



**1111 Bayou Road
La Marque, Texas
409-938-9202**

Mayor Bobby Hocking

**Mayor Pro-Tem Keith Bell- District A
Councilmember Chris Lane- District B**

**Councilmember Robert Michetich- District C
Councilwoman Casey McAuliffe- District D**

OFFICIALLY POSTED ON THE WEB:

DATE: 4.4.19 TIME: 4:00 p.m.

**ORDINANCE NO. O-2019-007
RESOLUTION NO. R-2019-009**

**CITY OF LA MARQUE
REGULAR CITY COUNCIL
AGENDA
Of
APRIL 8, 2019**

Notice is hereby given that the City Council of the City of La Marque, Texas will conduct a Regular Meeting on Monday, April 8, 2019, beginning at 6:00 p.m. at 1109-B, Bayou Road for the purpose of considering the following agenda:

- (1) CALL MEETING TO ORDER**
- (2) ROLL CALL**
- (3) INVOCATION AND PLEDGE OF ALLEGIANCE**
- (4) PRESENTATIONS/ PROCLAMATIONS**
 - a. Proclamation- National Safe Digging Month
 - b. Proclamation- National Child Abuse Prevention Month
 - c. Proclamation- National Crime Victims' Rights Week
- (5) CITIZENS PARTICIPATION (Limited to three minutes per person)**

Comments from the public (at this time, any person with city-related business who has signed up may speak to Council (limited to three (3) minutes.) In compliance with Texas Open Meeting Act, the City may not deliberate on comments. Personal attacks will not be allowed, and personnel matters should be addressed to the City Manager during normal business hours.
- (6) CONSENT AGENDA** (All consent agenda items are considered routine by City Council and will be enacted by one motion. There will be no separate discussion of these items unless a Councilmember requests an item be removed and considered separately.)

- a. Discussion/possible action regarding accepting the quarterly investment report for Fourth Quarter 2018
 - b. Discussion/possible action regarding adopting Resolution No. R-2019-005, approving the aerial spraying of mosquitos by Galveston County Mosquito Control District, as required on a yearly basis by the Federal Aviation Administration
- (7) PUBLIC HEARING**
- a. Conduct Public Hearing to hear public input regarding adopting Resolution No. R-2019-003, authorizing and creating Trails at Woodhaven Lakes Public Improvement District No. 4 within the corporate limits of the City of La Marque. (PUBLIC HEARING HAS REMAINED OPENED SINCE JANUARY 14, 2019 COUNCIL MEETING)
- (8) OLD BUSINESS**
- a. Discussion/possible action regarding adopting Resolution No. R-2019-003, authorizing and creating the Trails at Woodhaven Lakes Public Improvement District No. 4 within the corporate limits of the City of La Marque - Finance Director S. Kou (THIS ITEM WAS TABLED FROM THE MARCH 11, 2019 COUNCIL MEETING)
 - b. Discussion/possible action regarding a proposed Development Agreement between the City of La Marque, Texas and Woodhaven Lakes, Ltd. for Trails at Woodhaven Lakes subdivision, and provide direction to City Manager - Interim City Manager C. Warren (THIS ITEM WAS TABLED FROM THE MARCH 11, 2019 COUNCIL MEETING)
- (9) NEW BUSINESS**
- a. Discussion/possible action regarding adopting Resolution No. R-2019-006 authorizing certain officers of the City to sign and endorse checks and drafts of the City of La Marque bank accounts effective May 1, 2019 - Finance Director S. Kou
 - b. Discussion/possible action regarding adopting Resolution No. R-2019-007 authorizing certain officers of the City as authorized representatives to administer and manage the City's TexPool investment accounts effective May 1, 2019 - Finance Director S. Kou
 - c. Discussion/possible action regarding adopting Logic Resolution No. R-2019-008 authorizing certain officers of the City as authorized representatives to administer and manage the City's investment accounts effective May 1, 2019 - Finance Director S. Kou
 - d. Discussion/possible action regarding adopting Ordinance No. O-2019-006, amending Chapter 68, Article V, Section 68-138 (a), of the Code of Ordinances of the City of La Marque, Texas, to adopt the revised Water Conservation Plan and Drought Contingency Plan - Interim Public Works Director C. Cary THIS IS THE FIRST READING

(10) AGREEMENTS/CONTRACTS

- a. Discussion/possible action regarding approval of an agreement between La Marque Cougars Youth Organization and the City of La Marque for use and maintenance of the football fields in Mahan Park, as recommended by the Parks Board - Interim Public Works Director C. Cary
- b. Discussion/possible action regarding amending original contract with TLC for debris monitoring in the amount of \$72,457.81 - Finance Director S. Kou

(11) EXECUTIVE SESSION

The City Council for the City of La Marque, Texas reserves the right to adjourn into executive session at any time during the course of this meeting to discuss any of the matters listed above, as authorized the Texas Government Code Section 551.071 (Consultation with Attorney), 551.072 (Deliberations about Real Property), 551.073 (Deliberations about Gifts and Donations), 551.074 (Personnel Matters), 551.076 (Deliberations about Security Devices) and 551.086 (Economic Development)

(13) REQUEST AND ANNOUNCEMENTS

Requests by Mayor and Council Members for items to be placed on future City Council agendas and announcements on city events/community interests TEX. GOV'T CODE §551.415. (b), "items of community interest" includes:

- (1) expressions of thanks, congratulations, or condolence;*
- (2) information regarding holiday schedules;*
- (3) an honorary or salutary recognition of a public official, public employee, or other citizen, except that a discussion regarding a change in the status of a person's public office or public employment is not an honorary or salutary recognition for purposes of this subdivision;*
- (4) a reminder about an upcoming event organized or sponsored by the governing body;*
- (5) information regarding a social, ceremonial, or community event organized or sponsored by an entity other than the governing body that was attended or is scheduled to be attended by a member of the governing body or an official or employee of the municipality or county; and*
- (6) announcements involving an imminent threat to the public health and safety of people in the municipality or county that has arisen after the posting of the agenda.*

(14) ADJOURNMENT

CERTIFICATION:

I hereby certify that the above notice of meeting was posted at 1109-B Bayou Road, La Marque, Texas on or before April 5, 2019, before 5:30 p.m.

Robin Eldridge, TRMC
City Clerk

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● This facility is wheelchair accessible and accessible parking spaces are available. Request for accommodations or
● interpretive services must be made 48 hours prior to this meeting. Please contact the City Clerk's office at (409) 938-
● 9259, or Fax (409) 935-0401, or e-mail cityclerk@cityoflamarque.org for further information.
●



CITY COUNCIL AGENDA FORM

Meeting Date: April 8, 2019

Prepared by: Suzy Kou

Department: Finance

Agenda item: 6a

Reviewed by: Charlene Warren

AGENDA ITEM DESCRIPTION: Discussion/possible action regarding accepting the quarterly investment report for Fourth Quarter 2018

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ATTACHMENTS FOR REFERENCE

1. Investment Report - Fourth Quarter 2018

STAFF BRIEFING:

- Per Public Funds Investment Act, we are required to submit quarterly investment reports to Council for acknowledgement purposes.

HISTORY: N/A

TARGET IMPLEMENTATION: April 8, 2019

SIGNIFICANT ACTION DATES: N/A

ACTION:

- | | |
|--|---|
| ☐ Ordinance | ☐ Resolution |
| ☐ Special Presentation | ☐ Proclamation |
| ☒ Finance Report | ☐ Public Hearing |
| ☐ Other | |
| ☒ Mark if this item does not conflict with any Resolution, Ordinance or City Charter, policies, procedures | |

Cost Details:

Budgeted	N/A
Actual Bid	N/A
Estimated Expenditure	N/A
Acct. Name(s)	N/A
Line Item #	N/A
Other Funding	N/A

STAFF'S RECOMMENDATION: Motion to accept the quarterly investment report for fourth quarter 2018

FISCAL IMPACT: N/A



City of La Marque, Texas

Quarter Ended **12/31/2018**

Detailed Holdings

TexPool Rate: 2.2872

Logic Rate: 2.4805

DWS 2.2900

Fund	Fund Categories	Description	CUSIP	Coupon	Settlement Date	Maturity Date	Par Value	Purch Price	Purch Cost	Book Value	Mkt Price	Mkt Value	Days to Mat	YTM
General Fund	General Fund	Logic		2.4805			4,230,887.01	100.000	4,230,887.01	4,230,887.01	100.000	4,230,887.01	1	2.4805
General Fund	General Fund	TexPool		2.2872			454,529.97	100.000	454,529.97	454,529.97	100.000	454,529.97	1	2.2872
General Fund	General Fund	DWS		2.2900			606,570.72	101.000	606,570.72	606,570.72	100.000	606,570.72	1	2.2900
Utility Fund	Utility Fund	Logic		2.4805			4,545,447.61	100.000	4,545,447.61	4,545,447.61	100.000	4,545,447.61	1	2.4805
Utility Fund	Utility Fund	TexPool		2.2872			488,323.65	100.000	488,323.65	488,323.65	100.000	488,323.65	1	2.2872
Utility Fund	Utility Fund	DWS		2.2900			(278,970.84)	100.000	(278,970.84)	(278,970.84)	100.000	(278,970.84)	1	2.2900
Utility Fund	Utility Fund (Restricted)	Logic		2.4805			68,047.56	100.000	68,047.56	68,047.56	100.000	68,047.56	1	2.4805
Utility Fund	Utility Fund (Restricted)	TexPool		2.2872			7,310.44	100.000	7,310.44	7,310.44	100.000	7,310.44	1	2.2872
Utility Fund	Utility Fund (Restricted)	DWS		2.2900			9,755.79	100.000	9,755.79	9,755.79	100.000	9,755.79	1	2.2900
Replacement Fund	Replacement Fund	Logic		2.4805			410,570.58	100.000	410,570.58	410,570.58	100.000	410,570.58	1	2.4805
Replacement Fund	Replacement Fund	TexPool		2.2872			44,108.16	100.000	44,108.16	44,108.16	100.000	44,108.16	1	2.2872
Replacement Fund	Replacement Fund	DWS		2.2900			58,862.39	100.000	58,862.39	58,862.39	100.000	58,862.39	1	2.2900
Hotel Motel Fund	Hotel Motel Fund	Logic		2.4805			412,716.42	100.000	412,716.42	412,716.42	100.000	412,716.42	1	2.4805
Hotel Motel Fund	Hotel Motel Fund	TexPool		2.2872			44,338.69	100.000	44,338.69	44,338.69	100.000	44,338.69	1	2.2872
Hotel Motel Fund	Hotel Motel Fund	DWS		2.2900			59,170.03	100.000	59,170.03	59,170.03	100.000	59,170.03	1	2.2900
Debt Service	Debt Service Fund	Logic		2.4805			561,802.84	100.000	561,802.84	561,802.84	100.000	561,802.84	1	2.4805
Debt Service	Debt Service Fund	TexPool		2.2872			60,355.25	100.000	60,355.25	60,355.25	100.000	60,355.25	1	2.2872
Debt Service	Debt Service Fund	DWS		2.2900			80,544.13	100.000	80,544.13	80,544.13	100.000	80,544.13	1	2.2900
LM EDC Operating	LM EDC	Logic		2.4805			3,931,743.63	100.000	3,931,743.63	3,931,743.63	100.000	3,931,743.63	1	2.4805
LM EDC Operating	LM EDC	TexPool		2.2872			1,208,128.80	100.000	1,208,128.80	1,208,128.80	100.000	1,208,128.80	1	2.2872
LM EDC Operating	LM EDC	DWS		2.2900			648.36	100.000	648.36	648.36	100.000	648.36	1	2.2900
LM EDC Operating	LM EDC	Money Market		0.1500			35,815.22	100.000	35,815.22	35,815.22	100.000	35,815.22	1	0.1500
LM EDC Operating	LM EDC	Texas First	5177	1.3100	11/27/2018	11/27/2019	200,801.22	100.000	200,801.22	200,801.22	100.000	200,801.22	331	0.6000
LM EDC Operating	LM EDC	Amoco CD		1.0500	8/30/2018	8/30/2019	102,243.91	100.000	102,243.91	102,243.91	100.000	102,243.91	242	0.8000
LM EDC Operating	LM EDC	ACU CD		1.4500	8/31/2018	8/31/2019	100,000.00	100.000	100,000.00	100,000.00	100.000	100,000.00	243	1.0000
1998 TWDB Sewer Rehab	Capital Projects Fund	DWS		2.2900			159,917.67	100.000	159,917.67	159,917.67	100.000	159,917.67	1	2.2900
2005 CO	Capital Projects Fund	TexPool		2.2872			121,455.75	100.000	121,455.75	121,455.75	100.000	121,455.75	1	2.2872
2007 CO	Capital Projects Fund	TexPool		2.2872			641,390.36	100.000	641,390.36	641,390.36	100.000	641,390.36	1	2.2872
2016 CO	Capital Projects Fund	Logic		2.4805			867,374.04	100.000	867,374.04	867,374.04	100.000	867,374.04	1	2.4805
2018 CO	Capital Projects Fund	Logic		2.4805			2,844,433.04	100.000	2,844,433.04	2,844,433.04	100.000	2,844,433.04	1	2.4805
Special Revenue Funds	Special Revenue Fund	DWS		2.2900			53,725.22	100.000	53,725.22	53,725.22	100.000	53,725.22	1	2.2900
Special Revenue Funds	Special Revenue Fund	TexPool		2.2872			40,258.66	100.000	40,258.66	40,258.66	100.000	40,258.66	1	2.2872
Special Revenue Funds	Special Revenue Fund	Logic		2.4805			374,738.43	100.000	374,738.43	374,738.43	100.000	374,738.43	1	2.4805
Library Memorial	Fiduciary Fund	Logic		2.4805			2,802.32	100.000	2,802.32	2,802.32	100.000	2,802.32	1	2.4805
Drug Seizure	Fiduciary Fund	Logic		2.4805			-	100.000	-	-	100.000	-	1	2.4805
							22,549,847.00	22,549,847.00	22,549,847.00	22,549,847.00	22,549,847.00	22,549,847.00	6	####

I certified that the Quarterly Investment Report represents the investment position of City of La Marque as of December 31, 2018 to the best of my knowledge and all investments under the City's control have been and are in compliance with the Texas Public Funds Investment Act and the City's Investment Policy as adopted by City Council.

