <input checked="" type="checkbox"/> Construction |                       |  |
| <b>Population Served When Fully Operational</b>  | 59,800 @ 2030 and 135,700 @ 2070 per 2022 State Water Plan data.   |                       |  |



## **DESCRIPTION OF PROPOSED PROJECT COMPONENTS**

Please be sure this description includes all major project components and clearly states what the project seeks to accomplish. A high level of detail is not necessary at this stage—such information is collected later in the application process—but the description should make clear that the proposed work is the same as identified in the regional water plan.

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.

In 2018, GBRA received a \$165,855,000 multi-year SWIFT funding commitment (TWDB Project No. 51055) for Phase 1 of the MBWSP referred to as the Carrizo Groundwater Supply Project (CGSP). GBRA facilities for the CGSP include a 15,000 acft/yr well field, raw water collection and transmission pipelines, terminal delivery pipelines to Lockhart and New Braunfels Utilities, and improvements at the San Marcos Water Treatment Plant high service pump station to accommodate treated water deliveries to Goforth SUD through GBRA's existing IH35 Treated Water Delivery System. On June 27, 2018, GBRA and Alliance Regional Water Authority (ARWA) entered into an agreement to share water treatment and transmission facilities for a portion of ARWA's Phase 1B Project (TWDB Project No. 51044) and GBRA's CGSP. More specifically, these shared project facilities include the water treatment plant, treated water transmission pipeline segments (A, B, D, and E1 in ARWA project nomenclature), a booster pump station, and an inline elevated storage tank. In 2020, GBRA received a supplemental \$47,100,000 SWIFT funding commitment to cover updated project cost and contingency estimates resulting from more detailed preliminary engineering analyses, increasing construction and construction materials costs, and revision of ARWA's initial capacity components in shared facilities.

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|   |   |
|---|---|
| <b>Emergency</b><br>Select all that apply | <input type="checkbox"/> Applicant/entity's water supply will last less than 180 days.<br><input type="checkbox"/> Applicant has received or applied for Federal emergency funding.<br><input checked="" type="checkbox"/> None of the above. |
|---|---|

| Agricultural Efficiency Project? |  |
|----------------------------------|--|
| <input type="checkbox"/> Yes     | <input checked="" type="checkbox"/> No |

|  |                                  |                                    |
|--|----------------------------------|------------------------------------|
| <b>If "Yes," agricultural efficiency improvement achieved by implementing the project:</b><br>Please provide an attachment showing the basis for your calculation. | <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% |                                    |
|  |                                  |                                    |

| Household Cost Factor   |  |  |  |
|---|--|--|--|
| Household Cost Factor 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. |  |  |  |

|   |              |  |                 |
|---|--------------|--|-----------------|
| <b>Estimated average annual residential water bill:</b> | \$660 @ 2019 | <b>Annual Median Household Income:</b> | \$58,615 @ 2019 |
|---|--------------|--|-----------------|

|  |   |
|--|---|
| <b>The proposed project addresses:</b> | <input type="checkbox"/> Conservation <input type="checkbox"/> Water Loss <input checked="" type="checkbox"/> N/A |
|--|---|

| Volume of Water Produced/Conserved (in Acre/Feet per Year)   |  |  |  |  |  |  |
|--|--|--|--|--|--|--|
| Please provide the total water supply project yield of the entire project on an annual basis in acre-feet per year, for each planning decade. A water volume in the 2040 decade, for example, is assumed to come online in or prior to the year 2040 but is a snapshot annual volume for that decade; it is not a sum of the annual use in the decade. |  |  |  |  |  |  |

| 2020 | 2030  | 2040  | 2050  | 2060  | 2070  |
|------|-------|-------|-------|-------|-------|
| 0    | 9,500 | 9,500 | 9,500 | 9,500 | 9,500 |

|  |  |
|--|--|
| <b>Readiness to Proceed</b><br>Select all that apply | <input checked="" type="checkbox"/> Preliminary planning or design work (30% of total project) has been completed or is not required.<br><input checked="" type="checkbox"/> Applicant is prepared to begin implementation or construction within 18 months of application deadline.<br><input type="checkbox"/> Applicant has acquired all water rights associated with the proposed project, or none will be required. |
|--|--|

## ESTIMATED COSTS

|                                      |                |
|--------------------------------------|----------------|
| <b>Low-interest Loan</b>             | \$ 110,000,000 |
| <b>Deferred Loan</b>                 | \$ 0           |
| <b>Board Participation</b>           | \$ 10,000,000  |
| <b>Local Contribution</b>            | \$ 45,000,000  |
| <b>Other:</b>                        | \$ 0           |
| <b>Total Estimated Project Costs</b> | \$ 165,000,000 |

|   |   |
|---|---|
| <b>Anticipated Commitments</b><br>Please attach proposed schedule for multi-year commitments. | <input type="checkbox"/> One-Time Commitment <input checked="" type="checkbox"/> Multi-Year Commitments |
|---|---|

|  |  |
|--|--|
| <b>Anticipated Debt Service Structure</b><br>Please attach explanation if requesting non-level debt service. | <input type="checkbox"/> Level <input checked="" type="checkbox"/> Other Request |
|--|--|

## LIST OF WATER SYSTEMS SERVED BY THE PROPOSED PROJECT

| NAME*   | PWS ID    |
|---|-----------|
| Goforth Special Utility District  | TX1050019 |
| County Line Special Utility District  | TX1050038 |
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| *SWIFT funding for Goforth SUD and other customers (i.e., New Braunfels Utilities & City of Lockhart) of the initial phase of the Mid-Basin Water Supply Project (identified as the Carrizo Groundwater Supply Project) has been previously obtained under TWDB Project No. 51055). |           |
|   |           |

## ATTACHMENTS CHECKLIST

- Methodology for determining agricultural conservation savings (if applicable)
- Proposed multi-year commitment schedule (if applicable)
- Proposed debt service structure (if applicable)

## SUBMITTAL

|                                 |  |
|---------------------------------|--|
| <b>Instructions</b>             | To submit your Abridged Application via email, please send this form to <a href="mailto:SWIFT@twdb.texas.gov">SWIFT@twdb.texas.gov</a> .   |
|                                 | To submit your Abridged Application using TWDB's Online Loan Application tool, please visit <a href="https://ola.twdb.texas.gov">https://ola.twdb.texas.gov</a> .  |
| <b>TWDB Contact Information</b> | If you would like to schedule a meeting to discuss your project with TWDB staff, please contact the Regional Project Development Team for your region: <a href="http://www.twdb.texas.gov/financial/programs/swift/regional_project_teams.asp">http://www.twdb.texas.gov/financial/programs/swift/regional_project_teams.asp</a> . |
|                                 | For general SWIFT program inquiries, please email <a href="mailto:SWIFT@twdb.texas.gov">SWIFT@twdb.texas.gov</a> .   |

