

Texas Water

Development Board

OLA ID 503153

PIF No. 12214

Entity Name: Central Harris Co Regional WA

Project Name: City of Houston Treatment
Expansion

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General Information

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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 Freeway, 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: IDS Engineering Group
Make Changes: Y	Make Changes: Y
No Entity TxWISE Id	No Engineering TxWISE Id

Service Area

Population Served: 28,350

Project Description

Project Name: City of Houston Treatment Expansion

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

Project listed on page: : 5-B-TRET-002

Capital costs on page: : 5-B-TRET-002

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

Water Supply need occurs earlier than anticipated in the State Water Plan: 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	358720	358720	358720	358720	358720

Project will address water loss: N

Project Long Desc: The City of Houston (COH) currently operates three major surface water treatment plants in Harris County. Collectively, these facilities provide treated water to the COH distribution system as well as a number of regional partners and contract customers. The facilities provide an important tie between raw water supplies in the Trinity and San Jacinto River Basins to demands as far west as the Brazos River Basin in Fort Bend County.

The Northeast Water Purification Plant (NEWPP) is located in northeastern Harris County and currently provides 80 MGD of capacity to the COH as well as the North Harris County Regional Water Authority (NHCRWA) and the Central Harris County Regional Water Authority (CHCRWA). This facility will be expanded in the coming years to accommodate additional needs of the COH, NHCRWA, CHCRWA as well as additional contract supply for the West Harris County Regional Water Authority (WHCRWA) and the North Fort Bend Water Authority (NFBWA).

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: City of Houston Treatment Expansion (Expansion of the Northeast Water Purification Plant)

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: \$4900000.00

Deferred Loan Amount:

Board Participation Amount:

Local Contribution Amount:

Other Amount:

Other Desc:

Total Estimated Project Costs: \$4900000.00

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: 2017-02-02 19:25:40.903