Suzanne Kan

Investment Officer, CPFIM



CITY COUNCIL AGENDA FORM

Meeting Date: April 8, 2019

Prepared by: Robin Eldridge

Department: City Clerk

Agenda item: 6b

Reviewed by: Charlene Warren

AGENDA ITEM DESCRIPTION: Discussion/possible action regarding adopting Resolution No. R-2019-005, approving the aerial spraying of mosquitos by Galveston County Mosquito Control District, as required on a yearly basis by the Federal Aviation Administration

☒

ATTACHMENTS FOR REFERENCE

1. Resolution
2. Letter from Galveston County Mosquito Control District

STAFF BRIEFING:

- This time, each year, before the beginning of “mosquito” season, a resolution is requested from each city within Galveston County approving the aerial spraying for mosquitos within each individual city.
- This program is County-funded and has no financial impact on the City of La Marque.
- This is a Resolution and wording is the same annually, just date changes (no need for City Attorney to review)

HISTORY: For several years, the City of La Marque has been providing a resolution authorizing Galveston County Mosquito Control District to provide aerial spraying over the territory for the abatement or control of mosquitos.

TARGET IMPLEMENTATION: April 8, 2019

SIGNIFICANT ACTION DATES:

March 12, 2018 - Resolution adopted

March 12, 2017 - Resolution adopted

March 14, 2016 - Resolution adopted

February 9, 2015 - Resolution adopted

February 13, 2014 - Resolution adopted

February 11, 2013 - Resolution adopted



CITY COUNCIL AGENDA FORM

ACTION:

- ☐ Ordinance ☒ Resolution
- ☐ Proclamation ☐ Special Presentation
- ☐ Finance Report ☐ Public Hearing
- ☐ Other (be Specific)

☒ Check box if there is no conflict with City Charter, ordinances, resolutions, or policies.

Cost Details:	
Budgeted	N/A
Actual Bid	N/A
Estimated Expenditure	N/A
Acct. Name	N/A
Line Items #	N/A
Other Funding	N/A

STAFF'S RECOMMENDATION: Motion to adopt Resolution No. **R-2019-005**, approving the aerial spraying of mosquitos by Galveston County Mosquito Control District, as required on a yearly basis by the Federal Aviation Administration

FISCAL IMPACT: N/A

RESOLUTION NO. R-2019-005

A RESOLUTION OF THE CITY OF LA MARQUE AUTHORIZING THE GALVESTON COUNTY MOSQUITO CONTROL DISTRICT AERIAL SPRAYING FOR MOSQUITOES THAT THE FEDERAL AVIATION ADMINISTRATION REQUIRES APPROVAL FOR ON A YEARLY BASIS;

WHEREAS, the Galveston County Mosquito Control District is responsible for the operation of the county-wide Mosquito Control Program, and

WHEREAS, the Federal Aviation Administration has indicated that governmental approval is necessary to provide aerial spraying services over the territories of general purpose governments, and

NOW, THEREFORE BE IT RESOLVED that the City Council of the City of La Marque approves the aerial spraying over its territory for the abatement of mosquitoes providing such spraying is conducted within the regulations and constraints of the Federal Aviation Administration, the Environmental Protection Agency, and other authoritative federal and state agencies.

PASSED, APPROVED AND ADOPTED by City Council of the City of La Marque on this the 8th day of April, 2019.

CITY OF LA MARQUE, TEXAS

Bobby Hocking, Mayor
City of La Marque

ATTEST:

Robin Eldridge, TRMC
City Clerk

APPROVED AS TO FORM:

Ellis Ortego
City Attorney



CITY COUNCIL AGENDA FORM

Meeting Date: April 8, 2019

Prepared by: Suzy Kou

Department: Finance

Agenda item: 8a

Reviewed by: Charlene Warren

AGENDA ITEM DESCRIPTION: Discussion/possible action regarding adopting Resolution No. R-2019-003, authorizing and creating the Trails at Woodhaven Lakes Public Improvement District No. 4 within the corporate limits of the City of La Marque (**THIS ITEM WAS TABLED FROM THE MARCH 11, 2019 COUNCIL MEETING**)

☒

ATTACHMENTS FOR REFERENCE

1. Resolution with Exhibits A & B

STAFF BRIEFING:

- Proposal includes for City to issue a bond sale secured solely by the PID assessments.
- An appropriate amount will be retained from PID assessments to cover PID administrative costs by a competent third-party consultant (hired by the City), including but not limited to maintaining record of all the assessments.
- Developer and City will work to ensure that Galveston County Tax Office collects the annual PID assessments.
- Project size includes 75.62 acres of single family development and 6.40 acres of commercial development.
- There should not be any financial cost to the City.
- PID debt issuance amount will be counted against the total maximum bank qualified debt threshold of ten million per calendar year.
- City's total debts issued will be increased on the financial statements as well as total assessment revenues.
- City will be responsible for collection and enforcement of PID payments including delinquencies and foreclosure.
- City also will be responsible for required continued disclosure annually.

HISTORY: N/A

TARGET IMPLEMENTATION: April 8, 2019

SIGNIFICANT ACTION DATES:

January 14, 2019 - Public Hearing on PID creation

February 11, 2019 - Public Hearing was to remain open and continued at this Council meeting

March 11, 2019 - Public Hearing was to remain open and continued at this Council meeting



CITY COUNCIL AGENDA FORM

ACTION:

- | | |
|--|--|
| ☐ Ordinance | ☒ Resolution |
| ☐ Special Presentation | ☐ Proclamation |
| ☐ Finance Report | ☐ Public Hearing |
| ☐ Other | |
| ☒ Mark if this item does not conflict with any Resolution, Ordinance or City Charter, policies, procedures | |

Cost Details:

Budgeted	
Actual Bid	
Estimated Expenditure	
Acct. Name(s)	
Line Item #	
Other Funding	

STAFF'S RECOMMENDATION: Motion to adopt Resolution No. **R-2019-003**, authorizing and creating the Trails at Woodhaven Lakes Public Improvement District No. 4 within the corporate limits of the City of La Marque

FISCAL IMPACT: Additional administrative responsibilities; less bank qualified debts availability below the threshold during the issuance year.

RESOLUTION NO. R-2019-003

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LA MARQUE, TEXAS, AUTHORIZING AND CREATING THE TRAILS AT WOODHAVEN LAKES PUBLIC IMPROVEMENT DISTRICT NO. 4; PROVIDING FOR RELATED MATTERS; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City of La Marque, Texas (the “City”), is authorized under Chapter 372 of the Texas Local Government Code, as amended (the “Act”), to create a public improvement district within the corporate limits of the City; and

WHEREAS, on December 3, 2018, Woodhaven Lakes, Ltd., a Texas limited partnership (the “Petitioner”) submitted and filed with the City Clerk of the City a petition (the “Petition”) requesting the establishment of a public improvement district to be known as the Trails at Woodhaven Lakes Public Improvement District No. 4 (the “District”) within the corporate limits of the City, such District to include the property depicted in Exhibit “A” and described by metes and bounds in Exhibit “B” (the “Property”), each attached hereto and incorporated herein for all purposes; and

WHEREAS, on December 10, 2018, the City Council of the City (the “City Council”) received the Petition which was signed by the owners of more than 50% of the appraised value of the taxable real property liable for assessment and the record owners of more than 50% of the area of all taxable real property within the District that is liable for assessment, and as such, the Petition complies with the Act; and

WHEREAS, on December 10, 2018, the City Council accepted the Petition and called a public hearing for January 14, 2019, on the creation of the District and the advisability of the improvements; and

WHEREAS, notice of the hearing was published in a newspaper of general circulation in the City on December 20, 2018; and

WHEREAS, on December 20, 2018, notice to the owners of property within the proposed District was sent by first-class mail to the owners of 100% of the property subject to assessment under the proposed District containing the information required by the Act such that such owners had actual knowledge of the public hearing to be held on January 14, 2019; and

WHEREAS, the City Council opened and conducted such public hearing on the advisability of the improvements and the creation of the District, and closed such hearing on January 14, 2019.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF LA MARQUE, TEXAS:

SECTION 1. That the findings set forth in the recitals of this Resolution are found to be true and correct.

SECTION 2. That the Petition submitted to the City by the Petitioner was filed with the City Clerk and complies with the Act.

SECTION 3. That pursuant to the requirements of the Act, including, without limitation, Sections 372.006, 372.009(a) and 372.009(b), the City Council, after considering the Petition and the evidence and testimony presented at the public hearing on January 14, 2019, hereby finds and declares:

- (a) *Advisability of the Proposed Improvements.* It is advisable to create the District to provide the Authorized Improvements (as described below). The Authorized Improvements are feasible and desirable and will promote the interests of the City and will confer a special benefit on the Property.
- (b) *General Nature of the Authorized Improvements.* The purposes of the District include the design, acquisition, construction and improvement of public improvement projects (the “Authorized Improvements”) authorized by the Act that are necessary for the development of the property within the District, which include, (i) landscaping; (ii) acquiring, constructing, improving, widening, narrowing, closing, or rerouting of sidewalks or of streets, any other roadways, or their rights-of-way; (iii) acquisition, construction, or improvement of off-street parking facilities; (iv) acquisition, construction, and improvement of water, wastewater and drainage facilities; (v) the establishment or improvement of parks; (vi) projects similar to those listed in subsections (i)-(v) above that are authorized by the Act, including off-site projects that provide a benefit to the property within the PID; (vii) acquisition, by purchase or otherwise, of real property in connection with an authorized improvement; (viii) maintenance costs associated with the Authorized Improvements, (ix) payment of costs and expenses associated with developing and financing the public improvements listed in (i)-(v) above, including costs of establishing, administering and operating the PID and paying costs of issuance, reserve funds or credit enhancement of bonds or other obligations issued to finance the Improvements. The Authorized Improvements promote the interests of the City and confer a special benefit upon the Property.
- (c) *Estimated Costs of the Authorized Improvements and Apportionment of Costs.* The estimated cost to design, acquire and construct the Authorized Improvements, together with bond issuance costs, eligible legal and financial fees, eligible credit enhancement costs and eligible costs incurred in establishment, administration and operation of the District is \$12,050,000 plus the annual operation and maintenance costs, if any. The City will pay no costs of the Authorized Improvements or operation and maintenance costs from funds other than assessments levied on property within the

District. The remaining costs of the proposed improvements will be paid from sources other than those described above.

- (d) *Boundaries of the District.* The District is proposed to include approximately 82.02 acres located generally to the south of Texas Avenue and west of Delany Road within the City. The boundaries of the District are set forth on Exhibits "A" and "B" attached hereto.
- (e) *Proposed Method of Assessment.* The City shall levy assessments on each parcel within the District in a manner that results in the imposition of an equal share of the costs of the Authorized Improvements on property similarly benefitted by such Authorized Improvements. The proposed method of assessment shall be based upon (i) an equal apportionment per lot, per front foot or per square foot of property benefiting from the Authorized Improvements, as determined by the City; (ii) the ad valorem taxable value of the property benefiting from the Authorized Improvements, with or without regard to improvements on the property; or (iii) in any manner that results in imposing equal shares of the cost on property similarly benefitted.
- (f) *Apportionment of Cost Between the District and the City.* The City will not be obligated to provide any funds to finance the Authorized Improvements. All of the costs of the Authorized Improvements will be paid from assessments levied on properties in the District and from other sources of funds available to the Petitioner.
- (g) *Management of the District.* The District shall be managed by the City, with the assistance of a consultant, who shall, from time to time, advise the City regarding certain operations of the District.
- (h) *Advisory Board.* The District shall be managed without the creation of an advisory body.

SECTION 4. That the Trails at Woodhaven Lakes Public Improvement District No. 4 is hereby authorized and created as a public improvement district under the Act in accordance with the findings of the City Council as to the advisability of the Authorized Improvements contained in this Resolution, the nature and the estimated costs of the Authorized Improvements, the boundaries of the District, the method of assessment and the apportionment of costs as described herein, and the conclusion that the District is needed to fund such Authorized Improvements.

SECTION 5. That notice of this Resolution authorizing the District shall be given by publishing such notice once in a newspaper of general circulation in the City. Effective upon the publication of such notice, the District shall be established.

SECTION 6. That City staff is directed to cause to be prepared a Service and Assessment Plan for the District and to present it to the City Council for review and approval.

SECTION 7. That this Resolution shall take effect immediately from and after its passage and publication as required by law.

[Signature page follows]

NOW, THEREFORE BE IT RESOLVED by City Council of the City of La Marque on this the ____ day of _____, 2019.

