

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

Name of Entity		County	Regional Water Planning Area
Port of Corpus Christi Authority		Nueces	Region N
Entity Contact Information			
Contact Person	Name	Leslie D Ruta	
	Title	Revenue Accountant	
Mailing Address	PO Box 1541		
	Corpus Christi, TX 78403		
Phone Number	361-885-6631	Fax Number	361-991-5167
Email Address	<a href="mailto:leslie@pocca.com">leslie@pocca.com</a>		

## PROJECT DESCRIPTION

Name of Project <i>(As it appears in the 2017 State Water Plan)</i>	Pipeline Network (not currently in 2016 Regional Water Plan)		
Where can the project be found in the most recent Regional Water Plan?	Project described on page:		Capital costs listed on page:
Phase(s) Applied For	<input type="checkbox"/> Planning <input type="checkbox"/> Acquisition <input checked="" type="checkbox"/> Design <input checked="" type="checkbox"/> Construction		
Population Served When Fully Operational	Over 500,000		

### Description of Proposed Project

The proposed project is the design, permitting, and construction of an underground water distribution network for the Corpus Christi Inner Harbor to support an approximately 20-MGD seawater desalination plant, located on the Corpus Christi Ship Channel in the inner harbor. The desalination plant located in the inner harbor would be a modular expansion of the now under construction, 10-MGD seawater desalination plant located at the M&G Plastics Plant, making it a 20-MGD desalination plant. The desalination plant and expansion is being constructed by M&G with excess capacity. This excess capacity could be then sold to industry to provide an adequate supply of water for industrial operations and prevent curtailment during periods of drought. The Port of Corpus Christi Authority would provide the water distribution network from the M&G desalination plant to the industries within the Port area that will be served.

Currently, the region's water supply is fully dependent on rain and this provides an alternate and reliable source of water even in times of drought conditions. It is expected that water would be drawn from the surrounding water bodies (Nueces Bay and Corpus Christi Ship Channel) and then discharged into the Corpus Christi Ship Channel.

The project consists of design and obtaining the necessary permits, followed by construction upon receipt of appropriate permits. Below is the anticipated timeline of the project:

2017-2018	Permitting and design of inner harbor expansion of desalination plant at M&G Facility. Permitting and design of the supporting pipeline network.
2018-2020	Construction of expansion of desalination plant at M&G Facility. PCCA construction of associated water distribution network.

<b>Emergency</b> <i>(select all that apply)</i>	<input type="checkbox"/> Applicant/entity's water supply will last less than 180 days. <input type="checkbox"/> Water supply need occurs earlier than anticipated in the State Water Plan. <input type="checkbox"/> Applicant has received or applied for Federal emergency funding. <input checked="" type="checkbox"/> None of the above.
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<b>Agricultural Efficiency Project?</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Efficiency improvement achieved by implementing the project <i>(Please provide an attachment showing the basis for your calculation.)</i> <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%
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**Household Cost Factor**  
*(Household Cost Factor for SWIFT prioritization is 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>	\$165	<b>Annual Median Household Income:</b>	\$50,658
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<b>The proposed project addresses:</b>	<input checked="" type="checkbox"/> Conservation <input type="checkbox"/> Water Loss <input type="checkbox"/> N/A
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Volume of Water Produced/Conserved (in Acre/Feet per Year)					
2020	2030	2040	2050	2060	2070
22,402	22,402	22,402	22,402	22,402	22,402

<b>Readiness to Proceed</b> <i>(select all that apply)</i>	<input checked="" type="checkbox"/> Preliminary planning or design work (30% of total project) has been completed or is not required. <input type="checkbox"/> Applicant is prepared to begin implementation or construction within 18 months of application deadline. <input 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>Estimated Project Costs</b>	Low-interest Loan                      \$
	Deferred Loan                              \$ 58,940,000
	Board Participation                      \$



# Abridged Application

Due February 3, 2017 by 5:00pm  
 SWIFT@twdb.texas.gov

	Local Contribution	\$
	Other:	\$
	Total Estimated Project Costs	\$ 58,940,000.00

<b>Anticipated Commitments</b> <i>Attach proposed schedule for multi-year commitments</i>	<input type="checkbox"/> One-Time Commitment	<input checked="" type="checkbox"/> Multi-Year Commitments
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**Please attach a list of all water systems served by the proposed project.**