**PROJECT BUDGET - GBRA CGSP - TX130**

| Budgeted Items                                 | 2022                | 2023                | Other Contribution  | Total                | TWDB Total           |
|--|---------------------|---------------------|---------------------|----------------------|----------------------|
| <b>Construction</b>                            |                     |                     |                     |                      |                      |
| WF PH2 Drilling                                | \$9,370,400         | \$0                 | \$3,756,000         | \$13,126,400         | \$9,370,400          |
| WF Surface Fac. & Upsizing                     | \$0                 | \$5,177,700         | \$2,075,400         | \$7,253,100          | \$5,177,700          |
| RW PH1 Expansion                               | \$2,517,300         | \$0                 | \$1,009,000         | \$3,526,300          | \$2,517,300          |
| WTP PH1 Expansion                              | \$0                 | \$21,685,800        | \$8,692,600         | \$30,378,400         | \$21,685,800         |
| Segment A PH1 Expansion                        | \$7,723,800         | \$0                 | \$3,096,000         | \$10,819,800         | \$7,723,800          |
| Lockhart PH1 Expansion                         | \$312,900           | \$0                 | \$125,400           | \$438,300            | \$312,900            |
| Lockhart Loop Pipeline                         | \$0                 | \$9,939,800         | \$3,984,300         | \$13,924,100         | \$9,939,800          |
| Northern Pipeline & GST                        | \$0                 | \$21,945,800        | \$8,796,800         | \$30,742,600         | \$21,945,800         |
| <b>Subtotal for Construction</b>               | <b>\$19,924,400</b> | <b>\$58,749,100</b> | <b>\$31,535,500</b> | <b>\$110,209,000</b> | <b>\$78,673,500</b>  |
| <b>Basic Engineering Services</b>              |                     |                     |                     |                      |                      |
| Planning                                       | \$1,893,700         | \$0                 | \$759,000           | \$2,652,700          | \$1,893,700          |
| Design   | \$4,526,500         | \$0                 | \$1,814,400         | \$6,340,900          | \$4,526,500          |
| Construction Engineering                       | \$1,056,900         | \$1,960,800         | \$1,209,600         | \$4,227,300          | \$3,017,700          |
| <b>Subtotal for Basic Engineering Services</b> | <b>\$7,477,100</b>  | <b>\$1,960,800</b>  | <b>\$3,783,000</b>  | <b>\$13,220,900</b>  | <b>\$9,437,900</b>   |
| <b>Special Services</b>                        |                     |                     |                     |                      |                      |
| Environmental                                  | \$494,900           | \$0                 | \$198,400           | \$693,300            | \$494,900            |
| Surveying <sup>1</sup>                         | \$0                 | \$0                 | \$0                 | \$0                  | \$0                  |
| Geotechnical <sup>1</sup>                      | \$0                 | \$0                 | \$0                 | \$0                  | \$0                  |
| <b>Subtotal for Special Services</b>           | <b>\$494,900</b>    | <b>\$0</b>          | <b>\$198,400</b>    | <b>\$693,300</b>     | <b>\$494,900</b>     |
| <b>Fiscal Services</b>                         |                     |                     |                     |                      |                      |
| Financial Advisor                              | \$160,800           | \$241,300           | \$0                 | \$402,100            | \$402,100            |
| Bond Counsel                                   | \$202,100           | \$303,100           | \$0                 | \$505,200            | \$505,200            |
| Issuance Cost                                  | \$38,600            | \$57,900            | \$0                 | \$96,500             | \$96,500             |
| Attorney General's Fee                         | \$9,500             | \$9,500             | \$0                 | \$19,000             | \$19,000             |
| Capitalized Interest                           | \$2,684,500         | \$4,026,700         | \$0                 | \$6,711,200          | \$6,711,200          |
| <b>Subtotal Fiscal Services</b>                | <b>\$3,095,500</b>  | <b>\$4,638,500</b>  | <b>\$0</b>          | <b>\$7,734,000</b>   | <b>\$7,734,000</b>   |
| <b>Other</b>                                   |                     |                     |                     |                      |                      |
| Land/Easements Acquisition                     | \$1,911,000         | \$0                 | \$766,000           | \$2,677,000          | \$1,911,000          |
| Water Rights Purchase                          | \$0                 | \$0                 | \$0                 | \$0                  | \$0                  |
| Lease Payments                                 | \$0                 | \$2,430,000         | \$974,100           | \$3,404,100          | \$2,430,000          |
| District Fees                                  | \$0                 | \$0                 | \$0                 | \$0                  | \$0                  |
| Other (Legal)                                  | \$0                 | \$0                 | \$0                 | \$0                  | \$0                  |
| Other - Additional Capacity                    | \$0                 | \$0                 | \$0                 | \$0                  | \$0                  |
| <b>Subtotal for Other Services</b>             | <b>\$1,911,000</b>  | <b>\$2,430,000</b>  | <b>\$1,740,100</b>  | <b>\$6,081,100</b>   | <b>\$4,341,000</b>   |
| <b>Contingency</b>                             |                     |                     |                     |                      |                      |
| Contingency                                    | \$6,767,100         | \$12,551,600        | \$7,743,000         | \$27,061,700         | \$19,318,700         |
| <b>Subtotal for Contingency</b>                |                     |                     |                     |                      |                      |
| <b>Total</b>                                   | <b>\$39,670,000</b> | <b>\$80,330,000</b> | <b>\$45,000,000</b> | <b>\$165,000,000</b> | <b>\$120,000,000</b> |

1 - items included in preliminary engineering (planning)