CITY OF LA MARQUE, TEXAS

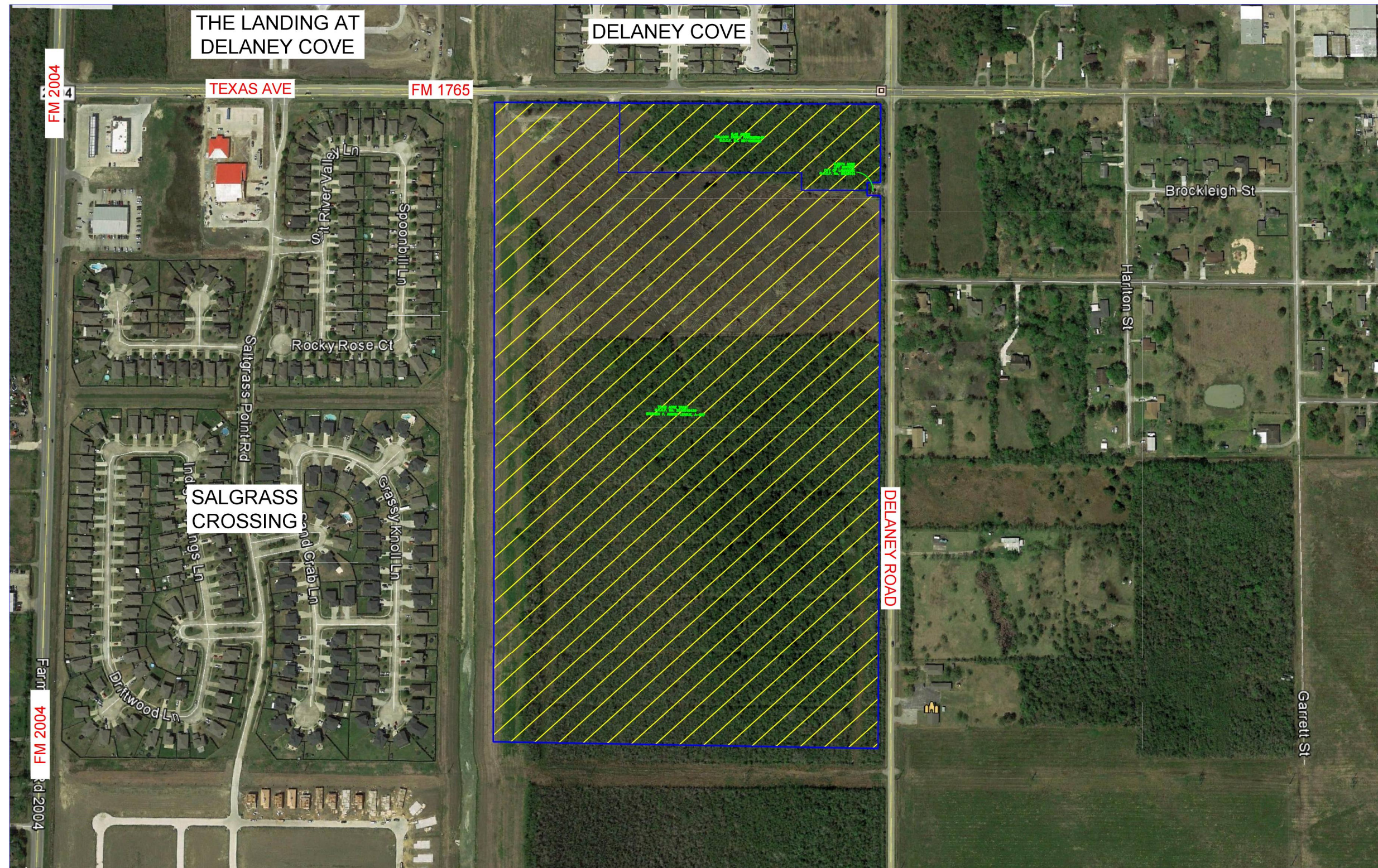
Bobby Hocking
Mayor

ATTEST:

Robin Eldridge, TRMC
City Clerk

APPROVED AS TO FORM:

Ellis J. Ortego
City Attorney



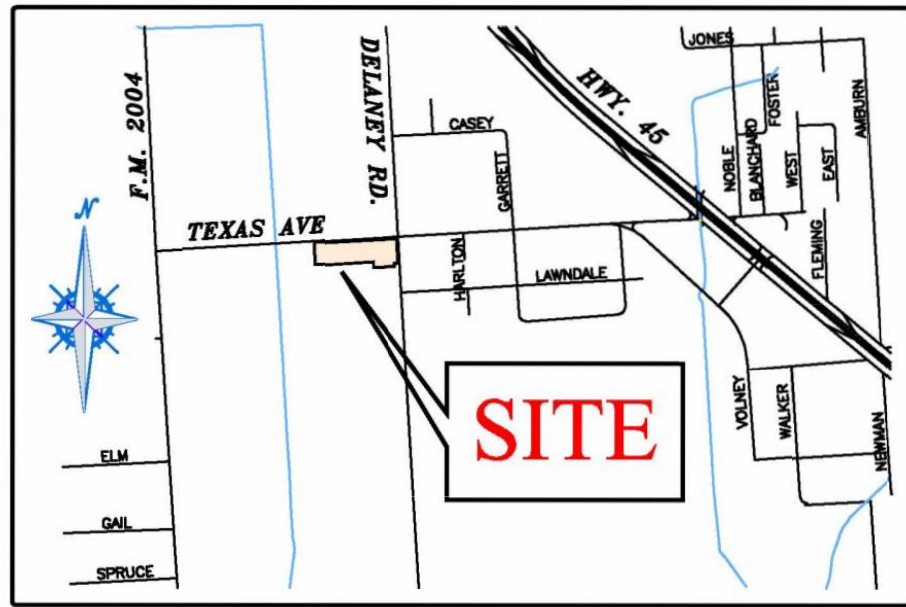
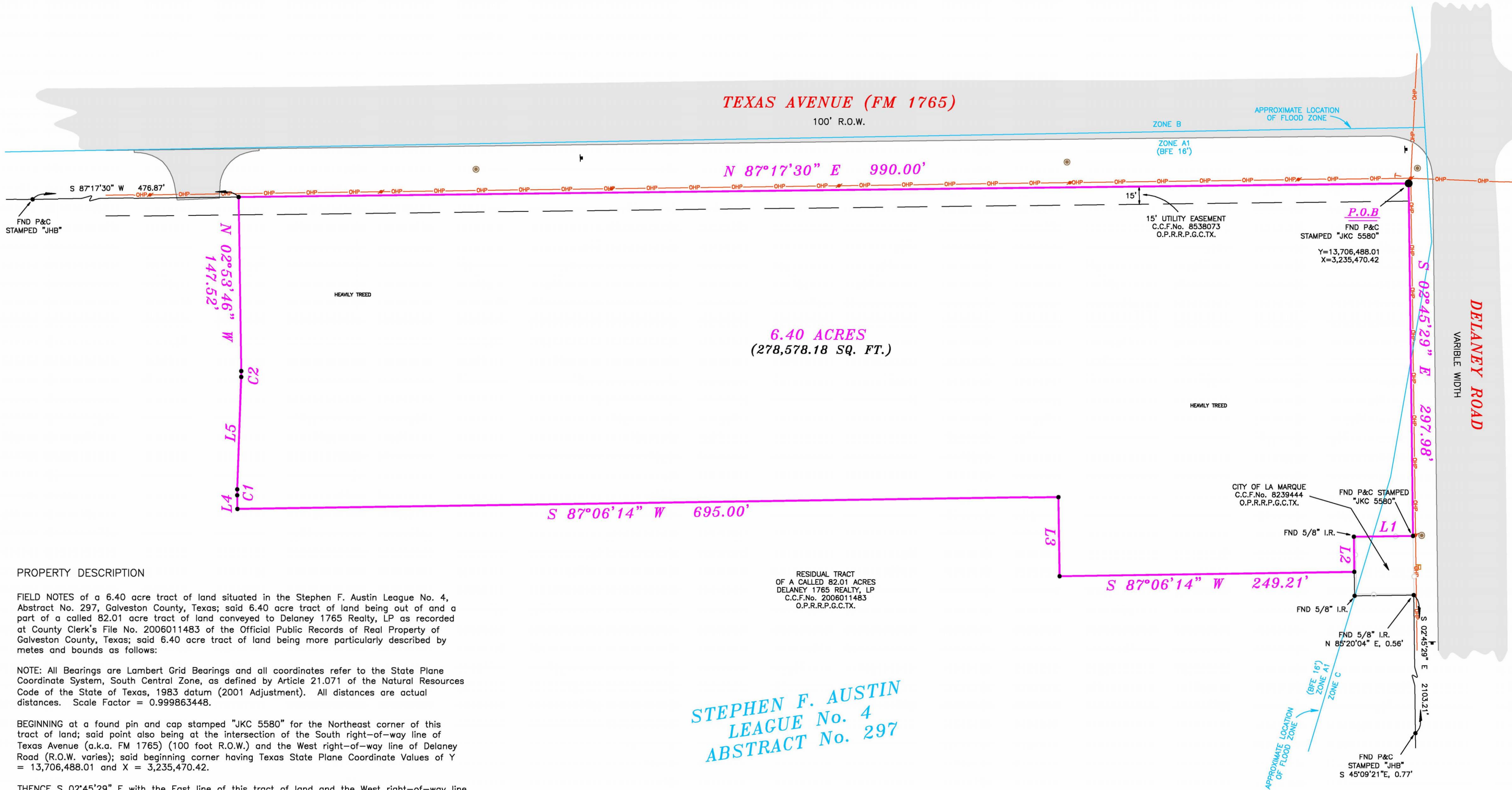
VICINITY MAP
LA MARQUE, TEXAS



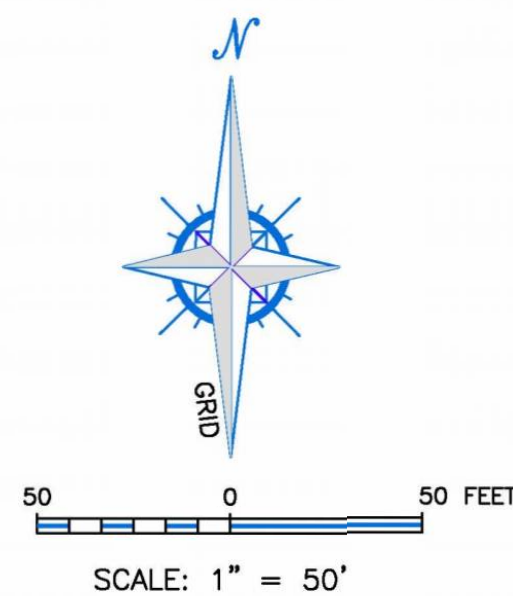
ADICO
CONSULTING ENGINEERS
211 East Parkwood, Ste. 209, FRIENDSWOOD, TX 77546
PHONE: 832-895-1093 WWW.ADICO-LLC.COM
TBPCE FIRM NO. 16423

TRAILS AT WOODHAVEN LAKES
PUBLIC IMPROVEMENT DISTRICT
EXHIBIT A

Scale:	Job No.:	Date:	Exhibit:
1"=400'	18100-01-25	12/17/2018	A



VICINITY MAP
NOT TO SCALE



VIEW FACING NORTHWEST PROPERTY COR
(TAKEN FROM TEXAS AVE)

PROPERTY DESCRIPTION

FIELD NOTES of a 6.40 acre tract of land situated in the Stephen F. Austin League No. 4, Abstract No. 297, Galveston County, Texas; said 6.40 acre tract of land being out of and a part of a called 82.01 acre tract of land conveyed to Delaney 1765 Realty, LP as recorded at County Clerk's File No. 2006011483 of the Official Public Records of Real Property of Galveston County, Texas; said 6.40 acre tract of land being more particularly described by metes and bounds as follows:

NOTE: All Bearings are Lambert Grid Bearings and all coordinates refer to the State Plane Coordinate System, South Central Zone, as defined by Article 21.071 of the Natural Resources Code of the State of Texas, 1983 datum (2001 Adjustment). All distances are actual distances. Scale Factor = 0.999863448.

BEGINNING at a found pin and cap stamped "JKC 5580" for the Northeast corner of this tract of land; said point also being at the intersection of the South right-of-way line of Texas Avenue (a.k.a. FM 1765) (100 foot R.O.W.) and the West right-of-way line of Delaney Road (R.O.W. varies); said beginning corner having Texas State Plane Coordinate Values of Y = 13,706,488.01 and X = 3,235,470.42.

THENCE S 02°45'29" E with the East line of this tract of land and the West right-of-way line of said Delaney Road a distance of 297.98 feet to a found pin and cap stamped "JKC 5580" for an angle point of this tract of land and also being the Northeast corner of a tract of land conveyed to the City of La Marque as recorded at County Clerk's File No. 8239444 of the Official Public records of Real Property of Galveston County, Texas.

THENCE S 87°14'31" W with an interior line of this tract of land and the North line of said City of La Marque tract of land a distance of 50.00 feet to a found 5/8 inch iron rod for an interior corner of this tract of land and also being the Northwest corner of said City of La Marque tract of land.

THENCE S 02°45'29" E with an interior line of this tract of land and the West line of said City of La Marque tract of land a distance of 29.74 feet to a set pin and cap stamped "JKC 5580" for the Southeast corner of this tract of land; from this corner a found 5/8 inch iron rod bears S 02°45'29" E a distance of 20.26 for the Southwest corner of said City of La Marque tract of land.

THENCE S 87°06'14" W with the South line of this tract of land a distance of 249.21 feet to a set pin and cap stamped "JKC 5580" for the most Southerly Southwest corner of this tract of land.

THENCE N 02°53'46" W with an interior line of this tract of land a distance of 66.75 feet to a set pin and cap stamped "JKC 5580" for an interior corner of this tract of land.

THENCE S 87°06'14" W with the South line of this tract of land a distance of 695.00 feet to a set pin and cap stamped "JKC 5580" for the Southwest corner of this tract of land.

THENCE N 02°53'46" W with the West line of this tract of land a distance of 11.58 feet to a set pin and cap stamped "JKC 5580" for the beginning of a curve to the right, concave Easterly.

THENCE in a Northerly direction with the West line of this tract of land and said curve to the right having a central angle of 02°51'45", a radius of 100.00 feet, a length of 5.00 feet and a chord bearing and distance of N 01°27'53" W, 5.00 feet to a set pin and cap stamped "JKC 5580" for the end of this curve.

THENCE N 00°02'01" W with the West line of this tract of land a distance of 95.13 feet to a set pin and cap stamped "JKC 5580" for the beginning of a curve to the left, concave Westerly.

THENCE in a Northerly direction with the West line of this tract of land and said curve to the left having a central angle of 02°51'45", a radius of 100.00 feet, a length of 5.00 feet and a chord bearing and distance of N 01°27'53" W, 5.00 feet to a set pin and cap stamped "JKC 5580" for the end of this curve.

THENCE N 02°53'46" W with the West line of this tract of land a distance of 147.52 feet to a set pin and cap stamped "JKC 5580" for the Northwest corner of this tract of land; said point being in the North line of said Delaney 1765 Realty, LP tract of land and also being in the South right-of-way line of said Texas Avenue.

