



**State Water Implementation  
Fund for Texas**

## Abridged Application

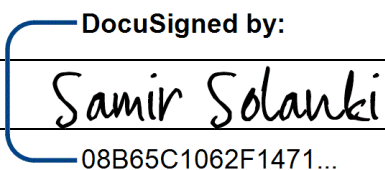
Due by midnight on February 1, 2022

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
City of Houston		Harris, Ft Bend & Montgomery	H - Region H
<b>Contact</b> Who should TWDB contact with questions during the review of this submission?	<b>Name</b>	Samir Solanki	<b>DocuSigned by:</b>  08B65C1062F1471...
	<b>Title</b>	Chief Financial Officer	
	<b>Phone</b>	(832)395-2658	
	<b>Email</b>	<a href="mailto:Samir.Solanki@houstontx.gov">Samir.Solanki@houstontx.gov</a>	

### PROJECT DESCRIPTION

<b>Project Name</b> As it appears in the <b>2022 State Water Plan</b>	Houston – Northeast Water Purification Plant Expansion		
<b>Where can the project be found in the 2021 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>	Page 326 of 340 Chapter 11.2.5	
	<b>The capital cost is listed on page #:</b>	Page 281 of 340 \$2,179,413,588	
<b>Phase(s) Applied For</b>	<input checked="" type="checkbox"/> Planning <input type="checkbox"/> Acquisition <input checked="" type="checkbox"/> Design <input checked="" type="checkbox"/> Construction		
<b>Population Served When Fully Operational</b>	2,316,120		

## 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.

Expansion of City of Houston treatment capacity to meet Harris-Galveston Subsidence District Regulations as well as increasing customer demands and increased regional population. The City of Houston (COH) is among the largest providers of surface water to customers in Region H. COH currently treats water originating in Lakes Houston and Livingston at three treatment plants prior to distribution to customers. The three plants are the Northeast Water Purification Plant (NEWPP), the East Water Purification Plant (EWPP), and the Southeast Water Purification Plant (SEWPP). Over the course of RWP planning period, increasing COH and customer demands as well as Harris-Galveston Subsidence District requirements will drive the need for additional surface water treatment capacity. This water treatment plant expansion will accommodate Houston customers including four regional Water Authority demand.

<b>Emergency</b> Select all that apply	<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		
<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>	\$396.68	<b>Annual Median Household Income:</b>	\$52,450.00

<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
617,828	932,912	1,013,393	1,050,526	1,087,559	1,124,479

<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>	\$ 345,000,000
<b>Deferred Loan</b>	\$
<b>Board Participation</b>	\$
<b>Local Contribution</b>	\$ 65,000,000
<b>Other:</b>	\$
<b>Total Estimated Project Costs</b>	\$ 410,000,000

<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
North Harris County Regional Water Authority	
Central Harris County Regional Water Authority	
North Fort Bend Water Authority	
West Harris County Regional Water Authority	

## 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> .