**NET DEBT SERVICE**

**Guadalupe Blanco River Authority  
2022 Low Interest**

| Date       | Principal  | Coupon | Interest      | Total Debt Service | Capitalized Interest Fund | Net Debt Service | Annual Net D/S |
|------------|------------|--------|---------------|--------------------|---------------------------|------------------|----------------|
| 02/15/2023 |            |        | 193,059.89    | 193,059.89         | 193,059.89                |                  |                |
| 08/15/2023 |            |        | 399,434.25    | 399,434.25         | 399,434.25                |                  |                |
| 02/15/2024 |            |        | 399,434.25    | 399,434.25         | 399,434.25                |                  |                |
| 08/15/2024 |            |        | 399,434.25    | 399,434.25         | 399,434.25                |                  |                |
| 02/15/2025 |            |        | 399,434.25    | 399,434.25         | 399,434.25                |                  |                |
| 08/15/2025 |            |        | 399,434.25    | 399,434.25         | 399,434.25                |                  |                |
| 02/15/2026 |            |        | 399,434.25    | 399,434.25         |                           | 399,434.25       |                |
| 08/15/2026 |            |        | 399,434.25    | 399,434.25         |                           | 399,434.25       | 798,868.50     |
| 02/15/2027 |            |        | 399,434.25    | 399,434.25         |                           | 399,434.25       |                |
| 08/15/2027 | 845,000    | 1.580% | 399,434.25    | 1,244,434.25       |                           | 1,244,434.25     | 1,643,868.50   |
| 02/15/2028 |            |        | 392,758.75    | 392,758.75         |                           | 392,758.75       |                |
| 08/15/2028 | 860,000    | 1.670% | 392,758.75    | 1,252,758.75       |                           | 1,252,758.75     | 1,645,517.50   |
| 02/15/2029 |            |        | 385,577.75    | 385,577.75         |                           | 385,577.75       |                |
| 08/15/2029 | 875,000    | 1.750% | 385,577.75    | 1,260,577.75       |                           | 1,260,577.75     | 1,646,155.50   |
| 02/15/2030 |            |        | 377,921.50    | 377,921.50         |                           | 377,921.50       |                |
| 08/15/2030 | 890,000    | 1.810% | 377,921.50    | 1,267,921.50       |                           | 1,267,921.50     | 1,645,843.00   |
| 02/15/2031 |            |        | 369,867.00    | 369,867.00         |                           | 369,867.00       |                |
| 08/15/2031 | 905,000    | 1.860% | 369,867.00    | 1,274,867.00       |                           | 1,274,867.00     | 1,644,734.00   |
| 02/15/2032 |            |        | 361,450.50    | 361,450.50         |                           | 361,450.50       |                |
| 08/15/2032 | 925,000    | 1.890% | 361,450.50    | 1,286,450.50       |                           | 1,286,450.50     | 1,647,901.00   |
| 02/15/2033 |            |        | 352,709.25    | 352,709.25         |                           | 352,709.25       |                |
| 08/15/2033 | 940,000    | 1.900% | 352,709.25    | 1,292,709.25       |                           | 1,292,709.25     | 1,645,418.50   |
| 02/15/2034 |            |        | 343,779.25    | 343,779.25         |                           | 343,779.25       |                |
| 08/15/2034 | 960,000    | 2.140% | 343,779.25    | 1,303,779.25       |                           | 1,303,779.25     | 1,647,558.50   |
| 02/15/2035 |            |        | 333,507.25    | 333,507.25         |                           | 333,507.25       |                |
| 08/15/2035 | 980,000    | 2.340% | 333,507.25    | 1,313,507.25       |                           | 1,313,507.25     | 1,647,014.50   |
| 02/15/2036 |            |        | 322,041.25    | 322,041.25         |                           | 322,041.25       |                |
| 08/15/2036 | 1,000,000  | 2.440% | 322,041.25    | 1,322,041.25       |                           | 1,322,041.25     | 1,644,082.50   |
| 02/15/2037 |            |        | 309,841.25    | 309,841.25         |                           | 309,841.25       |                |
| 08/15/2037 | 1,025,000  | 2.550% | 309,841.25    | 1,334,841.25       |                           | 1,334,841.25     | 1,644,682.50   |
| 02/15/2038 |            |        | 296,772.50    | 296,772.50         |                           | 296,772.50       |                |
| 08/15/2038 | 1,055,000  | 2.640% | 296,772.50    | 1,351,772.50       |                           | 1,351,772.50     | 1,648,545.00   |
| 02/15/2039 |            |        | 282,846.50    | 282,846.50         |                           | 282,846.50       |                |
| 08/15/2039 | 1,080,000  | 2.730% | 282,846.50    | 1,362,846.50       |                           | 1,362,846.50     | 1,645,693.00   |
| 02/15/2040 |            |        | 268,104.50    | 268,104.50         |                           | 268,104.50       |                |
| 08/15/2040 | 1,110,000  | 2.800% | 268,104.50    | 1,378,104.50       |                           | 1,378,104.50     | 1,646,209.00   |
| 02/15/2041 |            |        | 252,564.50    | 252,564.50         |                           | 252,564.50       |                |
| 08/15/2041 | 1,140,000  | 2.860% | 252,564.50    | 1,392,564.50       |                           | 1,392,564.50     | 1,645,129.00   |
| 02/15/2042 |            |        | 236,262.50    | 236,262.50         |                           | 236,262.50       |                |
| 08/15/2042 | 1,175,000  | 2.920% | 236,262.50    | 1,411,262.50       |                           | 1,411,262.50     | 1,647,525.00   |
| 02/15/2043 |            |        | 219,107.50    | 219,107.50         |                           | 219,107.50       |                |
| 08/15/2043 | 1,210,000  | 2.990% | 219,107.50    | 1,429,107.50       |                           | 1,429,107.50     | 1,648,215.00   |
| 02/15/2044 |            |        | 201,018.00    | 201,018.00         |                           | 201,018.00       |                |
| 08/15/2044 | 1,245,000  | 3.030% | 201,018.00    | 1,446,018.00       |                           | 1,446,018.00     | 1,647,036.00   |
| 02/15/2045 |            |        | 182,156.25    | 182,156.25         |                           | 182,156.25       |                |
| 08/15/2045 | 1,280,000  | 3.080% | 182,156.25    | 1,462,156.25       |                           | 1,462,156.25     | 1,644,312.50   |
| 02/15/2046 |            |        | 162,444.25    | 162,444.25         |                           | 162,444.25       |                |
| 08/15/2046 | 1,320,000  | 3.110% | 162,444.25    | 1,482,444.25       |                           | 1,482,444.25     | 1,644,888.50   |
| 02/15/2047 |            |        | 141,918.25    | 141,918.25         |                           | 141,918.25       |                |
| 08/15/2047 | 1,360,000  | 3.140% | 141,918.25    | 1,501,918.25       |                           | 1,501,918.25     | 1,643,836.50   |
| 02/15/2048 |            |        | 120,566.25    | 120,566.25         |                           | 120,566.25       |                |
| 08/15/2048 | 1,405,000  | 3.170% | 120,566.25    | 1,525,566.25       |                           | 1,525,566.25     | 1,646,132.50   |
| 02/15/2049 |            |        | 98,297.00     | 98,297.00          |                           | 98,297.00        |                |
| 08/15/2049 | 1,450,000  | 3.200% | 98,297.00     | 1,548,297.00       |                           | 1,548,297.00     | 1,646,594.00   |
| 02/15/2050 |            |        | 75,097.00     | 75,097.00          |                           | 75,097.00        |                |
| 08/15/2050 | 1,495,000  | 3.220% | 75,097.00     | 1,570,097.00       |                           | 1,570,097.00     | 1,645,194.00   |
| 02/15/2051 |            |        | 51,027.50     | 51,027.50          |                           | 51,027.50        |                |
| 08/15/2051 | 1,545,000  | 3.240% | 51,027.50     | 1,596,027.50       |                           | 1,596,027.50     | 1,647,055.00   |
| 02/15/2052 |            |        | 25,998.50     | 25,998.50          |                           | 25,998.50        |                |
| 08/15/2052 | 1,595,000  | 3.260% | 25,998.50     | 1,620,998.50       |                           | 1,620,998.50     | 1,646,997.00   |
|            | 29,670,000 |        | 16,115,237.64 | 45,785,237.64      | 2,190,231.14              | 43,595,006.50    | 43,595,006.50  |

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**SOURCES AND USES OF FUNDS**

**Guadalupe Blanco River Authority  
2022 Low Interest**

Dated Date           11/18/2022  
Delivery Date       11/18/2022

**Sources:**

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|                       |               |
|-----------------------|---------------|
| <b>Bond Proceeds:</b> |               |
| Par Amount            | 29,670,000.00 |
|                       | <hr/>         |
|                       | 29,670,000.00 |
|                       | <hr/>         |

**Uses:**

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|                               |               |
|-------------------------------|---------------|
| <b>Project Fund Deposits:</b> |               |
| Project Fund                  | 27,479,768.86 |
|                               | <hr/>         |
| <b>Other Fund Deposits:</b>   |               |
| Capitalized Interest Fund     | 2,190,231.14  |
|                               | <hr/>         |
|                               | 29,670,000.00 |
|                               | <hr/>         |