THENCE N 87°17'30" E with the North line of this tract of land and the South right-of-way line of said Texas Avenue a distance of 990.00 feet to the PLACE OF BEGINNING, containing within said boundaries a calculated area of 6.40 acres (278,578.18 sq.ft.) of land.

Surveyed: September 22-24, 2010

I hereby certify that on the above dates, the herein described tract of land, together with improvements located thereon, was surveyed on the ground and under my direction, and that this map, together with dimensions as shown hereon, accurately represents the facts as found on the ground this date.

WITNESS my hand and seal at Dickinson, Texas, this 4th., day of October, 2010.

A. MUNROE KELSAY
Registered Professional
Land Surveyor 5580

Surveyed for: Pollock Family Partnership, Ltd.

This certification is revoked and this survey is null and void if this document is altered in any manner, used or relied upon by anyone other than the parties addressed above, or does not bear an original blue signature and original black seal of the surveyor.

LEGEND

- OHP = OVERHEAD POWER LINE
- = CHAINLINK FENCE
- ⚡ = POWER POLE
- ⊙ = MANHOLE
- T = GUY WIRE
- ▲ = SIGN
- = TELEPHONE RISER
- = SET P&C STAMPED "JKC 5580" (UNLESS NOTED OTHERWISE)

CURVE TABLE

CURVE	RADIUS	DELTA	ARC	BEARING	CHORD
C1	100.00'	02°51'45"	5.00'	N 01°27'53" W	5.00'
C2	100.00'	02°51'45"	5.00'	N 01°27'53" W	5.00'

LINE TABLE

LINE	DISTANCE	BEARING
L1	50.00'	S 87°14'31" W
L2	29.74'	S 02°45'29" E
L3	66.75'	N 02°53'46" W
L4	11.58'	N 02°53'46" W
L5	95.13'	N 00°02'01" W

Notes:

1.) This property lies within zones A1 (BFE 16') and C as determined by FEMA and as shown on F.I.R.M. 485486 0005 D, dated February 16, 1983. This information is intended to be used to determine insurance rates only, and not to identify flooding conditions.

2.) All bearings are Lambert grid bearings and all coordinates refer to the Texas State Plane Coordinate System, South central Zone (#4202), as defined by article 21.071 of the Natural Resources Code of the State of Texas, 1983 Datum (2001 adjustment). All distance are actual distances. Scale factor = 0.999863448.

3.) This survey has been prepared based on title commitment provided by Fidely National Title Company, G.F. No. FTH-21-FTH10005660BH issued June 14, 2010.

4.) Future development of this tract of land is subject to the developmental requirements of the City of La Marque, Texas, and is subject to the zoning ordinances of said city.

5.) The Texas Department of Transportation may require a driveway permit for access to F.M. 1765.

6.) Surface or subsurface faulting, hazardous waste, wetland designations or other environmental issues have not been addressed within the scope of this survey.

 Naismith Marine Services Sea Floor Surveying 3786 South Alameda, Suite 205, Corpus Christi, Texas 78411 (361)-945-0248 (361)-688-8785	NO.	DATE:	REVISION		
BOUNDARY SURVEY OF A 6.40 ACRE TRACT OF LAND LOCATED IN LA MARQUE, TX.			SCALE: 1" = 50'	DATE:	SHEET:
			DRAWN BY: AMK	OCT. 4, 2010	1 OF 1



CITY COUNCIL AGENDA FORM

Meeting Date: April 8, 2019

Prepared by: Charlene Warren

Department: Administration

Agenda item: 8b

Reviewed by: Charlene Warren

AGENDA ITEM DESCRIPTION: Discussion/possible action regarding a proposed Development Agreement between the City of La Marque, Texas and Woodhaven Lakes, Ltd. for Trails at Woodhaven Lakes subdivision, and provide direction to City Manager (**THIS ITEM WAS TABLED FROM THE MARCH 11, 2019 COUNCIL MEETING**)



ATTACHMENT FOR REFERENCE

N/A

STAFF BRIEFING:

- On December 3, 2018, Woodhaven Lakes, Ltd. (developer) submitted to the City Clerk a petition requesting the establishment of a public improvement district (PID) to be known as Trails at Woodhaven Lakes.
- Special legal counsel has been working on behalf of the City with the developer to draft terms for a PID development and financing agreement.
- As of Wednesday, March 6, 2019, negotiations were still in progress with both parties and no final agreement is ready to be presented to Council.
- Staff recommends this item be tabled until the April 8, 2019 Council meeting or until a final proposed agreement can be reached.

HISTORY: N/A

TARGET IMPLEMENTATION: Pending terms agreed upon by both parties.

SIGNIFICANT ACTION DATES:

1.14.2019 - Item tabled at Council meeting

2.11.2019 - Item tabled at Council meeting

3.11.2019 - Item tabled at Council meeting

ACTION:

- | | |
|--|---|
| ☐ Ordinance | ☐ Resolution |
| ☐ Special Presentation | ☐ Proclamation |
| ☐ Finance Report | ☐ Public Hearing |
| ☒ Other - Proposed Agreement | |
| ☒ Mark if this item does not conflict with any Resolution, Ordinance or City Charter, policies, procedures | |

Cost Details:

Budgeted	
Actual Bid	
Estimated Expenditure	
Acct. Name(s)	
Line Item #	
Other Funding	



CITY COUNCIL AGENDA FORM

STAFF'S RECOMMENDATION: Dependent upon Council's discussion

FISCAL IMPACT: To be determined



CITY COUNCIL AGENDA FORM

Meeting Date: April 8, 2019

Prepared by: Suzy Kou

Department: Finance

Agenda item: 9a

Reviewed by: Charlene Warren

AGENDA ITEM DESCRIPTION: Discussion/possible action regarding adopting Resolution No. R-2019-006 authorizing certain officers of the City to sign and endorse checks and drafts of the City of La Marque bank accounts effective May 1, 2019

☒ X

ATTACHMENTS FOR REFERENCE

1. Resolution

STAFF BRIEFING:

- Proposed change: Replace Charlene Warren, Interim City Manager with Charles (Tink) Jackson, City Manager effective May 1, 2019.

HISTORY:

TARGET IMPLEMENTATION: May 1, 2019

SIGNIFICANT ACTION DATES:

ACTION:

- | | |
|--|--|
| ☐ Ordinance | ☒ Resolution |
| ☐ Special Presentation | ☐ Proclamation |
| ☐ Finance Report | ☐ Public Hearing |
| ☐ Other | |
| ☒ Mark if this item does not conflict with any Resolution, Ordinance or City Charter, policies, procedures | |

Cost Details:

Budgeted	N/A
Actual Bid	N/A
Estimated Expenditure	N/A
Acct. Name(s)	N/A
Line Items #	N/A
Other Funding	N/A

STAFF'S RECOMMENDATION: Motion to adopt Resolution No. R-2019-006 authorizing certain officers of the City to sign and endorse checks and drafts of the City of La Marque bank accounts effective May 1, 2019

FISCAL IMPACT: N/A

RESOLUTION NO. R-2019-006

A RESOLUTION BY THE CITY COUNCIL OF THE CITY OF LA MARQUE, TEXAS, AUTHORIZING CERTAIN OFFICERS OF THE CITY TO SIGN AND ENDORSE CHECKS AND DRAFTS OF THE CITY OF LA MARQUE BANK ACCOUNTS.

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF LA MARQUE, TEXAS, THAT:

Section 1. That any two (2) or more of the following officers of the City shall be authorized to endorse and cash checks, drafts and similar documents on behalf of the City of La Marque in connection with any bank account of the City of La Marque.

<u>NAME OF SIGNING OFFICER</u>	<u>TITLE OF SIGNING OFFICER</u>
Bobby Hocking	Mayor
Charles (Tink) Jackson	City Manager
Suzy Kou	Finance Director
Robin Eldridge	City Clerk

Section 2. That any two (2) or more of the signing officers except for Mayor Bobby Hocking referenced in Section 1 with hereof are authorized to receive statements and canceled vouchers of the City of La Marque and to appoint an agent or agents to do the same; furthermore, such officers are authorized to stop payment of checks of the City of La Marque and to revoke stop payment orders.

Section 3. That the bank which is now depository for city funds is hereby authorized to honor or accept all drafts, checks and similar documents executed or endorsed on behalf of the City of La Marque in the manner provided in Section 1, hereof for the credit of or in payment of any obligations of or by the payee or any other holder.

Section 4. That a certified copy of this resolution shall be complete and full evidence of the enactment of this Resolution and of the authority of the respective officers herein named, and said authority shall remain in full force until written notice of revocation thereof shall be received by the bank or a certified copy of a Resolution designating different officers is received by the bank.

Section 5. That any and all resolutions, ordinances, or other orders of the City Council of the City of La Marque which may be in conflict herewith or any provisions thereof are hereby repealed to the extent of such inconsistency.

Section 6. That this Resolution shall become effective on May 1, 2019 and shall remain in effect until amended or superseded.

PASSED AND APPROVED this the _____ day of _____, 2019.

ATTEST:

THE CITY OF LA MARQUE, TEXAS

By: _____
Robin Eldridge, TRMC
City Clerk

By: _____
Bobby Hocking
Mayor

APPROVED AS TO FORM

Ellis J. Ortego
City Attorney



CITY COUNCIL AGENDA FORM

Meeting Date: April 8, 2019

Prepared by: Suzy Kou

Department: Finance

Agenda item: 9b

Reviewed by: Charlene Warren

AGENDA ITEM DESCRIPTION: Discussion/possible action regarding adopting Resolution No. R-2019-007 authorizing certain officers of the City as authorized representatives to administer and manage the City's TexPool investment accounts effective May 1, 2019

☒ X

ATTACHMENTS FOR REFERENCE

1. Resolution

STAFF BRIEFING:

- Proposed change: Replace Charlene Warren, Interim City Manager with Charles (Tink) Jackson, City Manager effective May 1, 2019.

HISTORY:

TARGET IMPLEMENTATION: May 1, 2019

SIGNIFICANT ACTION DATES:

ACTION:

- | | |
|--|--|
| ☐ Ordinance | ☒ Resolution |
| ☐ Special Presentation | ☐ Proclamation |
| ☐ Finance Report | ☐ Public Hearing |
| ☐ Other | |
| ☒ Mark if this item does not conflict with any Resolution, Ordinance or City Charter, policies, procedures | |

Cost Details:

Budgeted	N/A
Actual Bid	N/A
Estimated Expenditure	N/A
Acct. Name(s)	N/A
Line Items #	N/A
Other Funding	N/A

STAFF'S RECOMMENDATION: Motion to adopt Resolution No. R-2019-007 authorizing certain officers of the City as authorized representatives to administer and manage the City's TexPool investment accounts effective May 1, 2019

FISCAL IMPACT: N/A



Resolution Amending Authorized Representatives

Please use this form to amend or designate Authorized Representatives.

This document supersedes all prior Authorized Representative forms.

* Required Fields

1. Resolution

WHEREAS,

City of La Marque

Participant Name*

7 7 8 5 5

Location Number*

("Participant") is a local government of the State of Texas and is empowered to delegate to a public funds investment pool the authority to invest funds and to act as custodian of investments purchased with local investment funds; and

WHEREAS, it is in the best interest of the Participant to invest local funds in investments that provide for the preservation and safety of principal, liquidity, and yield consistent with the Public Funds Investment Act; and

WHEREAS, the Texas Local Government Investment Pool ("TexPool/ Texpool Prime"), a public funds investment pool, were created on behalf of entities whose investment objective in order of priority are preservation and safety of principal, liquidity, and yield consistent with the Public Funds Investment Act.

NOW THEREFORE, be it resolved as follows:

- A. That the individuals, whose signatures appear in this Resolution, are Authorized Representatives of the Participant and are each hereby authorized to transmit funds for investment in TexPool / TexPool Prime and are each further authorized to withdraw funds from time to time, to issue letters of instruction, and to take all other actions deemed necessary or appropriate for the investment of local funds.
- B. That an Authorized Representative of the Participant may be deleted by a written instrument signed by two remaining Authorized Representatives provided that the deleted Authorized Representative (1) is assigned job duties that no longer require access to the Participant's TexPool / TexPool Prime account or (2) is no longer employed by the Participant; and
- C. That the Participant may by Amending Resolution signed by the Participant add an Authorized Representative provided the additional Authorized Representative is an officer, employee, or agent of the Participant;

List the Authorized Representative(s) of the Participant. Any new individuals will be issued personal identification numbers to transact business with TexPool Participant Services.

1.

Name: Suzy Kou Title: Finance Director

Phone: 4 0 9 9 3 8 9 2 0 5 Fax: 4 0 9 8 7 7 5 0 2 0 Email: financedirector@cityoflamarque.org

Signature: _____
2.

Name: Charles (Tink) Jackson Title: City Manager

Phone: 4 0 9 9 3 8 9 2 2 5 Fax: 4 0 9 9 3 5 0 4 0 1 Email: c.jackson@cityoflamarque.org

Signature: _____
3.

Name: _____ Title: _____

Phone: _____ Fax: _____ Email: _____

Signature: _____

1. Resolution (continued)

4.

Name	Title
Phone	Fax
Email	
Signature	

List the name of the Authorized Representative listed above that will have primary responsibility for performing transactions and receiving confirmations and monthly statements under the Participation Agreement.

Suzy Kou

Name

In addition and at the option of the Participant, one additional Authorized Representative can be designated to perform only inquiry of selected information. This limited representative cannot perform transactions. If the Participant desires to designate a representative with inquiry rights only, complete the following information.

Mysty Nauck										Accountant																			
Name										Title																			
4	0	9	9	3	8	9	2	1	2	4	0	9	8	7	7	5	0	2	0	m.nauck@cityofamarque.org									
Phone										Fax										Email									

D. That this Resolution and its authorization shall continue in full force and effect until amended or revoked by the Participant, and until TexPool Participant Services receives a copy of any such amendment or revocation. This Resolution is hereby introduced and adopted by the Participant at its regular/special meeting held on the 08 day of April, 2019.

