

Texas Water

Development Board

OLA ID 869851

PIF No. 12578

Entity Name: Central Harris Co Regional WA

Project Name: Northeast Water Purification
Plant Expansion

TABLE OF CONTENTS

General Information

Contact Information

Service Area

Project Description

Document - WaterSystemList

Readiness to Proceed to Construction

Estimated Costs

Document - AnticipatedCommitments

Submittal

General Information

Project Information

Funding Type: SWIFT

Contact Information

County: Harris

Entity Contact Information	Engineering Firm Contact Information
Name of Entity: Central Harris Co Regional WA	Name of New Entity:
Prefix: Ms.	Prefix: Mr.
First Name: Christina	First Name: Marcel
Last Name: Cole	Last Name: Khouw
Addr 1: 1300 Post Oak Blvd, Suite 1400	Addr 1: 13430 Northwest Fwy, Suite 700
Addr 2:	Addr 2:
City: Houston	City: Houston
State: TX	State: TX
Zip: 77056-3078	Zip: 77040-6091
Phone: (713) 623-4531	Phone: (713) 462-3178
Fax: (713) 623-6143	Fax:
Suffix:	Suffix: P.E.
OrgName:	OrgName:
DeptName:	DeptName:
Title: Attorney for the Authority	Title: Authority Engineer
Email: ccole@sphllp.com	Email: mkhouw@idseg.com
	Firm Name:
Make Changes: Y	Make Changes: Y
No Entity TxWISE Id	No Engineering TxWISE Id

Service Area

Population Served: 42,300

Project Description

Project Name: Northeast Water Purification Plant Expansion

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

Project listed on page: : 5-B-TRET-004

Capital costs on page: : 5-B-TRET-004

Region: H - REGION H

Phase(s) Applied For

Planning: Y

Acquisition: N

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: \$524.3

Annual Median Household Income: \$43,550

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
233170	358400	358400	358400	358400	358400

Project will address water loss: N

Description of Proposed Project Components: The Northeast Water Purification Plant (NEWPP) is an 80 MGD facility located in northeast Harris

County. The plant diverts water from nearby Lake Houston and treats it for use by the City of Houston

(COH), North Harris County Regional Water Authority (NHCRWA), and Central Harris County Regional

Water Authority (CHCRWA). The facility serves as the sole source of treated surface water for NHCRWA and CHCRWA, enabling them to meet the groundwater reduction requirements of the Harris-Galveston Subsidence District (HGSD).

The NEWPP will continue to serve these users with treated surface water as their demands and conversion requirements increase over time. An increased level of conversion will be needed in order

to allow the three current customers to meet their conversion requirement of 60 percent by 2025 and 80 percent by 2035. In

addition, the West Harris County Regional Water Authority (WHCRWA) and North Fort Bend Water

Authority (NFBWA) will rely on water from this plant in order to meet their 2035 conversion obligations. Meeting these future conversion targets will require the combined benefit of the individual authority Groundwater Reduction Plans (GRPs) and their associated infrastructure, the expanded NEWPP, and the Luce Bayou transfer project.

Texas Water Development Board

State Water Implementation Fund for Texas (SWIFT)

Abridged Application Regional Project Worksheet

Applicant: Central Harris County Regional Water Authority

Project Name: Northeast Water Purification Plant Expansion

Instructions: List all entities (aside from the applicant) that will be served by the proposed project. Use the "Rural" column to indicate the entities serving populations of 10,000 or fewer.

Press "Tab" to add new rows as needed.

Entity Name	Rural
1. Fallbrook Utility District	Yes
2. Harris County Utility District No. 16	Yes
3. Harris County Municipal Utility District No. 33	Yes
4. Harris County Municipal Utility District No. 150	Yes
5. Harris County Municipal Utility District No. 200	Yes
6. Harris County Municipal Utility District No. 205	Yes
7. Harris County Municipal Utility District No. 215	Yes
8. Harris County Municipal Utility District No. 217	Yes
9. Harris County Municipal Utility District No. 304	Yes
10. Harris County Municipal Utility District No. 399	Yes
11. Rankin Road West Municipal Utility District	Yes

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.: Y

Estimated Costs

TWDB Requested Amount

Low-Interest Loan Amount: \$7580900.00

Deferred Loan Amount:

Board Participation Amount:

Local Contribution Amount:

Other Amount:

Other Desc:

Total Estimated Project Costs: \$7580900.00

Anticipated Debt Service for 2018 Loan Closing is anticipated to be:: LEVEL

Central Harris County Regional Water Authority

Northeast Water Purification Plant Expansion

	Total	Bond Issue	
		2018	2019
Project Cost	\$ 6,367,960.00	\$ 840,000.00	\$ 5,527,960.00
Fiscal Service	\$ 1,212,940.00	\$ 160,000.00	\$ 1,052,940.00
Total Bond Cost	\$ 7,580,900.00	\$ 1,000,000.00	\$ 6,580,900.00

Submittal

I, Marcel Khouw, Authority Engineer, as the designated authorized representative of the Central Harris Co Regional WA, 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: Marcel Khouw, Authority Engineer

Telephone Number: (832) 590-7293

Submitted date: 2018-02-01 16:22:44.563