**BOND DEBT SERVICE**

**Guadalupe Blanco River Authority  
2022 Low Interest**

| Period Ending | Principal  | Coupon | Interest      | Debt Service  | Annual Debt Service |
|---------------|------------|--------|---------------|---------------|---------------------|
| 02/15/2023    |            |        | 193,059.89    | 193,059.89    |                     |
| 08/15/2023    |            |        | 399,434.25    | 399,434.25    | 592,494.14          |
| 02/15/2024    |            |        | 399,434.25    | 399,434.25    |                     |
| 08/15/2024    |            |        | 399,434.25    | 399,434.25    | 798,868.50          |
| 02/15/2025    |            |        | 399,434.25    | 399,434.25    |                     |
| 08/15/2025    |            |        | 399,434.25    | 399,434.25    | 798,868.50          |
| 02/15/2026    |            |        | 399,434.25    | 399,434.25    |                     |
| 08/15/2026    |            |        | 399,434.25    | 399,434.25    | 798,868.50          |
| 02/15/2027    |            |        | 399,434.25    | 399,434.25    |                     |
| 08/15/2027    | 845,000    | 1.580% | 399,434.25    | 1,244,434.25  | 1,643,868.50        |
| 02/15/2028    |            |        | 392,758.75    | 392,758.75    |                     |
| 08/15/2028    | 860,000    | 1.670% | 392,758.75    | 1,252,758.75  | 1,645,517.50        |
| 02/15/2029    |            |        | 385,577.75    | 385,577.75    |                     |
| 08/15/2029    | 875,000    | 1.750% | 385,577.75    | 1,260,577.75  | 1,646,155.50        |
| 02/15/2030    |            |        | 377,921.50    | 377,921.50    |                     |
| 08/15/2030    | 890,000    | 1.810% | 377,921.50    | 1,267,921.50  | 1,645,843.00        |
| 02/15/2031    |            |        | 369,867.00    | 369,867.00    |                     |
| 08/15/2031    | 905,000    | 1.860% | 369,867.00    | 1,274,867.00  | 1,644,734.00        |
| 02/15/2032    |            |        | 361,450.50    | 361,450.50    |                     |
| 08/15/2032    | 925,000    | 1.890% | 361,450.50    | 1,286,450.50  | 1,647,901.00        |
| 02/15/2033    |            |        | 352,709.25    | 352,709.25    |                     |
| 08/15/2033    | 940,000    | 1.900% | 352,709.25    | 1,292,709.25  | 1,645,418.50        |
| 02/15/2034    |            |        | 343,779.25    | 343,779.25    |                     |
| 08/15/2034    | 960,000    | 2.140% | 343,779.25    | 1,303,779.25  | 1,647,558.50        |
| 02/15/2035    |            |        | 333,507.25    | 333,507.25    |                     |
| 08/15/2035    | 980,000    | 2.340% | 333,507.25    | 1,313,507.25  | 1,647,014.50        |
| 02/15/2036    |            |        | 322,041.25    | 322,041.25    |                     |
| 08/15/2036    | 1,000,000  | 2.440% | 322,041.25    | 1,322,041.25  | 1,644,082.50        |
| 02/15/2037    |            |        | 309,841.25    | 309,841.25    |                     |
| 08/15/2037    | 1,025,000  | 2.550% | 309,841.25    | 1,334,841.25  | 1,644,682.50        |
| 02/15/2038    |            |        | 296,772.50    | 296,772.50    |                     |
| 08/15/2038    | 1,055,000  | 2.640% | 296,772.50    | 1,351,772.50  | 1,648,545.00        |
| 02/15/2039    |            |        | 282,846.50    | 282,846.50    |                     |
| 08/15/2039    | 1,080,000  | 2.730% | 282,846.50    | 1,362,846.50  | 1,645,693.00        |
| 02/15/2040    |            |        | 268,104.50    | 268,104.50    |                     |
| 08/15/2040    | 1,110,000  | 2.800% | 268,104.50    | 1,378,104.50  | 1,646,209.00        |
| 02/15/2041    |            |        | 252,564.50    | 252,564.50    |                     |
| 08/15/2041    | 1,140,000  | 2.860% | 252,564.50    | 1,392,564.50  | 1,645,129.00        |
| 02/15/2042    |            |        | 236,262.50    | 236,262.50    |                     |
| 08/15/2042    | 1,175,000  | 2.920% | 236,262.50    | 1,411,262.50  | 1,647,525.00        |
| 02/15/2043    |            |        | 219,107.50    | 219,107.50    |                     |
| 08/15/2043    | 1,210,000  | 2.990% | 219,107.50    | 1,429,107.50  | 1,648,215.00        |
| 02/15/2044    |            |        | 201,018.00    | 201,018.00    |                     |
| 08/15/2044    | 1,245,000  | 3.030% | 201,018.00    | 1,446,018.00  | 1,647,036.00        |
| 02/15/2045    |            |        | 182,156.25    | 182,156.25    |                     |
| 08/15/2045    | 1,280,000  | 3.080% | 182,156.25    | 1,462,156.25  | 1,644,312.50        |
| 02/15/2046    |            |        | 162,444.25    | 162,444.25    |                     |
| 08/15/2046    | 1,320,000  | 3.110% | 162,444.25    | 1,482,444.25  | 1,644,888.50        |
| 02/15/2047    |            |        | 141,918.25    | 141,918.25    |                     |
| 08/15/2047    | 1,360,000  | 3.140% | 141,918.25    | 1,501,918.25  | 1,643,836.50        |
| 02/15/2048    |            |        | 120,566.25    | 120,566.25    |                     |
| 08/15/2048    | 1,405,000  | 3.170% | 120,566.25    | 1,525,566.25  | 1,646,132.50        |
| 02/15/2049    |            |        | 98,297.00     | 98,297.00     |                     |
| 08/15/2049    | 1,450,000  | 3.200% | 98,297.00     | 1,548,297.00  | 1,646,594.00        |
| 02/15/2050    |            |        | 75,097.00     | 75,097.00     |                     |
| 08/15/2050    | 1,495,000  | 3.220% | 75,097.00     | 1,570,097.00  | 1,645,194.00        |
| 02/15/2051    |            |        | 51,027.50     | 51,027.50     |                     |
| 08/15/2051    | 1,545,000  | 3.240% | 51,027.50     | 1,596,027.50  | 1,647,055.00        |
| 02/15/2052    |            |        | 25,998.50     | 25,998.50     |                     |
| 08/15/2052    | 1,595,000  | 3.260% | 25,998.50     | 1,620,998.50  | 1,646,997.00        |
|               | 29,670,000 |        | 16,115,237.64 | 45,785,237.64 | 45,785,237.64       |