Note: Document is to be signed by your Board President, Mayor or County Judge and attested by your Board Secretary, City Secretary or County Clerk.

City of La Marque
Name of Participant*

SIGNED

Signature*

Bobby Hocking

Printed Name*

Mayor

Title*

ATTEST

Signature*

Printed Name*

City Clerk

2. Mailing Instructions

The completed Resolution Amending Authorized Representatives can be faxed to TexPool Participant Services at 1-866-839-3291, and mailed to:

TexPool Participant Services
1001 Texas Avenue, Suite 1400
Houston, TX 77002



CITY COUNCIL AGENDA FORM

Meeting Date: April 8, 2019

Prepared by: Suzy Kou

Department: Finance

Agenda item: 9c

Reviewed by: Charlene Warren

AGENDA ITEM DESCRIPTION: Discussion/possible action regarding adopting Logic Resolution No. **R-2019-008** authorizing certain officers of the City as authorized representatives to administer and manage the City's investment accounts effective May 1, 2019

☒ X

ATTACHMENTS FOR REFERENCE

1. Resolution

STAFF BRIEFING:

- Proposed change: Replace Charlene Warren, Interim City Manager with Charles (Tink) Jackson, City Manager effective May 1, 2019.

HISTORY:

TARGET IMPLEMENTATION: May 1, 2019

SIGNIFICANT ACTION DATES:

ACTION:

- | | |
|--|--|
| ☐ Ordinance | ☒ Resolution |
| ☐ Special Presentation | ☐ Proclamation |
| ☐ Finance Report | ☐ Public Hearing |
| ☐ Other | |
| ☒ Mark if this item does not conflict with any Resolution, Ordinance or City Charter, policies, procedures | |

Cost Details:

Budgeted	N/A
Actual Bid	N/A
Estimated Expenditure	N/A
Acct. Name(s)	N/A
Line Item #	N/A
Other Funding	N/A

STAFF'S RECOMMENDATION: Motion to adopt Logic Resolution No. **R-2019-008** authorizing certain officers of the City as authorized representatives to administer and manage the City's investment accounts effective May 1, 2019

FISCAL IMPACT: N/A

**RESOLUTION CHANGING AUTHORIZED REPRESENTATIVES FOR LOCAL
GOVERNMENT INVESTMENT COOPERATIVE**

WHEREAS, City of La Marque

(the "Government Entity") by authority of that certain Local Government Investment Cooperative Resolution R-2019-008 (the "Resolution") has entered into that certain Interlocal Agreement (the "Agreement") and has become a participant in the public funds investment pool created thereunder known as Local Government Investment Cooperative ("LOGIC");

WHEREAS, the Resolution designated on one or more "Authorized Representatives" within the meaning of the Agreement;

WHEREAS, the Government Entity now wishes to update and designate the following persons as the "Authorized Representatives" within the meaning of the Agreement;

NOW, THEREFORE, BE IT RESOLVED:

The following officers, officials or employees of the Government Entity are hereby designated as "Authorized Representatives" within the meaning of the Agreement, with full power and authority to: deposit money to and withdrawal money from the Government Entity's LOGIC account or accounts from time to time in accordance with the Agreement and the Information Statement describing the Agreement and to take all other actions deemed necessary or appropriate for the investment of funds of the Government Entity in LOGIC:

- | | |
|--|--|
| 1. Name: <u>Suzy Kou</u> | Title: <u>Finance Director</u> |
| Signature: _____ | Phone: <u>(409) 938-9205</u> |
| | Email: <u>financedirector@cityoflamarque.org</u> |
| 2. Name: <u>Charles (Tink) Jackson</u> | Title: <u>City Manager</u> |
| Signature: _____ | Phone: <u>(409) 938-9225</u> |
| | Email: <u>c.jackson@cityoflamarque.org</u> |
| 3. Name: _____ | Title: _____ |
| Signature: _____ | Phone: _____ |
| | Email: _____ |
| 4. Name: _____ | Title: _____ |
| Signature: _____ | Phone: _____ |
| | Email: _____ |

{REQUIRED} PRIMARY CONTACT: List the name of the Authorized Representative listed above that will be designated as the Primary Contact and will receive all LOGIC correspondence including transaction confirmations and monthly statements

Name: Suzy Kou

{OPTIONAL} INQUIRY ONLY CONTACT: In addition, the following additional Participant representative (*not listed above*) is designated as an ***Inquiry Only*** Representative authorized to obtain account information:

Name: Mysty Nauck Title: Accountant

Signature: _____ Phone: (409) 938-9212

Email: m.nauck@cityoflamarque.org

Applicant may designate other authorized representatives by written instrument signed by an existing Applicant Authorized Representative or Applicant's chief executive officer.

The foregoing supersedes and replaces the Government Entity's previous designation of officers, officials or employees of the Government Entity as Authorized Representatives under the Agreement pursuant to paragraph 4 of the Resolution. Except as hereby modified, the Resolution shall remain in full force and effect.

PASSED AND APPROVED this 8th day of April, 2019.

City of La Marque

(NAME OF ENTITY/APPLICANT)

SIGNED BY: _____
(Signature of official)

Bobby Hocking, Mayor

(Printed name and title)

ATTESTED BY: _____
(Signature of official)

Robin Eldridge, City Clerk

(Printed name and title)

OFFICIAL SEAL OF PARTICIPANT
(*REQUIRED*)

LOGIC strongly recommends that the Personal Identification Number (PIN) be changed if there is a change in "Authorized Representatives". Please include a request to change the PIN number when sending the "Amending Resolution" to LOGIC.



CITY COUNCIL AGENDA FORM

Meeting Date: April 8, 2019

Prepared by: Chaise Cary

Department: Public Works

Agenda item: 9d

Reviewed by: Charlene Warren

AGENDA ITEM DESCRIPTION: Discussion/possible action regarding adopting Ordinance No. O-2019-006, amending Chapter 68, Article V, Section 68-138 (a), of the Code of Ordinances of the City of La Marque, Texas, to adopt the revised Water Conservation Plan and Drought Contingency Plan **THIS IS THE FIRST READING**

☒ X

ATTACHMENTS FOR REFERENCE:

1. Ordinance
2. Water Conservation Plan
3. Drought Contingency Plan

STAFF BRIEFING:

- The water conservation plan is a combination of strategies for reducing the consumption of water, reducing the loss or waste of water, improving or maintaining the efficiency in the use of water, or increasing recycling and reuse of water.
- The drought contingency, or the emergency demand management plan, is a combination of strategies for responding to temporary and potentially recurring water supply shortages and for other supply emergencies.
- The plan requires updating and resubmission every 5 years to the Texas Commission on Environmental Quality (TCEQ).
- Texas Water Development Board, TCEQ, and Gulf Coast Water Authority require the plans to be submitted by May 1, 2019.

HISTORY:

- City of La Marque's current water conservation and drought contingency plan, which were completed in April 2014 and expires in May 2019.
- LJA Engineering has completed the last (4) water conservation/drought contingency plans for the City of La Marque, dating back to 2000.

TARGET IMPLEMENTATION: May 13, 2019

SIGNIFICANT ACTION DATES:

04.08.2019 - First reading of Ordinance

05.13.2019 - Second reading of Ordinance



CITY COUNCIL AGENDA FORM

ACTION:

- | | |
|--|---|
| ☒ Ordinance | ☐ Resolution |
| ☐ Special Presentation | ☐ Proclamation |
| ☐ Finance Report | ☐ Public Hearing |
| ☐ Other | |
| ☒ Mark if this item does not conflict with any Resolution, Ordinance or City Charter, policies, procedures | |

Cost Details:

Budgeted	5,000.00
Actual Bid	N/A
Estimated Expenditure	2,500.00
Acct. Name	Prof. Services
Line Item #	02-4040-24-00
Other Funding	

STAFF'S RECOMMENDATION: Motion to adopt Ordinance No. O-2019-006, amending Chapter 68, Article V, Section 68-138 (a), of the Code of Ordinances of the City of La Marque, Texas, to adopt the revised Water Conservation Plan and Drought Contingency Plan **THIS IS THE FIRST READING**

FISCAL IMPACT: The cost for LJA Engineering to prepare the plans is approximately \$2,500.

ORDINANCE NUMBER O-2019-006

AN ORDINANCE OF THE CITY OF LA MARQUE, TEXAS AMENDING CHAPTER 68, ARTICLE V, SECTION 68-138 (a), OF THE CODE OF ORDINANCES, CITY OF LA MARQUE, TEXAS, TO ADOPT THE REVISED WATER CONSERVATION PLAN.

WHEREAS, the City of La Marque, Texas recognizes that the amount of water available to the City and its water utility customers is limited and subject to depletion during periods of extended drought;

WHEREAS, Section 11.1272 and Subchapter A of Chapter 288 of the Texas Water Code and applicable rules of the Texas Commission on Environmental Quality require all public water supply systems in Texas to prepare a water conservation plan and a Drought Contingency Plan.

WHEREAS, the current water conservation plan is in need of review.

NOW THEREFORE BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LA MARQUE, TEXAS:

That Chapter 68, Article V, Section 68-138 (a), is hereby amended to read as follows:

“Section 68-138 Adopted.

(a) The City of La Marque, Texas, Revised Water Conservation Plan attached hereto as Exhibit “A” is hereby adopted.

PASSED AND APPROVED on the first reading by the City Council of the City of La Marque, Texas on this the _____ day of _____, 2019.

PASSED AND APPROVED on the second and final reading by the City Council of the City of La Marque, Texas on this the _____ day of _____, 2019.

Bobby Hocking, Mayor
City of La Marque, Texas

Attest:

Approved as to Form:

Robin Eldridge, TRMC
City Clerk

Ellis J. Ortego, City Attorney

CITY OF LA MARQUE WATER CONSERVATION PLAN



CITY OF LA MARQUE

1111 Bayou Road
La Marque, Texas 77568
409-938-9200

CHAISE CARY
INTERIM PUBLIC WORKS DIRECTOR

APRIL 2019

LJA Engineering, Inc.
East Houston Office
11821 East Freeway Suite 360
Houston, Texas 77029
713-450-1300



TABLE OF CONTENT

1.0	INTRODUCTION	1
2.0	GOALS	1
2.1	<i>Water Loss</i>	3
3.0	BEST MANAGEMENT PRACTICES	4
3.1	<i>System Water Audit and Water Loss</i>	4
3.2	<i>Metering (BMP)</i>	5
3.3	<i>Water Conservation Pricing</i>	6
3.4	<i>Prohibition on Wasting Water</i>	8
3.5	<i>Residential Toilet Replacement Program</i>	8
3.6	<i>Public Information</i>	10
3.7	<i>School Education</i>	11
3.8	<i>Water Wise Landscape Design and Conservation Program</i>	12
3.9	<i>Park Conservation</i>	14
3.10	<i>Reuse of Reclaimed Water</i>	15
3.11	<i>Coordination with Regional Water Planning Group</i>	16

Utility Profile

Appendix A	Definitions of Utility Profile Terms
Appendix B	Definitions of Commonly Used Terms
Appendix C	Water System Map
Appendix D	Sketch of Wastewater Plant and Discharge
Appendix E	Water Rates
Appendix F	Map of Water Plants
Appendix G	Resolution for Adoption of a Water Conservation Plan



1.0 INTRODUCTION

The City of La Marque is an incorporated City approximately 38 miles southeast of downtown Houston. La Marque contains about thirteen and one-quarter square miles of property within central Galveston County. The City lies on the mainland portion of Galveston County and is bounded on the north and east by the City of Texas City, on the west by the City of Santa Fe, and on the south by the City of Hitchcock and an unincorporated section of Galveston County.

The City of La Marque is primarily a residential community with few commercial and industrial customers. The City has an efficient City Council, “mayor/city manager — form of government.” The City Manager is responsible to the Mayor and City Council.

La Marque’s mission is to effectively manage the City’s water supply, production and distribution system in order to meet water supply needs and to provide safe drinking water that meets or exceeds state and federal regulations; to review the design and construction of water facilities; to ensure the adequacy of the water system; to meet projected growth requirements; and to identify and meet consumer needs and expectations. The City plans and executes activities necessary to provide expected quality services to the citizens, so that the opportunity to enjoy a high quality of life is afforded to all.

The 2018 population estimate is 16,766 (based on information from the United States Census Bureau). The City has experienced very slow growth over the past several years with very few customers being added.

The City of La Marque’s ground water (well water) plants consists of a well and booster pumps at each location. The wells are primarily on standby and are used for emergencies and peak demands. Total capacity of the three water wells is 3.888 mgd. (See Attachment: “A” — Water System).

The City is committed to maintaining and improving the City’s Water Conservation Plan by expanding the existing plan, expanding the educational program and following the guidelines and information provided by the Texas Water Development Board (TWDB).

2.0 GOALS

La Marque’s City’s Water Conservation Plan objectives are to improve the efficiency of water use through practices and techniques that will reduce water consumption, reduce summertime usage, especially during dry weather, reduce water loss and increase water reuse.

It is also the goal of La Marque is to expand and improve the Water Conservation Plan to achieve a one percent reduction per year in total gallons per capita per day (gpcd) over the next five (5) and ten-year (10) periods. The one percent reduction per year is recommended by the Texas State Water Conservation Implementation Task Force. The water saving target goals (gpcd) are shown in Table No. 1b below.

La Marque has done well terms of water conservation, as the City’s consumption of 175 gpcd in 2016, 165 gpcd in 2017 and 161 gpcd in 2018. This reduction does meet the one percent recommended reduction.



Water Conservation Plan

The reduction in per capita consumption is a result of a combination of conservation efforts, including the City's accounting program, water system inspection program, the water meter program, system repairs and public education.

The five (5) and ten (10) - year gpcd target goals are shown in Table No. 1a below.

Table 1a
Water Consumption Goals Based on Gallons Per Capita Per Day (gpcd)

	Actual		Target Goals		
Year	2014	2018	2023	2026	2028
Total gpcd	166	161	155	151	147

The above calculations were made by dividing the water diverted or pumped for treatment for potable use by population served.