**Community Water Systems:** Water Systems that serve the same people year-round (e.g. in homes or businesses).

Water System Name	County(s) Served	City(s) Served	Population Served	Primary Water Source Type	PWS Activity	Water System ID
CITY OF ARANSAS PASS	SAN PATRICIO	NOT REPORTED	8329	Surface water purchased	Active	TX2050015
CITY OF GREGORY	SAN PATRICIO	NOT REPORTED	1901	Surface water purchased	Active	TX2050001
CITY OF INGLESIDE	SAN PATRICIO	NOT REPORTED	9557	Surface water purchased	Active	TX2050002
CITY OF INGLESIDE ON THE BAY	SAN PATRICIO	NOT REPORTED	615	Surface water purchased	Active	TX2050071
CITY OF MATHIS	SAN PATRICIO	NOT REPORTED	5037	Surface water	Active	TX2050003
CITY OF ODEM	SAN PATRICIO	NOT REPORTED	2499	Surface water purchased	Active	TX2050004
CITY OF PORTLAND	SAN PATRICIO	NOT REPORTED	19186	Surface water purchased	Active	TX2050005
CITY OF SINTON	SAN PATRICIO	NOT REPORTED	5657	Ground water	Active	TX2050006
CITY OF TAFT	SAN PATRICIO	NOT REPORTED	3396	Surface water purchased	Active	TX2050007
RINCON WSC	SAN PATRICIO	NOT REPORTED	4236	Surface water purchased	Active	TX2050078
SAINT PAUL WSC	SAN PATRICIO	NOT REPORTED	450	Ground water	Active	TX2050010
SAN PATRICIO COUNTY MUD 1	SAN PATRICIO	NOT REPORTED	423	Ground water	Active	TX2050070
SAN PATRICIO MWD	SAN PATRICIO	NOT REPORTED	225	Surface water	Active	TX2050011
SEABOARD WSC	SAN PATRICIO	NOT REPORTED	285	Surface water purchased	Active	TX2050063
CITY OF AGUA DULCE	NUECES	NOT REPORTED	800	Surface water purchased	Active	TX1780001
CITY OF BISHOP	NUECES	NOT REPORTED	3301	Surface water purchased	Active	TX1780002
CITY OF CORPUS CHRISTI	NUECES	NOT REPORTED	316381	Surface water	Active	TX1780003
CITY OF DRISCOLL	NUECES	NOT REPORTED	898	Surface water purchased	Active	TX1780012
CORPUS CHRISTI NAVAL AIR STATION	NUECES	NOT REPORTED	10464	Surface water purchased	Active	TX1780017
CYNDIE PARK 2 WSC	NUECES	NOT REPORTED	45	Ground water	Active	TX1780050
GOLDEN ACRES WATER CO	NUECES	NOT REPORTED	189	Surface water purchased	Active	TX1780019
NUECES COUNTY WCID 3	NUECES	NOT REPORTED	14607	Surface water	Active	TX1780005
NUECES COUNTY WCID 4	NUECES	NOT REPORTED	10383	Surface water purchased	Active	TX1780006
NUECES COUNTY WCID 5	NUECES	NOT REPORTED	810	Surface water purchased	Active	TX1780010
NUECES WSC	NUECES	NOT REPORTED	2514	Surface water purchased	Active	TX1780052
RIVER ACRES WSC	NUECES	NOT REPORTED	2400	Surface water purchased	Active	TX1780013
VIOLET WSC	NUECES	NOT REPORTED	2655	Surface water purchased	Active	TX1780015

**Non-Transient Non-Community Water Systems:** Water Systems that serve the same people, but not year-round (e.g. schools that have their own water system).

Water System Name	County(s) Served	City(s) Served	Population Served	Primary Water Source Type	PWS Activity	Water System ID
SHERWIN ALUMINA GREGORY	SAN PATRICIO	NOT REPORTED	600	Surface water purchased	Active	TX2050048
BISHOP FACILITY (CELANESE)	NUECES	NOT REPORTED	700	Ground water	Active	TX1780030
COASTAL BEND DETENTION CENTER	NUECES	NOT REPORTED	1000	Surface water purchased	Active	TX1780057
ELEMENTIS CHROMIUM CORPUS CHRISTI	NUECES	NOT REPORTED	45	Surface water purchased	Active	TX1780056
EQUISTAR CORPUS CHRISTI PLANT	NUECES	NOT REPORTED	25	Surface water purchased	Active	TX1780061
FLINT HILLS RESOURCES EAST	NUECES	NOT REPORTED	203	Surface water purchased	Active	TX1780055
FLINT HILLS RESOURCES WEST	NUECES	NOT REPORTED	1551	Surface water purchased	Active	TX1780058

**Transient Non-Community Water Systems:** Water Systems that do not consistently serve the same people (e.g. rest stops, campgrounds, gas stations).

Water System Name	County(s) Served	City(s) Served	Population Served	Primary Water Source Type	PWS Activity	Water System ID
ADVENTURE TEXAS RESORTS	SAN PATRICIO	NOT REPORTED	210	Ground water	Active	TX2050076
CAMP KARANKAWA	SAN PATRICIO	NOT REPORTED	300	Ground water	Active	TX2050022
EMERALD HILLS RV PARK	SAN PATRICIO	NOT REPORTED	85	Ground water	Active	TX2050077
TPWD LAKE CORPUS CHRISTI SP	SAN PATRICIO	NOT REPORTED	600	Surface water purchased	Active	TX2050016
WELDER WILDLIFE FOUNDATION	SAN PATRICIO	NOT REPORTED	442	Ground water	Active	TX2050008
HARBOR ISLAND TERMINAL SOUTHEAST	NUECES	NOT REPORTED	40	Surface water purchased	Active	TX1780048
TIMES MARKET 52	NUECES	NOT REPORTED	50	Ground water	Active	TX1780059