**NET DEBT SERVICE**

**Guadalupe Blanco River Authority  
2022 Board Participation**

| Date       | Principal  | Coupon | Interest      | Total Debt Service | Interest Deferral | Net Debt Service | Annual Net D/S |
|------------|------------|--------|---------------|--------------------|-------------------|------------------|----------------|
| 08/15/2023 |            |        | 266,690.73    | 266,690.73         | -266,690.73       |                  |                |
| 02/15/2024 |            |        | 179,791.50    | 179,791.50         | -179,791.50       |                  |                |
| 08/15/2024 |            |        | 179,791.50    | 179,791.50         | -179,791.50       |                  |                |
| 02/15/2025 |            |        | 179,791.50    | 179,791.50         | -179,791.50       |                  |                |
| 08/15/2025 |            |        | 179,791.50    | 179,791.50         | -179,791.50       |                  |                |
| 02/15/2026 |            |        | 179,791.50    | 179,791.50         | -143,833.20       | 35,958.30        |                |
| 08/15/2026 |            |        | 179,791.50    | 179,791.50         | -143,833.20       | 35,958.30        | 71,916.60      |
| 02/15/2027 |            |        | 179,791.50    | 179,791.50         | -143,833.20       | 35,958.30        |                |
| 08/15/2027 |            |        | 179,791.50    | 179,791.50         | -143,833.20       | 35,958.30        | 71,916.60      |
| 02/15/2028 |            |        | 179,791.50    | 179,791.50         | -125,854.05       | 53,937.45        |                |
| 08/15/2028 |            |        | 179,791.50    | 179,791.50         | -125,854.05       | 53,937.45        | 107,874.90     |
| 02/15/2029 |            |        | 179,791.50    | 179,791.50         | -107,874.90       | 71,916.60        |                |
| 08/15/2029 |            |        | 179,791.50    | 179,791.50         | -107,874.90       | 71,916.60        | 143,833.20     |
| 02/15/2030 |            |        | 179,791.50    | 179,791.50         | -80,906.18        | 98,885.32        |                |
| 08/15/2030 |            |        | 179,791.50    | 179,791.50         | -80,906.18        | 98,885.32        | 197,770.64     |
| 02/15/2031 |            |        | 179,791.50    | 179,791.50         | -53,937.45        | 125,854.05       |                |
| 08/15/2031 |            |        | 179,791.50    | 179,791.50         | -53,937.45        | 125,854.05       | 251,708.10     |
| 02/15/2032 |            |        | 179,791.50    | 179,791.50         | -26,968.73        | 152,822.77       |                |
| 08/15/2032 |            |        | 179,791.50    | 179,791.50         | -26,968.73        | 152,822.77       | 305,645.54     |
| 02/15/2033 |            |        | 179,791.50    | 179,791.50         |                   | 179,791.50       |                |
| 08/15/2033 |            |        | 179,791.50    | 179,791.50         |                   | 179,791.50       | 359,583.00     |
| 02/15/2034 |            |        | 179,791.50    | 179,791.50         |                   | 179,791.50       |                |
| 08/15/2034 |            |        | 179,791.50    | 179,791.50         |                   | 179,791.50       | 359,583.00     |
| 02/15/2035 |            |        | 179,791.50    | 179,791.50         |                   | 179,791.50       |                |
| 08/15/2035 |            |        | 179,791.50    | 179,791.50         |                   | 179,791.50       | 359,583.00     |
| 02/15/2036 |            |        | 179,791.50    | 179,791.50         | 168,019.44        | 347,810.94       |                |
| 08/15/2036 |            |        | 179,791.50    | 179,791.50         | 168,019.44        | 347,810.94       | 695,621.88     |
| 02/15/2037 |            |        | 179,791.50    | 179,791.50         | 168,019.44        | 347,810.94       |                |
| 08/15/2037 |            |        | 179,791.50    | 179,791.50         | 168,019.44        | 347,810.94       | 695,621.88     |
| 02/15/2038 |            |        | 179,791.50    | 179,791.50         | 168,019.44        | 347,810.94       |                |
| 08/15/2038 |            |        | 179,791.50    | 179,791.50         | 168,019.44        | 347,810.94       | 695,621.88     |
| 02/15/2039 |            |        | 179,791.50    | 179,791.50         | 168,019.44        | 347,810.94       |                |
| 08/15/2039 |            |        | 179,791.50    | 179,791.50         | 168,019.44        | 347,810.94       | 695,621.88     |
| 02/15/2040 |            |        | 179,791.50    | 179,791.50         | 168,019.44        | 347,810.94       |                |
| 08/15/2040 |            |        | 179,791.50    | 179,791.50         | 168,019.44        | 347,810.94       | 695,621.88     |
| 02/15/2041 |            |        | 179,791.50    | 179,791.50         | 168,019.44        | 347,810.94       |                |
| 08/15/2041 |            |        | 179,791.50    | 179,791.50         | 168,019.44        | 347,810.94       | 695,621.88     |
| 02/15/2042 |            |        | 179,791.50    | 179,791.50         | 168,019.44        | 347,810.94       |                |
| 08/15/2042 |            |        | 179,791.50    | 179,791.50         | 168,019.43        | 347,810.93       | 695,621.87     |
| 02/15/2043 |            |        | 179,791.50    | 179,791.50         |                   | 179,791.50       |                |
| 08/15/2043 | 520,000    | 3.320% | 179,791.50    | 699,791.50         |                   | 699,791.50       | 879,583.00     |
| 02/15/2044 |            |        | 171,159.50    | 171,159.50         |                   | 171,159.50       |                |
| 08/15/2044 | 535,000    | 3.370% | 171,159.50    | 706,159.50         |                   | 706,159.50       | 877,319.00     |
| 02/15/2045 |            |        | 162,144.75    | 162,144.75         |                   | 162,144.75       |                |
| 08/15/2045 | 555,000    | 3.430% | 162,144.75    | 717,144.75         |                   | 717,144.75       | 879,289.50     |
| 02/15/2046 |            |        | 152,626.50    | 152,626.50         |                   | 152,626.50       |                |
| 08/15/2046 | 575,000    | 3.460% | 152,626.50    | 727,626.50         |                   | 727,626.50       | 880,253.00     |
| 02/15/2047 |            |        | 142,679.00    | 142,679.00         |                   | 142,679.00       |                |
| 08/15/2047 | 590,000    | 3.500% | 142,679.00    | 732,679.00         |                   | 732,679.00       | 875,358.00     |
| 02/15/2048 |            |        | 132,354.00    | 132,354.00         |                   | 132,354.00       |                |
| 08/15/2048 | 615,000    | 3.530% | 132,354.00    | 747,354.00         |                   | 747,354.00       | 879,708.00     |
| 02/15/2049 |            |        | 121,499.25    | 121,499.25         |                   | 121,499.25       |                |
| 08/15/2049 | 635,000    | 3.560% | 121,499.25    | 756,499.25         |                   | 756,499.25       | 877,998.50     |
| 02/15/2050 |            |        | 110,196.25    | 110,196.25         |                   | 110,196.25       |                |
| 08/15/2050 | 655,000    | 3.580% | 110,196.25    | 765,196.25         |                   | 765,196.25       | 875,392.50     |
| 02/15/2051 |            |        | 98,471.75     | 98,471.75          |                   | 98,471.75        |                |
| 08/15/2051 | 680,000    | 3.610% | 98,471.75     | 778,471.75         |                   | 778,471.75       | 876,943.50     |
| 02/15/2052 |            |        | 86,197.75     | 86,197.75          |                   | 86,197.75        |                |
| 08/15/2052 | 705,000    | 3.630% | 86,197.75     | 791,197.75         |                   | 791,197.75       | 877,395.50     |
| 02/15/2053 |            |        | 73,402.00     | 73,402.00          |                   | 73,402.00        |                |
| 08/15/2053 | 730,000    | 3.690% | 73,402.00     | 803,402.00         |                   | 803,402.00       | 876,804.00     |
| 02/15/2054 |            |        | 59,933.50     | 59,933.50          |                   | 59,933.50        |                |
| 08/15/2054 | 760,000    | 3.740% | 59,933.50     | 819,933.50         |                   | 819,933.50       | 879,867.00     |
| 02/15/2055 |            |        | 45,721.50     | 45,721.50          |                   | 45,721.50        |                |
| 08/15/2055 | 785,000    | 3.740% | 45,721.50     | 830,721.50         |                   | 830,721.50       | 876,443.00     |
| 02/15/2056 |            |        | 31,042.00     | 31,042.00          |                   | 31,042.00        |                |
| 08/15/2056 | 815,000    | 3.740% | 31,042.00     | 846,042.00         |                   | 846,042.00       | 877,084.00     |
| 02/15/2057 |            |        | 15,801.50     | 15,801.50          |                   | 15,801.50        |                |
| 08/15/2057 | 845,000    | 3.740% | 15,801.50     | 860,801.50         |                   | 860,801.50       | 876,603.00     |
|            | 10,000,000 |        | 10,264,809.23 | 20,264,809.23      | 0.00              | 20,264,809.23    | 20,264,809.23  |