Table 1b
Water Consumption Goals for 5- and 10-Years (gpcd)

	Historic 5yr Average	Baseline (2018)	5-yr Goal for year 2023	10-yr Goal for Year 2028
Total GPCD	167	161	155	147
Residential GPCD	96	108	104	99
Water Loss (GPCD)	23	19	12	4
Water Loss (Percentage)	14%	12%	7%	3%



2.1 Water Loss

Water loss is a primary concern of the City of La Marque and percent water losses and losses in gallons per capita per day (gpcd) for the last three (3) years (2016-2018) are shown in Table 2 below.

Table 2
Water Loss Percentage and Gallons Per Capita Per Day (gpcd)

Year	Population	Water Loss (1,000 gals)	% Loss	gpcd
2016	16,393	0	0	0
2017	16,766	179,407	18	19
2018	16,766	116,157	14	23

The goal/target of the City of La Marque is to reduce water loss by 4% per year over five- (5) and ten- (10) year periods.

The water loss projected goals/targets expressed in gallons per capita per day (gpcd) for five- (5) and ten- (10) year periods are reflected in Tables 3 & 4 below.

Table 3
Five- (5) Year Water Loss Goals/Targets (gpcd)

Year	Population Est.	Water Loss Est. (1,000 gals)	gpcd Loss
2019	16,766	110,167	18
2020	17,017	101,654	16
2021	17,272	92,861	15
2022	17,531	83,781	13
2023	17,794	74,408	12

Table 4
Ten- (10) Year Water Loss Goals/Targets (gpcd)

Year	Population Est.	Water Loss Est. (1,000 gals)	gpcd Loss
2024	18,061	64,735	10
2025	18,332	54,755	8
2026	18,607	44,461	7
2027	18,886	33,846	5
2028	19,169	22,903	4



3.0 BEST MANAGEMENT PRACTICES

Water consumption in the City of La Marque is driven by a wide variety of domestic, commercial, industrial and institutional needs. Best Management Practices (BMPs), as recommended by the Texas Water Development Board (TWDB), have been developed and utilized by the City of La Marque to improve water use efficiency and for programs to assist and improve the City's water customers in the efficient use of water.

BMPs that are presently in effect and some that will be considered for implementation are described in the next paragraphs and in greater detail in following sections.

The System Water Audits and Water Loss BMP allows the City of La Marque's utility Section to reliably track water use and provide the information needed to address unnecessary water and revenue losses. The Metering of all New Connections BMP has been established to create equity among customers, reduce water waste, and reduce flows to wastewater facilities. The City of La Marque presently has a Retrofit Program in place. The City is responsible for the inside inspection of all residential and commercial structures. The Water Conservation Pricing BMP is designed to discourage the wasting of water while assuring the fiscal obligations of the system are met. The prohibition of Wasting Water BMP is aimed at customers who continue to waste water despite Water Utility efforts to educate customers to reduce the wasting of water.

3.1 System Water Audit and Water Loss

To maximize the benefits of this BMP, the City uses the information from the water audit to revise meter testing and repair practices, reduce unauthorized water use, improve accounting for authorized but unbilled water and implement effective water loss management strategies. HB 3338 requires a retail public utility providing potable water to perform and file with the Texas Water Development Board (TWDB) every five years a water audit computing its most recent annual audit system water lost. The City of La Marque will explore the implementation of a more frequent water auditing and loss reduction by conducting an annual audit of the system.

The City already tracks water loss by their leak detection program, leak repair, meter change out and water use by the City. All City facilities are presently being metered.

Leak detection consists of utilizing the City's leak detection crews to monitor older water mains and connections and to record all water leaks so water mains with excessive leaks can be replaced. The leak detection program encompasses continuous monitor of the distribution system, especially in areas of heavy traffic, constant monitoring of storage tank levels, daily visual inspection, monitoring distribution pressure and flows, monitoring for illegal connections, water theft and to educate and inform water customers to report any and all leaks promptly. The City of La Marque has completed the Texas Water Development Board's Utility Profile form 1965-R and is included in the Water Conservation Plan. The City will utilize the information in the Utility Profile in the completion of their annual water audit.

In accordance with House Bill 3338, the City of La Marque will improve and refine their System Water Audit and Water Loss by utilizing information and assistance from the Texas Water Development Board (TWDB).



Water Conservation Plan

1. Monthly water pumpage records from the water well plants and monthly total water billing records will be compiled for each water service area. Wastewater flow records from the wastewater treatment plant will be maintained on a monthly basis.
2. Existing maintenance and repair records will be compiled and improved; this information may be used to track water loss from water leaks.
3. Comparisons of the pumpage versus billed water will be made to identify potential water loss or accountability.
4. Potential ideas for water reuse will be evaluated: The City does not have a golf course, but the wastewater treatment plant uses the plant effluent to operate the chlorinators and for plant washdown.

The City will provide a more detailed overall picture of water losses by using existing records, by improving overall accountability.

To track this BMP, the City will collect, assemble and maintain the following:

1. Prepare an annual audit reflecting percentage water losses and actions implemented to address data and recommendations generated by the annual audit.
2. Leak Detection - Work orders will be maintained, reflecting all leak repairs as to location, number of leaks repaired size of line and estimated water loss. The City of La Marque can take advantage of the TWDB's leak detection equipment and water conservation expertise.
3. Number of customer service line leaks, line size, estimated water loss, and actions taken to repair these leaks.
4. Additional revenue generated by initiating this BMP.

3.2 Metering (BMP)

The City of La Marque has a meter replacement program in place and in addition to the meter section, the City also employs the services of an outside meter contractor each year, or more often if necessary. The water meter contractor checks and calibrates the meter on the surface water distribution line and the meters on each well at the ground water plants. Meter calibration insures that the city will receive the maximum savings on treated surface water received from the Gulf Coast Water Authority and water pumped from the wells.

Note: All metering and meter calibrations are within an accuracy of plus or minus 5%.

The City's Metering Program consists of the following:

1. The City's meter readers are responsible for physically reading and inspecting all meters.
2. An effective monthly meter-reading program in which readings are estimated only in cases of an inoperable meter or other extenuating circumstances; broken or



Water Conservation Plan

inaccurate meters are given top priority and or repaired or replaced as soon as possible.

All meters are routinely replaced every ten (10) years or when they reach a reading of one million gallons.

3. Meter readers fill out work orders on meters that appear to have irregularities or broken or damaged.
4. The water accounting section flags water bills that appear to be too high or too low.
5. Construction meters are used to track water usage in the construction industry.
6. All City facilities are presently being metered.
7. Implementation of the State requirements in HB 2404, passed by the 77th State Legislature and implemented through the Texas Water Code 13.502, which requires all new townhouses and apartments be either directly metered by the utility or submetered by the owner.
8. An accounting of water savings and revenue gains through the implementation of the City's water meter repair and replacement procedures.

The City will ensure that the meter program is maintained through the regular review of metered data and revision of metering policies to ensure that the maximum amount of water consumption is accounted for.

To track the effectiveness of the Metering BMP the City will provide the following:

1. Number and size of water meters replaced on an annual basis
2. Number and size of water meter repaired annually
3. Number of meters tested and results of each
4. Estimate of water savings achieved through meter repair and replacement program
5. Number of work orders generated for meter repair/replacement.

Every year the City will estimate its annual water saving from the Meter BMP and from records generated by the water accounting section and meter replacement section. The City will look into the monitoring water accountability on a monthly basis and maintain a running 12-month average for water loss.

3.3 Water Conservation Pricing

This BMP is intended for all utilities wishing to send price signals to customers to encourage water conservation. Water conservation pricing discourages the inefficient use or waste of water. The goal of conservation pricing is to develop long run consumption patterns consistent with cost. The City will educate their customers on the type of rate structure that the utility uses and can be provided feedback through the water bill on their monthly water use.



Water Conservation Plan

The City has a water and sewer rate structure that includes a progressive scale for one thru four family Units and for increases in meter sizes up to six (6) inches, which provides for service and billing for water and wastewater service based on the actual metered water use. A copy of the latest water and sewer rates and related charges are attached as Appendix E. The rates include a consumption charge based on actual gallons metered so that increasing water consumption results in a larger bill for the customer.

The City raised water rates (effective) for fiscal year 2008-2009 and anticipates that conservation pricing will have the advantage of providing stronger feedback to the customers, who will see a larger percent increase in their water bill than the increase in water use. The rate structure is not presently shown on the customer's water bill, but the City will explore this option.

The increase in water rates has shown that conservation pricing has provided incentives to customers to reduce average and/or peak use.

The City will consider requiring new commercial and industrial customers to install separate irrigation meters, and the feasibility of retrofitting current commercial and industrial customers with irrigation meters.

The City will review the consumption patterns (including seasonal use) and its income and expense levels to determine if the conservation rates are effective and make appropriate, regular rate structure adjustments as needed.

To track this BMP, the City should maintain the following documentation:

1. A copy of the City's water and wastewater rates.
2. Customer numbers and water consumption by customer class at the beginning and end of the reporting period.
3. A copy of the education materials sent to residential, commercial and industrial customers for each calendar year, and provide water conservation literature and material to new customers when they apply for service.
4. A utility bill as stated above.
5. A utility bill reflecting water conservation information.

Elasticity studies have shown an average reduction in water use of 1 to 3 percent for every 10 percent increase in the average monthly water bill. In implementing a conservation pricing structure, consideration will be given to the factors that influence whether the new structure result in a reduction in water use. *The Water Price Elasticities for Single-Family Homes in Texas* study included several findings which suggest some water savings can be expected, as below:

1. Average price is better than marginal price in explaining the quantity of water demanded by customers.
2. Customers do not understand the link between water use and sewer billing and therefore do not tend to factor sewer prices into their water use decisions.



3. The study found that for a 10 percent increase in price there was a 2 percent reduction in water use.

3.4 Prohibition on Wasting Water

This BMP should be considered by utilities that have customers who continue to waste water despite the efforts of the utility to educate customers to reduce the waste of water. Water Waste Prohibition measures are enforceable actions and measures that prohibit specific wasteful activities. Under this BMP, the City has enforcement powers to prohibit wasteful activities including:

1. Failure to fix outside faucet leaks
2. Failure to repair service line leaks (customer's side)
3. Failure to repair personal water lines, faucets, water closets, and water heaters
4. Allowing sprinklers and water hoses to run excessive by allowing water to run down the street and gutters and to run during rainy conditions
5. Operate irrigation systems with missing heads and leaks
6. Leaks and water loss from car washes and commercial laundry systems

The BMP is implemented by the regular maintenance and operating personnel of the City and work orders are written on all leaks and repaired by work crews who are available on a twenty-four (24) hour basis.

To track this BMP the City will maintain the following documentation:

1. Copy of water waste prohibition ordinances enacted in the service area.
2. Copy of compliance or enforcement procedures implemented by the City.
3. Records of enforcement actions including public complaints of violations and utility response.
4. Records of all work orders
5. Record estimated water loss from each area.

Total water savings for this BMP can be estimated from each water-wasting measure eliminated through the actions taken under this BMP. There will be additional savings from the education of customers who may change some of their inefficient water usage practices. The City will explore other avenues and additional methods to improve this program.

3.5 Residential Toilet Replacement Program

This BMP is intended for a Municipal Water Utility that has at least twenty (20) percent of homes and apartment units in the service area constructed prior to 1995 and for which there has not



Water Conservation Plan

been an active retrofit program to replace high flush volume toilets with 1.6 gallons per flush (gpf) toilets.

State and Federal requirements prohibit installation of new toilets using more than 1.6 gpf or more in single-family and multi-family residences. The implementation of this BMP will consist of the following:

1. A retrofit mandate for all new structures and existing structures undergoing substantial modification or additions. The buyer and seller certify that the plumbing fixtures meet the efficiency standards of the most recent plumbing code.
2. The City's water & wastewater section has its own inspection section and can expand on the retrofit program.
3. A retrofit requirement and/or ordinance triggered when ownership of the property changes. The City will require all plumbing fixtures in the single-family or multi-family unit, leased property and rental property to meet current plumbing standards when new structures and existing structures undergo substantial modification or additions.
4. The City as time permits could set up a system to inspect all single-family and multi-family units and insure that all conform to the current plumbing codes.

The following proposed schedule will be implemented:

1. The Inspectors will prepare documentation on all inspections on all single-family residences and multi-family units that are rented, leased or if ownership of the property changes; the documentation will reflect the kind and number of units replaced, and installation completion date
2. A plan will be developed to educate homeowners, apartment owners and managers, plumbers, and realtors about this program
3. The City will strive to improve the implementation and expansion of the retrofit program.

To track this BMP, the City should gather the following:

1. The number of Ultra Low Flushing Toilet (ULFT) installations credited to the participant's replacement program, by year, including brand and model of toilets installed.
2. The average persons per household for single-family residences; the average person per household for multi-family units.
3. Description of ULFT replacement program.
4. Estimated water savings per ULFT replacement.

The City will continue to educate homeowners, multi-unit owners, managers, plumbers and realtors about this program and work toward developing a compliance program.



3.6 Public Information

A program for providing water conservation information to the public is an effective means of both promoting specific water conservation programs and practices and educating the public about the importance of using water efficiently.

Public information programs can result in both short and long-term water savings, though they may not be directly related to any equipment or operational change. Behavioral changes by customers will only occur if a reasonable yet compelling case can be presented with sufficient frequency to be recognized and absorbed by customers.

One of the goals is to educate customers of the overall picture of water resources in the community and how conservation is needed to meet the goals of managing and sustaining existing water supplies and to avoid or delay building new facilities. An equally important part of the program is to provide data and information on specific actions and measures the customers should take to implement these community goals. When customers know the results of their actions have made a difference, they are encouraged to continue participation in conservation efforts.

There are a variety of tools that can be effectively used to communicate water conservation by means of public education. These include use of print, radio, television, bill boards, board meetings, schools, direct distribution of materials and facility tours.

School Education will be addressed in the School Education Section.

