



**State Water Implementation  
Fund for Texas**

# Abridged Application

Due by midnight on February 3, 2020

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
City of Nassau Bay	Harris	H - Region H

<b>Contact</b> Who should TWDB contact with questions during the review of this submission?	Name	Csilla Ludanyi
	Title	Finance Director
	Phone	281-336-6284
	Email	Csilla.ludanyi@nassaubay.com

## PROJECT DESCRIPTION

<b>Project Name</b> As it appears in the state water plan	Old Galveston Road Transmission Improvements	
<b>Where can the project be found in the 2016 Regional Water Plan?</b> 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>	611 of 1792 (page 5-B-CONV—010-1)
	<b>The capital cost is listed on page #:</b>	611 of 1792 (page 5-B-CONV—010-1)
<b>Phase(s) Applied For</b>	<input type="checkbox"/> Planning <input type="checkbox"/> Acquisition <input checked="" type="checkbox"/> Design <input checked="" type="checkbox"/> Construction	
<b>Population Served When Fully Operational</b>	4,002 existing people served by the City of Nassau Bay's portion of the overall project, with capacity thru ultimate development of the City.	

## **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.

Description of Project Components:

This funding will provide the calculated share owed by the City of Nassau Bay for its participation in the overall water transmission main project. The cost sharing calculations were prepared by the engineering firm LAN under contract with the managing partner, the City of Houston. The scope of the project is to construct a new large diameter water transmission main to replace an aging water transmission main located on State Highway 3 in Harris County. The purpose of the project is to maintain water service for the municipal participants of this existing system, and for some participants to increase capacity. Pipe sizes are up to 54-inch diameter. The overall project has been divided into four (4) segments so that the cost share per participant may be readily calculated based on the prorated share of each participant. The pro-rated share percentage is based on the allocated flow rate per participant in each of the four segments.

It has been calculated that the City of Nassau Bay's contract water allocation of 1.95 million gallons per day requires a total cost participation of \$ 1,985,105.

Since the City of Nassau Bay is a sub-recipient of the Clear Lake City Water Authority (CLCWA) for treated surface water through this pipeline, the City of Nassau Bay contractually owes the CLCWA for the City of Nassau Bay's share in the project. The CLCWA's total daily flow allocation is 10.0 MGD for a calculated cost of approximately \$10,180,023. Nassau Bay's allocated share would then be  $(1.95 \text{ MGD} / 10.0 \text{ MGD}) = 19.5\%$  of \$10,180,023, or \$1,985,105.

**Emergency**

Select all that apply

- Applicant/entity's water supply will last less than 180 days.
- Applicant has received or applied for Federal emergency funding.
- 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> 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	<b>Annual Median Household Income:</b>	\$57,353
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<b>The proposed project addresses:</b>	<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)**

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
1183	1194	1223	1212	1197	1181

<b>Readiness to Proceed</b> Select all that apply	<input checked="" 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

<b>Low-interest Loan</b>	\$ 1,985,000
<b>Deferred Loan</b>	\$ 0
<b>Board Participation</b>	\$ 0
<b>Local Contribution</b>	\$ 0
<b>Other:</b>	\$ 0
<b>Total Estimated Project Costs</b>	<b>\$ 1,985,000</b>

<b>Anticipated Commitments</b> Please attach proposed schedule for multi-year commitments.	<input checked="" type="checkbox"/> One-Time Commitment	<input type="checkbox"/> Multi-Year Commitments
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<b>Anticipated Debt Service Structure</b> Please attach explanation if requesting non-level debt service.	<input checked="" type="checkbox"/> Level	<input type="checkbox"/> Other Request
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## LIST OF WATER SYSTEMS SERVED BY THE PROPOSED PROJECT

NAME	PWS ID
City of Nassau Bay	1010152


**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> .