**NET DEBT SERVICE**

**Guadalupe Blanco River Authority  
2022 Board Participation**

| Period<br>Ending | Principal         | Coupon | Interest             | Total<br>Debt Service | Interest<br>Deferral | Net<br>Debt Service  |
|------------------|-------------------|--------|----------------------|-----------------------|----------------------|----------------------|
| 08/15/2023       |                   |        | 266,690.73           | 266,690.73            | -266,690.73          |                      |
| 08/15/2024       |                   |        | 359,583.00           | 359,583.00            | -359,583.00          |                      |
| 08/15/2025       |                   |        | 359,583.00           | 359,583.00            | -359,583.00          |                      |
| 08/15/2026       |                   |        | 359,583.00           | 359,583.00            | -287,666.40          | 71,916.60            |
| 08/15/2027       |                   |        | 359,583.00           | 359,583.00            | -287,666.40          | 71,916.60            |
| 08/15/2028       |                   |        | 359,583.00           | 359,583.00            | -251,708.10          | 107,874.90           |
| 08/15/2029       |                   |        | 359,583.00           | 359,583.00            | -215,749.80          | 143,833.20           |
| 08/15/2030       |                   |        | 359,583.00           | 359,583.00            | -161,812.36          | 197,770.64           |
| 08/15/2031       |                   |        | 359,583.00           | 359,583.00            | -107,874.90          | 251,708.10           |
| 08/15/2032       |                   |        | 359,583.00           | 359,583.00            | -53,937.46           | 305,645.54           |
| 08/15/2033       |                   |        | 359,583.00           | 359,583.00            |                      | 359,583.00           |
| 08/15/2034       |                   |        | 359,583.00           | 359,583.00            |                      | 359,583.00           |
| 08/15/2035       |                   |        | 359,583.00           | 359,583.00            |                      | 359,583.00           |
| 08/15/2036       |                   |        | 359,583.00           | 359,583.00            | 336,038.88           | 695,621.88           |
| 08/15/2037       |                   |        | 359,583.00           | 359,583.00            | 336,038.88           | 695,621.88           |
| 08/15/2038       |                   |        | 359,583.00           | 359,583.00            | 336,038.88           | 695,621.88           |
| 08/15/2039       |                   |        | 359,583.00           | 359,583.00            | 336,038.88           | 695,621.88           |
| 08/15/2040       |                   |        | 359,583.00           | 359,583.00            | 336,038.88           | 695,621.88           |
| 08/15/2041       |                   |        | 359,583.00           | 359,583.00            | 336,038.88           | 695,621.88           |
| 08/15/2042       |                   |        | 359,583.00           | 359,583.00            | 336,038.87           | 695,621.87           |
| 08/15/2043       | 520,000           | 3.320% | 359,583.00           | 879,583.00            |                      | 879,583.00           |
| 08/15/2044       | 535,000           | 3.370% | 342,319.00           | 877,319.00            |                      | 877,319.00           |
| 08/15/2045       | 555,000           | 3.430% | 324,289.50           | 879,289.50            |                      | 879,289.50           |
| 08/15/2046       | 575,000           | 3.460% | 305,253.00           | 880,253.00            |                      | 880,253.00           |
| 08/15/2047       | 590,000           | 3.500% | 285,358.00           | 875,358.00            |                      | 875,358.00           |
| 08/15/2048       | 615,000           | 3.530% | 264,708.00           | 879,708.00            |                      | 879,708.00           |
| 08/15/2049       | 635,000           | 3.560% | 242,998.50           | 877,998.50            |                      | 877,998.50           |
| 08/15/2050       | 655,000           | 3.580% | 220,392.50           | 875,392.50            |                      | 875,392.50           |
| 08/15/2051       | 680,000           | 3.610% | 196,943.50           | 876,943.50            |                      | 876,943.50           |
| 08/15/2052       | 705,000           | 3.630% | 172,395.50           | 877,395.50            |                      | 877,395.50           |
| 08/15/2053       | 730,000           | 3.690% | 146,804.00           | 876,804.00            |                      | 876,804.00           |
| 08/15/2054       | 760,000           | 3.740% | 119,867.00           | 879,867.00            |                      | 879,867.00           |
| 08/15/2055       | 785,000           | 3.740% | 91,443.00            | 876,443.00            |                      | 876,443.00           |
| 08/15/2056       | 815,000           | 3.740% | 62,084.00            | 877,084.00            |                      | 877,084.00           |
| 08/15/2057       | 845,000           | 3.740% | 31,603.00            | 876,603.00            |                      | 876,603.00           |
|                  | <b>10,000,000</b> |        | <b>10,264,809.23</b> | <b>20,264,809.23</b>  | <b>0.00</b>          | <b>20,264,809.23</b> |