The City of La Marque utilizes the following to inform the public the importance of water conservation and the value of water in sustaining and enhancing life:

1. 1. Public at Large — The City holds regular meetings of the City council every month, which are open to the public; anyone is free to speak to the council, and the council can inform the public about water conservation
2. Water conservation information is available at the Public Works Department and at City Hall.
3. Printed Brochures — Texas Water Development Board Water Conservation literature and pamphlets will be part of the basis for information to the public, as well as preprinted brochures available from the Water Wise Council of Texas; there are many publications, brochures, videos, DVDs, etc. already available on water conservation that can be used as published or modified to meet the goals of the utility, such as: "Water IQ, Know Your Water", the following brochures were developed by the Water Conservation Task Force: "Be Water Smart indoors", "Be Water Wise Outdoors" and "Top Water Smart Tips In and Around the Home". Other TWDB brochures are "Water Conserving Tips", "Conserving Water Outdoors", and "Conserving Water Indoors". The Water Lily Press, Inc. (Located in Spring, Texas) has a wide variety of brochures and material on water conservation.

Brochures also available are published by the Texas Water Wise Council, a public/private partnership that fosters awareness and implementation of sound water management. A few of the brochures that are available are: "Irrigation-Best



Water Conservation Plan

Management Practices", "Lawn Maintenance-Best Practice" and "Landscape-Best Management Practice".

4. The City will begin using inserts and messages with utility billing on a regular basis and can also publish water conservation messages in the local paper
5. The City will order Leak detection kits along with other information and make them available at City Hall.
6. Tours of the water utilities facilities are also available to the public.

The goal of the City, at a minimum, is to provide information to each customer at least annually, on each action that the utility would like the customer to take. To track the progress of this BMP, the City gathers the following data:

1. The number of brochures and information distributed to the public.
2. Number of dye kits distributed to the public.
3. Number of water bills with water conservation information included.
4. Number of public-school children who received information on water conservation.
5. Number of persons who toured the City's water and wastewater facilities.
6. The total population of the City for (2018) was 16,766 (per the City's logs).
7. Results of an annual or biannual customer survey.

Water savings due to public information efforts are difficult to quantify. Water savings for other public information programs that result in specific actions by customers such as changes in irrigation scheduling or reduction in water waste occurrences could also be quantified through surveys or analysis of water waste reporting.

3.7 School Education

Lessons learned by students about good water use habits are often shared with the whole family.

School education programs, which may not result in quantifiable water savings, will improve and enhance a utility's public image, increase customer good will, and increase the viability of its overall water conservation efforts. The message conveyed by students to their families based upon greater knowledge of water sources and conservation can result in behavioral changes resulting in both short and long-term water savings.

The water conservations kits that are available and could be furnished to students consists of: toilet leak detection tablets, showerhead and faucet aerators, water displacement bags and instructions on repairing toilet leaks and other common water leaks.



Water Conservation Plan

A study by the Harris Galveston Subsidence City found an average savings of 18 percent or 1,400 gallons per month in homes where parents of students had installed efficient showerheads and aerators on bathroom and kitchen sinks. The Harris-Galveston Subsidence City does not furnish water conservation material outside their jurisdiction.

The City will strive to improve their school education program by obtaining Water Conservation Education Literature from the Texas Water Development Board, such as their 6th grade curriculum called, "Raising Your Water IQ" as well as Water Conservation Lesson Plans.

The program will require utility staff oversight and outreach efforts to schools and students.

The City will track this BMP by:

1. Number of students participating in the water conservation plan.
2. Number of water conservation kits furnished to the classrooms
3. Number of presentations made during the year
4. Grade level and data the program expanded

A true cost-effectiveness analysis cannot be determined without a measure of water savings. The program conducted by the Harris Galveston Subsidence City found that 1,400 gallons per month was saved by installing water savings devices in the home.

3.8 Water Wise Landscape Design and Conservation Program

This BMP is intended for Utility customers who have high water use landscapes which consume more than twice as much water in the summer as in the winter. A Utility impacted by repeated drought may also consider this BMP as a means of reducing outdoor water demand overall in their service area as a step toward long-term change of water use patterns.

The City will realize a decrease in summertime water consumption, peak pumpage and overall use by the installation of water-wise landscapes at residential properties, City properties and subsequent education to ensure efficient irrigation of the new landscapes. Water-Wise landscaping involves not only plant selection, but continued attention to appropriate irrigation and landscape maintenance.

In addition, a public education and outreach program through water-wise brochures, local media, water bills, civic groups, garden clubs and nurseries will help create a program that will bring water-wise landscape design to residential and commercial customers.

The City will explore the feasibility of initiating a landscape program which would require the use of drought-tolerant and low-water use landscaping species on all new homes.

In the typical landscape, turf grass occupies the largest area and, when managed incorrectly, receives the largest amount of irrigation. Water savings can be achieved by installation of practical turf areas and irrigation of only the turf in high impact, highly visible areas of the landscape. Irrigated turf areas should be reduced or eliminated as part of the conservation program.



Water Conservation Plan

Water Wise Landscape programs follow the seven principles of Xeriscape from the Texas A&M Horticulture Department, which are: Planning and design, soil analysis and improvement, appropriate plant selection, practical turf areas, efficient irrigation, use of mulches and appropriated maintenance.

The implementation of this BMP involves continual public education campaigns, including public-private partnerships with gardening clubs, landscape designers and nurseries.

The City will try to establish and continue with an on-going public outreach and educational campaign and the following information would be provided:

1. Landscape Improvement – Best Management Practices; a brochure developed by the Water Wise Council of Texas covers soil improvement, mulch, maintenance, mowing and efficient irrigation.
2. Water IQ – Be Water-Wise Outdoors; a brochure available from the Texas Water Development Board that details Water-Wise Steps to Follow, Water-Wise Landscape Watering, Water-Wise Landscape Maintenance, Water-Wise Irrigation Equipment and Design A Water-Wise Landscape.
3. Xeriscape – Landscape with Less Water; a brochure that details the seven principles of Xeriscaping.
4. Outreach – Continue implementation and outreach program to the public, nurseries, realtors and landscape companies.
5. Rain Sensors – The City will explore the requirement of rain sensors on all automated irrigation systems and the potential to save water.
6. Evapotranspiration Controllers (ET's) – the City will explore the feasibility of requiring ET controllers on all new and reconditioned irrigation systems.

To track this BMP, the City will gather the following documentation:

1. Number of brochures, conservation devices, posters or displays distributed to the public
2. Number of dedicated irrigation meter accounts
3. Estimated water savings based on customer billing records
4. Customer water use records prior to and after conversion of the landscape; this data is best compared in years of similar rainfall and after the landscape has been installed a sufficient time to establish itself
5. Number of rain sensors and ET-controllers on automatic sprinkler systems and customer records prior to and after installation of such devices; this data is best compared in years of similar rainfall and after the landscape has been installed a sufficient time to establish itself



Water savings will be determined from analysis of actual customer-metered water use before and after landscape conversion and after installation of rain sensors or ET controllers.

3.9 Park Conservation

This BMP is intended for all Utilities which manage parks or serve customers with parks which consume water. The visible use of water often comes under scrutiny by the public and water utility staff because of large water demand to maintain a park and because of the perception that the water use may be excessive.

The City has two public parks, and six athletic fields that require water. The public parks and athletic fields are metered.

The City of La Marque does not have any public swimming pools or public water fountains.

Park irrigation conservation practices, as well as the careful use of water in operation and maintenance of park facilities, can effectively reduce water demands. Under this BMP the City will require the management of the Parks to comply with the water conservation programs on Prohibition of Wasting Water and Water-Wise Landscape Design.

Under the plan, the Park Supervisor will implement a watering regiment that uses only the amounts of water necessary to maintain the viability of turf and landscape material appropriate for the use of the park. Water should only be applied to areas that are essential to the use of the park.

Conservation of water for the Parks will be achieved through BMPs on Prohibition of Wasting Water, Water-Wise Landscape Design and System Water Audit and Loss Program.

As a minimum, compliance with this BMP will require the replacement of all manually controlled or quick couple irrigation systems with automatic irrigation systems and controllers.

Water wasting practices during ball field irrigation will be eliminated, including water running in gutters, irrigation heads or sprinkler spraying directly on paved surfaces, operation of automatic irrigation systems without a functioning rain shut-off device, operation of an irrigation system with missing or broken heads and irrigation during summer months should be restricted to special times.

To accomplish this BMP, the City will:

1. Ensure that the landscapes of all park properties are planted and irrigated in compliance with Water Wise Landscape Design requirements.
2. Offer training for park irrigation management and as part of this training should include workshops on pesticides, soil and nutrient management for optimal water use efficiency.
3. The water usage for the parks is metered and included in the system audit and loss program.

To track the progress of this BMP, the City will gather the following documentation:

1. Metered water readings before and after any changes are implemented.
2. Changes to irrigation systems, retrofits, or upgrades, regular leak detections and maintenance policies, and estimated water savings from conservation practices.
3. Cost of repairs equipment upgrades, or new equipment installed.



Estimating total water savings for this BMP may be difficult; however, water savings can be estimated from each water-wasting measure eliminated through the actions taken under this BMP

Swimming Pool Facilities:

The City of La Marque does not have any public swimming pools but when a public pool is added they will employ water conservation measures.

3.10 Reuse of Reclaimed Water

The direct use of reclaimed water is an effective method of reducing potable water usage. Reclaimed water is defined in the Texas Administrative Code (TAC) as “domestic or municipal wastewater which has been treated to a quality suitable for a beneficial use, pursuant to the provisions of this chapter and other applicable rules and permits.” Direct use of reclaimed water is appropriated for a number of domestic, industrial and irrigation needs where the potential for human contact is limited.

Direct use of reclaimed water is regulated by the Texas Commission on Environmental Quality (TCEQ) and Safe Drinking Water Act Standards. Included in these rules are provisions that require permission from that agency before providing reclaimed water for beneficial use and design guidelines for reclaimed water systems.

Implementation consists of the following:

1. The City is presently using approximately 60,000 gallons per month of the wastewater effluent to operate the wastewater plant chlorination equipment and for plant washdown.
2. The City does not have the industrial or commercial customer base to consider the expense of installing a separate water reuse water system; however, the City shall evaluate the potential of recycling and reuse of processed wastewater for other uses in other City facilities. The City will also explore the long-range possibilities of additional water reuse as the costs and demand for potable water continues to increase.

Documentation:

1. The wastewater treatment plant is a 2.0 mgd activated sludge process plant operated in the extended aeration mode. Treatment units include a lift station, bar screens, gravity thickener, two digester's, clarifier, belt press, chlorine contact chamber and a dechlorination chamber.
2. The wastewater effluent is being used in the operation of the chlorination equipment and for plant washdown. The City will maintain monthly records of treated effluent used and/or recycled. Approximately 60,000 gallons of plant effluent is used each month.
3. Number of gallons or acre-feet of previous potable water use replaced by reuse water since the implementation of the BMP.



Determination of Water Savings:

Water savings are estimated at up to 100 percent of total amount of potable water replaced by reclaimed water. Changes in operating parameters or water balance calculations which depend upon water quality parameters, such as the impact of total dissolved solids (TDS) in irrigation water require different quantities of reused water to be applied for same-end uses.

3.11 Coordination with Regional Water Planning Group

The service area of the City of La Marque is located within the Houston Region (H), and the City has provided a copy of this Plan to the Houston Region (H), Regional Water Planning Group, which is headed by Mr. Mark Evans, with the North Harris County Regional Water Authority. Mr. Evans may be contacted at (281) 440-3924.

UTILITY PROFILE

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

Fill out this form as completely as possible.
If a field does not apply to your entity, leave it blank.

CONTACT INFORMATION

Name of Utility: City of La Marque

Public Water Supply Identification Number (PWS ID): TX084006

Certificate of Convenience and Necessity (CCN) Number: CN600593412

Surface Water Right ID Number: _____

Wastewater ID Number: WQ0010410003

Completed By: Chaise Cary Title: Interim Public Works Director

Address: 1111 Bayou Road City: La Marque Zip Code: 77568

Email: c.cary@cityoflamarque.org Telephone Number: (409) 938-9283

Date: 04/02/19

Regional Water Planning Group: H [Map](#)

Groundwater Conservation District: HGSD [Map](#)

Check all that apply:

- ☐ Received financial assistance of \$500,000 or more from TWDB
- ☒ Have 3,300 or more retail connections
- ☐ Have a surface water right with TCEQ

Section I: Utility Data

A. Population and Service Area Data

1. Current service area size in square miles: 14
(Attach or email a copy of the service area map.)
2. Provide historical service area population for the previous five years, starting with the most current year.

Year	Historical Population Served By Retail Water Service	Historical Population Served By Wholesale Water Service	Historical Population Served By Wastewater Service
2014	15,463		15,463
2015	15,801		15,801
2016	16,393		16,393
2017	16,766		16,766
2018	16,766		16,766

3. Provide the projected service area population for the following decades.

Year	Projected Population Served By Retail Water Service	Projected Population Served By Wholesale Water Service	Projected Population Served By Wastewater Service
2020	18,443		18,443
2030	20,287		20,287
2040	22,316		22,316
2050	24,548		24,548
2060	27,003		27,003

4. Describe the source(s)/method(s) for estimating current and projected populations.

Current population information was pulled from U.S. Department of Commerce Census web site.

The beginning Projected Population starting at 2020 was estimated from platted land with development and available water for growth up to this time. The remaining years was estimated at static population growth of 10% of population per ten years.



B. System Input

Provide system input data for the previous five years.

Total System Input = Self-supplied + Imported – Exported

Year	Self-supplied Water in Gallons	Purchased/Imported Water in Gallons	Exported Water in Gallons	Total System Input	Total GPCD
2014	45,150,000	892,392,000		937,542,000	166
2015	47,430,000	926,138,000		973,568,000	169
2016	72,982,000	972,248,000		1,045,230,000	175
2017	74,278,000	933,872,000		1,008,150,000	165
2018	61,509,000	925,209,000		986,718,000	161
Historic 5-year Average	60,269,800	929,971,800	0	990,241,600	167

C. Water Supply System (Attach description of water system)

- Designed daily capacity of system 5,000,000 gallons per day.
- Storage Capacity:
Elevated 1,200,000 gallons
Ground 1,500,000 gallons
- List all current water supply sources in gallons.