**NET DEBT SERVICE**

**Guadalupe Blanco River Authority  
2023 Low Interest**

| Date       | Principal         | Coupon | Interest             | Total Debt Service    | Capitalized Interest Fund | Net Debt Service      | Annual Net D/S        |
|------------|-------------------|--------|----------------------|-----------------------|---------------------------|-----------------------|-----------------------|
| 02/15/2024 |                   |        | 566,766.45           | 566,766.45            | 566,766.45                |                       |                       |
| 08/15/2024 |                   |        | 1,172,620.25         | 1,172,620.25          | 1,172,620.25              |                       |                       |
| 02/15/2025 |                   |        | 1,172,620.25         | 1,172,620.25          | 1,172,620.25              |                       |                       |
| 08/15/2025 |                   |        | 1,172,620.25         | 1,172,620.25          | 1,172,620.25              |                       |                       |
| 02/15/2026 |                   |        | 1,172,620.25         | 1,172,620.25          |                           | 1,172,620.25          |                       |
| 08/15/2026 |                   |        | 1,172,620.25         | 1,172,620.25          |                           | 1,172,620.25          | 2,345,240.50          |
| 02/15/2027 |                   |        | 1,172,620.25         | 1,172,620.25          |                           | 1,172,620.25          |                       |
| 08/15/2027 | 2,120,000         | 1.720% | 1,172,620.25         | 3,292,620.25          |                           | 3,292,620.25          | 4,465,240.50          |
| 02/15/2028 |                   |        | 1,154,388.25         | 1,154,388.25          |                           | 1,154,388.25          |                       |
| 08/15/2028 | 2,160,000         | 1.830% | 1,154,388.25         | 3,314,388.25          |                           | 3,314,388.25          | 4,468,776.50          |
| 02/15/2029 |                   |        | 1,134,624.25         | 1,134,624.25          |                           | 1,134,624.25          |                       |
| 08/15/2029 | 2,195,000         | 1.920% | 1,134,624.25         | 3,329,624.25          |                           | 3,329,624.25          | 4,464,248.50          |
| 02/15/2030 |                   |        | 1,113,552.25         | 1,113,552.25          |                           | 1,113,552.25          |                       |
| 08/15/2030 | 2,240,000         | 2.000% | 1,113,552.25         | 3,353,552.25          |                           | 3,353,552.25          | 4,467,104.50          |
| 02/15/2031 |                   |        | 1,091,152.25         | 1,091,152.25          |                           | 1,091,152.25          |                       |
| 08/15/2031 | 2,285,000         | 2.060% | 1,091,152.25         | 3,376,152.25          |                           | 3,376,152.25          | 4,467,304.50          |
| 02/15/2032 |                   |        | 1,067,616.75         | 1,067,616.75          |                           | 1,067,616.75          |                       |
| 08/15/2032 | 2,330,000         | 2.110% | 1,067,616.75         | 3,397,616.75          |                           | 3,397,616.75          | 4,465,233.50          |
| 02/15/2033 |                   |        | 1,043,035.25         | 1,043,035.25          |                           | 1,043,035.25          |                       |
| 08/15/2033 | 2,380,000         | 2.140% | 1,043,035.25         | 3,423,035.25          |                           | 3,423,035.25          | 4,466,070.50          |
| 02/15/2034 |                   |        | 1,017,569.25         | 1,017,569.25          |                           | 1,017,569.25          |                       |
| 08/15/2034 | 2,430,000         | 2.150% | 1,017,569.25         | 3,447,569.25          |                           | 3,447,569.25          | 4,465,138.50          |
| 02/15/2035 |                   |        | 991,446.75           | 991,446.75            |                           | 991,446.75            |                       |
| 08/15/2035 | 2,485,000         | 2.390% | 991,446.75           | 3,476,446.75          |                           | 3,476,446.75          | 4,467,893.50          |
| 02/15/2036 |                   |        | 961,751.00           | 961,751.00            |                           | 961,751.00            |                       |
| 08/15/2036 | 2,545,000         | 2.590% | 961,751.00           | 3,506,751.00          |                           | 3,506,751.00          | 4,468,502.00          |
| 02/15/2037 |                   |        | 928,793.25           | 928,793.25            |                           | 928,793.25            |                       |
| 08/15/2037 | 2,610,000         | 2.690% | 928,793.25           | 3,538,793.25          |                           | 3,538,793.25          | 4,467,586.50          |
| 02/15/2038 |                   |        | 893,688.75           | 893,688.75            |                           | 893,688.75            |                       |
| 08/15/2038 | 2,680,000         | 2.800% | 893,688.75           | 3,573,688.75          |                           | 3,573,688.75          | 4,467,377.50          |
| 02/15/2039 |                   |        | 856,168.75           | 856,168.75            |                           | 856,168.75            |                       |
| 08/15/2039 | 2,755,000         | 2.890% | 856,168.75           | 3,611,168.75          |                           | 3,611,168.75          | 4,467,337.50          |
| 02/15/2040 |                   |        | 816,359.00           | 816,359.00            |                           | 816,359.00            |                       |
| 08/15/2040 | 2,835,000         | 2.980% | 816,359.00           | 3,651,359.00          |                           | 3,651,359.00          | 4,467,718.00          |
| 02/15/2041 |                   |        | 774,117.50           | 774,117.50            |                           | 774,117.50            |                       |
| 08/15/2041 | 2,920,000         | 3.050% | 774,117.50           | 3,694,117.50          |                           | 3,694,117.50          | 4,468,235.00          |
| 02/15/2042 |                   |        | 729,587.50           | 729,587.50            |                           | 729,587.50            |                       |
| 08/15/2042 | 3,005,000         | 3.110% | 729,587.50           | 3,734,587.50          |                           | 3,734,587.50          | 4,464,175.00          |
| 02/15/2043 |                   |        | 682,859.75           | 682,859.75            |                           | 682,859.75            |                       |
| 08/15/2043 | 3,100,000         | 3.170% | 682,859.75           | 3,782,859.75          |                           | 3,782,859.75          | 4,465,719.50          |
| 02/15/2044 |                   |        | 633,724.75           | 633,724.75            |                           | 633,724.75            |                       |
| 08/15/2044 | 3,200,000         | 3.240% | 633,724.75           | 3,833,724.75          |                           | 3,833,724.75          | 4,467,449.50          |
| 02/15/2045 |                   |        | 581,884.75           | 581,884.75            |                           | 581,884.75            |                       |
| 08/15/2045 | 3,300,000         | 3.280% | 581,884.75           | 3,881,884.75          |                           | 3,881,884.75          | 4,463,769.50          |
| 02/15/2046 |                   |        | 527,764.75           | 527,764.75            |                           | 527,764.75            |                       |
| 08/15/2046 | 3,410,000         | 3.330% | 527,764.75           | 3,937,764.75          |                           | 3,937,764.75          | 4,465,529.50          |
| 02/15/2047 |                   |        | 470,988.25           | 470,988.25            |                           | 470,988.25            |                       |
| 08/15/2047 | 3,525,000         | 3.360% | 470,988.25           | 3,995,988.25          |                           | 3,995,988.25          | 4,466,976.50          |
| 02/15/2048 |                   |        | 411,768.25           | 411,768.25            |                           | 411,768.25            |                       |
| 08/15/2048 | 3,645,000         | 3.390% | 411,768.25           | 4,056,768.25          |                           | 4,056,768.25          | 4,468,536.50          |
| 02/15/2049 |                   |        | 349,985.50           | 349,985.50            |                           | 349,985.50            |                       |
| 08/15/2049 | 3,765,000         | 3.420% | 349,985.50           | 4,114,985.50          |                           | 4,114,985.50          | 4,464,971.00          |
| 02/15/2050 |                   |        | 285,604.00           | 285,604.00            |                           | 285,604.00            |                       |
| 08/15/2050 | 3,895,000         | 3.450% | 285,604.00           | 4,180,604.00          |                           | 4,180,604.00          | 4,466,208.00          |
| 02/15/2051 |                   |        | 218,415.25           | 218,415.25            |                           | 218,415.25            |                       |
| 08/15/2051 | 4,030,000         | 3.470% | 218,415.25           | 4,248,415.25          |                           | 4,248,415.25          | 4,466,830.50          |
| 02/15/2052 |                   |        | 148,494.75           | 148,494.75            |                           | 148,494.75            |                       |
| 08/15/2052 | 4,170,000         | 3.490% | 148,494.75           | 4,318,494.75          |                           | 4,318,494.75          | 4,466,989.50          |
| 02/15/2053 |                   |        | 75,728.25            | 75,728.25             |                           | 75,728.25             |                       |
| 08/15/2053 | 4,315,000         | 3.510% | 75,728.25            | 4,390,728.25          |                           | 4,390,728.25          | 4,466,456.50          |
|            | <b>80,330,000</b> |        | <b>46,697,246.20</b> | <b>127,027,246.20</b> | <b>4,084,627.20</b>       | <b>122,942,619.00</b> | <b>122,942,619.00</b> |

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**SOURCES AND USES OF FUNDS**

**Guadalupe Blanco River Authority  
2023 Low Interest**

Dated Date            11/18/2023  
Delivery Date        11/18/2023

**Sources:**

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|                       |               |
|-----------------------|---------------|
| <b>Bond Proceeds:</b> |               |
| Par Amount            | 80,330,000.00 |
|                       | <hr/>         |
|                       | 80,330,000.00 |

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**Uses:**

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|                               |               |
|-------------------------------|---------------|
| <b>Project Fund Deposits:</b> |               |
| Project Fund                  | 76,245,372.80 |
| <b>Other Fund Deposits:</b>   |               |
| Capitalized Interest Fund     | 4,084,627.20  |
|                               | <hr/>         |
|                               | 80,330,000.00 |

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**BOND DEBT SERVICE**

**Guadalupe Blanco River Authority  
2023 Low Interest**

| Period Ending | Principal  | Coupon | Interest      | Debt Service   | Annual Debt Service |
|---------------|------------|--------|---------------|----------------|---------------------|
| 02/15/2024    |            |        | 566,766.45    | 566,766.45     |                     |
| 08/15/2024    |            |        | 1,172,620.25  | 1,172,620.25   | 1,739,386.70        |
| 02/15/2025    |            |        | 1,172,620.25  | 1,172,620.25   |                     |
| 08/15/2025    |            |        | 1,172,620.25  | 1,172,620.25   | 2,345,240.50        |
| 02/15/2026    |            |        | 1,172,620.25  | 1,172,620.25   |                     |
| 08/15/2026    |            |        | 1,172,620.25  | 1,172,620.25   | 2,345,240.50        |
| 02/15/2027    |            |        | 1,172,620.25  | 1,172,620.25   |                     |
| 08/15/2027    | 2,120,000  | 1.720% | 1,172,620.25  | 3,292,620.25   | 4,465,240.50        |
| 02/15/2028    |            |        | 1,154,388.25  | 1,154,388.25   |                     |
| 08/15/2028    | 2,160,000  | 1.830% | 1,154,388.25  | 3,314,388.25   | 4,468,776.50        |
| 02/15/2029    |            |        | 1,134,624.25  | 1,134,624.25   |                     |
| 08/15/2029    | 2,195,000  | 1.920% | 1,134,624.25  | 3,329,624.25   | 4,464,248.50        |
| 02/15/2030    |            |        | 1,113,552.25  | 1,113,552.25   |                     |
| 08/15/2030    | 2,240,000  | 2.000% | 1,113,552.25  | 3,353,552.25   | 4,467,104.50        |
| 02/15/2031    |            |        | 1,091,152.25  | 1,091,152.25   |                     |
| 08/15/2031    | 2,285,000  | 2.060% | 1,091,152.25  | 3,376,152.25   | 4,467,304.50        |
| 02/15/2032    |            |        | 1,067,616.75  | 1,067,616.75   |                     |
| 08/15/2032    | 2,330,000  | 2.110% | 1,067,616.75  | 3,397,616.75   | 4,465,233.50        |
| 02/15/2033    |            |        | 1,043,035.25  | 1,043,035.25   |                     |
| 08/15/2033    | 2,380,000  | 2.140% | 1,043,035.25  | 3,423,035.25   | 4,466,070.50        |
| 02/15/2034    |            |        | 1,017,569.25  | 1,017,569.25   |                     |
| 08/15/2034    | 2,430,000  | 2.150% | 1,017,569.25  | 3,447,569.25   | 4,465,138.50        |
| 02/15/2035    |            |        | 991,446.75    | 991,446.75     |                     |
| 08/15/2035    | 2,485,000  | 2.390% | 991,446.75    | 3,476,446.75   | 4,467,893.50        |
| 02/15/2036    |            |        | 961,751.00    | 961,751.00     |                     |
| 08/15/2036    | 2,545,000  | 2.590% | 961,751.00    | 3,506,751.00   | 4,468,502.00        |
| 02/15/2037    |            |        | 928,793.25    | 928,793.25     |                     |
| 08/15/2037    | 2,610,000  | 2.690% | 928,793.25    | 3,538,793.25   | 4,467,586.50        |
| 02/15/2038    |            |        | 893,688.75    | 893,688.75     |                     |
| 08/15/2038    | 2,680,000  | 2.800% | 893,688.75    | 3,573,688.75   | 4,467,377.50        |
| 02/15/2039    |            |        | 856,168.75    | 856,168.75     |                     |
| 08/15/2039    | 2,755,000  | 2.890% | 856,168.75    | 3,611,168.75   | 4,467,337.50        |
| 02/15/2040    |            |        | 816,359.00    | 816,359.00     |                     |
| 08/15/2040    | 2,835,000  | 2.980% | 816,359.00    | 3,651,359.00   | 4,467,718.00        |
| 02/15/2041    |            |        | 774,117.50    | 774,117.50     |                     |
| 08/15/2041    | 2,920,000  | 3.050% | 774,117.50    | 3,694,117.50   | 4,468,235.00        |
| 02/15/2042    |            |        | 729,587.50    | 729,587.50     |                     |
| 08/15/2042    | 3,005,000  | 3.110% | 729,587.50    | 3,734,587.50   | 4,464,175.00        |
| 02/15/2043    |            |        | 682,859.75    | 682,859.75     |                     |
| 08/15/2043    | 3,100,000  | 3.170% | 682,859.75    | 3,782,859.75   | 4,465,719.50        |
| 02/15/2044    |            |        | 633,724.75    | 633,724.75     |                     |
| 08/15/2044    | 3,200,000  | 3.240% | 633,724.75    | 3,833,724.75   | 4,467,449.50        |
| 02/15/2045    |            |        | 581,884.75    | 581,884.75     |                     |
| 08/15/2045    | 3,300,000  | 3.280% | 581,884.75    | 3,881,884.75   | 4,463,769.50        |
| 02/15/2046    |            |        | 527,764.75    | 527,764.75     |                     |
| 08/15/2046    | 3,410,000  | 3.330% | 527,764.75    | 3,937,764.75   | 4,465,529.50        |
| 02/15/2047    |            |        | 470,988.25    | 470,988.25     |                     |
| 08/15/2047    | 3,525,000  | 3.360% | 470,988.25    | 3,995,988.25   | 4,466,976.50        |
| 02/15/2048    |            |        | 411,768.25    | 411,768.25     |                     |
| 08/15/2048    | 3,645,000  | 3.390% | 411,768.25    | 4,056,768.25   | 4,468,536.50        |
| 02/15/2049    |            |        | 349,985.50    | 349,985.50     |                     |
| 08/15/2049    | 3,765,000  | 3.420% | 349,985.50    | 4,114,985.50   | 4,464,971.00        |
| 02/15/2050    |            |        | 285,604.00    | 285,604.00     |                     |
| 08/15/2050    | 3,895,000  | 3.450% | 285,604.00    | 4,180,604.00   | 4,466,208.00        |
| 02/15/2051    |            |        | 218,415.25    | 218,415.25     |                     |
| 08/15/2051    | 4,030,000  | 3.470% | 218,415.25    | 4,248,415.25   | 4,466,830.50        |
| 02/15/2052    |            |        | 148,494.75    | 148,494.75     |                     |
| 08/15/2052    | 4,170,000  | 3.490% | 148,494.75    | 4,318,494.75   | 4,466,989.50        |
| 02/15/2053    |            |        | 75,728.25     | 75,728.25      |                     |
| 08/15/2053    | 4,315,000  | 3.510% | 75,728.25     | 4,390,728.25   | 4,466,456.50        |
|               | 80,330,000 |        | 46,697,246.20 | 127,027,246.20 | 127,027,246.20      |

# Submittal

I, Sam Vaugh, as the designated authorized representative of the Guadalupe Blanco RA, hereby approve and authorize the submission of this project information form to the Texas Water Development Board. I certify that all information contained herein is true and correct to the best of my knowledge. I understand the failure to submit a complete project information form by the stated deadlines may result in the withdrawal of the form without review.

Submitted by Sam Vaugh

Telephone Number (512) 912-5142

Submitted date 2022-01-28 15:15:30.403