Water Supply Source	Source Type*	Total Gallons
Magnolia	Ground	1,152,000
Kirby	Ground	1,008,000
FM 1764	Surface	1,728,000
Gulf Coast Water Authority	Surface	2,400,000
	Choose One	
	Choose One	

*Select one of the following source types: *Surface water, Groundwater, or Contract*

- If surface water is a source type, do you recycle backwash to the head of the plant?
☐ Yes _____ estimated gallons per day
☒ No

D. Projected Demands

1. Estimate the water supply requirements for the next ten years using population trends, historical water use, economic growth, etc.

Year	Population	Water Demands (gallons)
2019	16,766	1,001,518,770
2020	17,017	1,016,541,552
2021	17,272	1,031,789,675
2022	17,531	1,047,266,520
2023	17,794	1,062,975,518
2024	18,061	1,078,920,151
2025	18,332	1,095,103,953
2026	18,607	1,111,530,512
2027	18,886	1,128,203,470
2028	19,169	1,145,126,522

2. Describe sources of data and how projected water demands were determined. Attach additional sheets if necessary.

Population:
 Projecting a 15% increase for the next decade based on historical population from U.S Department of Commerce Census web site. From 2009 - 2018 La Marque's population increased by 15%

Water demands were based 2018 Total System Input with a 1.5% increase for water demands annually.

E. High Volume Customers

1. List the annual water use, in gallons, for the five highest volume **RETAIL customers**. Select one of the following water use categories to describe the customer; choose Residential, Industrial, Commercial, Institutional, or Agricultural.

Retail Customer	Water Use Category*	Annual Water Use	Treated or Raw
Bayou Pines	Commercial	6,546,000	Treated
TCISD High School	Commercial	4,633,000	Treated
Horizon Meadows	Residential	4,059,000	Treated
Kenny Group LLC	Residential	3,488,000	Treated
Delaney Cove C/N Irrigation	Residential	2,589,000	Treated

*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use.](#)

2. If applicable, list the annual water use for the five highest volume **WHOLESALE customers**. Select one of the following water use categories to describe the customer; choose Municipal, Industrial, Commercial, Institutional, or Agricultural.

Wholesale Customer	Water Use Category*	Annual Water Use	Treated or Raw
N/A	Choose One		Choose One
	Choose One		Choose One
	Choose One		Choose One
	Choose One		Choose One
	Choose One		Choose One

*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use.](#)

F. Utility Data Comment Section

Provide additional comments about utility data below.

Data above based on time frame of January - December 2018.

Section II: System Data

A. Retail Connections

- List the active retail connections by major water use category.

Water Use Category*	Active Retail Connections			
	Metered	Unmetered	Total Connections	Percent of Total Connections
Residential – Single Family	6,314		6,314	93%
Residential – Multi-family (units)	53		53	1%
Industrial			0	0%
Commercial	428		428	6%
Institutional			0	0%
Agricultural			0	0%
TOTAL	6,795	0	6,795	

*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use.](#)

- List the net number of new retail connections by water use category for the previous five years.

Water Use Category*	Net Number of New Retail Connections				
	2014	2015	2016	2017	2018
Residential – Single Family	49	219	171	93	271
Residential – Multi-family (units)		1			2
Industrial					
Commercial	3	2	5	19	10
Institutional					
Agricultural					
TOTAL	52	222	176	112	283

*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use.](#)

B. Accounting Data

For the previous five years, enter the number of gallons of RETAIL water provided in each major water use category.

Water Use Category*	Total Gallons of Retail Water				
	2014	2015	2016	2017	2018
Residential - Single Family	539,618,947	572,277,600	602,803,549	601,011,205	639,255,999
Residential – Multi-family	28,592,008	24,172,000	22,198,000	22,014,000	22,010,000
Industrial					
Commercial	134,623,415	142,044,000	757,880,600	131,439,195	147,786,000
Institutional					
Agricultural					
TOTAL	702,834,370	738,493,600	1,382,882,149	754,464,400	809,051,999

*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use](#).

C. Residential Water Use

For the previous five years, enter the residential GPCD for single family and multi-family units.

Water Use Category*	Residential GPCD				
	2014	2015	2016	2017	2018
Residential - Single Family	89	94	102	174	22
Residential – Multi-family	271	905	377	327	383

D. Annual and Seasonal Water Use

- For the previous five years, enter the gallons of treated water provided to RETAIL customers.

Month	Total Gallons of Treated Retail Water				
	2014	2015	2016	2017	2018
January	78,563,000	79,533,000	82,352,000	86,102,000	85,808,000
February	67,977,000	59,693,000	70,541,000	74,783,000	53,062,000
March	76,924,000	69,107,000	80,039,000	78,091,000	66,372,000
April	72,803,000	68,861,000	79,145,000	66,272,000	63,558,000
May	82,200,000	77,114,000	86,851,000	71,856,000	85,283,000
June	80,393,000	68,380,000	79,393,000	83,282,000	90,914,000
July	80,052,000	80,306,000	89,619,000	71,961,000	78,854,000
August	78,313,000	103,262,000	84,004,000	85,109,000	86,316,000
September	65,092,000	86,069,000	74,705,000	85,019,000	79,874,000
October	69,229,000	87,195,000	86,688,000	68,369,000	78,930,000
November	74,291,000	71,303,000	80,485,000	77,959,000	75,999,000
December	66,555,000	75,315,000	78,446,000	85,069,000	80,239,000
TOTAL	892,392,000	926,138,000	972,268,000	933,872,000	925,209,000

2. For the previous five years, enter the gallons of raw water provided to RETAIL customers.

Month	Total Gallons of Raw Retail Water				
	2014	2015	2016	2017	2018
January	0	0	0	0	0
February	0	0	0	0	0
March	0	0	0	0	0
April	0	0	0	0	0
May	0	0	0	0	0
June	0	0	0	0	0
July	0	0	0	0	0
August	0	0	0	0	0
September	0	0	0	0	0
October	0	0	0	0	0
November	0	0	0	0	0
December	0	0	0	0	0
TOTAL	0	0	0	0	0

3. Summary of seasonal and annual water use.

Water Use	Seasonal and Annual Water Use					Average in Gallons
	2014	2015	2016	2017	2018	
Summer Retail (Treated + Raw)	238,758,000	251,948,000	253,016,000	240,352,000	256,084,000	248,031,600 5yr Average
TOTAL Retail (Treated + Raw)	892,392,000	926,138,000	972,268,000	933,872,000	925,209,000	929,975,800 5yr Average

E. Water Loss

Provide Water Loss data for the previous five years.

Water Loss GPCD = [Total Water Loss in Gallons ÷ Permanent Population Served] ÷ 365

Water Loss Percentage = [Total Water Loss ÷ Total System Input] x 100

Year	Total Water Loss in Gallons	Water Loss in GPCD	Water Loss as a Percentage
2014	189,557,630	34	20%
2015	187,677,400	33	19%
2016	0	0	0%
2017	179,407,600	29	18%
2018	116,157,001	19	12%
5-year average	134,559,926	23	14%

F. Peak Water Use

Provide the Average Daily Water Use and Peak Day Water Use for the previous five years.

Year	Average Daily Use (gal)	Peak Day Use (gal)	Ratio (peak/avg)
2014	2,444,910	2,595,196	1.06
2015	2,537,364	2,738,565	1.08
2016	2,663,693	2,749,957	1.03
2017	2,558,553	2,612,522	1.02
2018	2,534,819	2,783,522	1.10

G. Summary of Historic Water Use

Water Use Category	Historic 5-year Average	Percent of Connections	Percent of Water Use
Residential SF	590,993,460	93%	0%
Residential MF	23,797,202	1%	0%
Industrial	0	0%	0%
Commercial	262,754,642	6%	0%
Institutional	0	0%	0%
Agricultural	0	0%	0%

H. System Data Comment Section

Provide additional comments about system data below.

Section III: Wastewater System Data

If you do not provide wastewater system services then you have completed the Utility Profile. Save and Print this form to submit with your Plan. Continue with the [Water Conservation Plan Checklist](#) to complete your Water Conservation Plan.

A. Wastewater System Data (Attach a description of your wastewater system.)

- Design capacity of wastewater treatment plant(s): 3,000,000
gallons per day.
- List the active wastewater connections by major water use category.

Water Use Category*	Active Wastewater Connections			
	Metered	Unmetered	Total Connections	Percent of Total Connections
Municipal	6,367		6,367	94%
Industrial			0	0%
Commercial	428		428	6%
Institutional			0	0%
Agricultural			0	0%
TOTAL	6,795	0	6,795	

- What percent of water is serviced by the wastewater system? 100%
- For the previous five years, enter the number of gallons of wastewater that was treated by the utility.

Month	Total Gallons of Treated Wastewater				
	2014	2015	2016	2017	2018
January	33,366,000	73,015,000	72,568,000	83,774,000	97,321,000
February	36,447,000	41,108,000	50,289,000	87,187,000	92,268,000
March	44,849,000	99,217,000	66,241,000	80,461,000	64,587,000
April	33,162,000	106,074,000	93,612,000	62,538,000	57,009,000
May	45,566,000	91,658,000	81,807,000	57,415,000	46,381,000
June	43,693,000	74,785,000	93,808,000	92,943,000	52,415,000
July	41,194,000	41,561,000	55,045,000	68,710,000	60,182,000
August	35,955,000	68,381,000	99,368,000	106,255,000	50,670,000
September	51,181,000	107,361,000	73,401,000	51,387,000	152,571,000
October	39,362,000	83,157,000	44,331,000	44,581,000	94,604,000
November	44,050,000	82,319,000	42,300,000	37,437,000	88,073,000
December	52,451,000	74,478,000	96,075,000	95,436,000	89,808,000
TOTAL	501,276,000	943,114,000	868,845,000	868,124,000	945,889,000

4. Can treated wastewater be substituted for potable water?

☐

Yes

☒

No

B. Reuse Data

1. Provide data on the types of recycling and reuse activities implemented during the current reporting period.

Type of Reuse	Total Annual Volume (in gallons)
On-site irrigation	
Plant wash down	7,000,000
Chlorination/de-chlorination	82,000,000
Industrial	
Landscape irrigation (parks, golf courses)	
Agricultural	
Discharge to surface water	
Evaporation pond	
Other	
TOTAL	89,000,000

C. Wastewater System Data Comment

Provide additional comments about wastewater system data below.

You have completed the Utility Profile. Save and Print this form to submit with your Plan. Continue with the [Water Conservation Plan Checklist](#) to complete your Water Conservation Plan.

APPENDIX A

Definitions of Utility Profile Terms

Appendix A

Definitions of Utility Profile Terms

1. **Residential** sales should include water sold to residential (Single and Multi-Family) class customers only.
Industrial sales should include water sold to manufacturing and other heavy industry.
Commercial sales should include water sold to all retail businesses, offices, hospitals, etc. **Wholesale** sales should include water sold to another utility for a resale to the public for human consumption.
2. **Water Loss** is the difference between water a utility purchases or produces and the amount of water that it can account for in sales and other known uses for a given period. Water loss can result from:
 1. inaccurate or incomplete record keeping;
 2. meter error;
 3. unmetered uses such as firefighting, line flushing, and water for public buildings and water treatment plants;
 4. leaks; and
 5. water theft and unauthorized use.
3. The **peak-day to average-day ratio** is calculated by dividing the maximum daily pumpage (in million gallons per day) by the average daily pumpage. Average daily pumpage is the total pumpage for the year (as reported in Section IIA1, p. 4) divided by 365 and expressed in million gallons per day.
4. **Total use in gallons per capita per day** is defined as total average daily amount of water diverted or pumped for "treatment for potable use by a public water supply system. The calculation is made by dividing the water diverted or pumped for treatment for potable use by population served then divide by 365. Indirect reuse volumes shall be credited against total diversion volumes for the purpose of calculation gallons per capita per day for targets and goals developed for the water conservation plan. Total water use is calculated by subtracting the wholesale sales from the total water diverted or treated (as reported in Section IIA1).
5. **Seasonal water use** is the difference between base (winter) daily per capita use and summer daily per capita use. To calculate **the base daily per capita use**, average the monthly diversions for December, January, and February, and divide this average by 30. Then divide this figure by the population. To calculate the **summer daily per capita use**, use the months of June, July, and August.

APPENDIX B

Definitions of Commonly Used Terms

Appendix B

Definitions of Commonly Used Terms

Conservation – Those practices, techniques, mad technologies that reduce the consumption of water, reduce the loss or waste of water, improve the efficiency in the use of water, or increase the recycling and reuse of water so that a water supply is made available for future or alternative uses.

Industrial use – The use of water in processes designed to convert materials of a lower order of value into forms having greater usability and commercial value, commercial fish production, and the development of power by means other than hydroelectric but does not include agricultural use.

Irrigation – The agricultural use of water for the irrigation of crops, trees, and pastureland including, but not limited to, golf courses and parks which do not receive water through a municipal distribution system.

Municipal per capita water use – The sum of water diverted into a water supply system for residential, commercial, and public and institutional uses divided by actual population served.

Municipal use – The use of potable water within or outside a municipality and its environs whether supplied by a person, privately owned utility, political subdivision, or other entity as well as the use of sewage effluent for certain purposes, including the use of treated water fur domestic purposes, fighting fires, sprinkling streets, flushing sewers and drains, watering parks and parkways, and recreational purposes, including public and private swimming pools, the use of potable water in industrial and commercial enterprises supplied by a municipal distribution system without special construction to meet its demands, and for the watering of lawns and family gardens.

Municipal use in gallons per capita per day – The total average daily amount of water diverted or pumped for treatment for potable use by a public water supply system. The calculation is made by dividing the water diverted or pumped for treatment for potable use by population served. Indirect reuse volumes shall be credited against total diversion volumes for the purpose of calculating gallons per capita per day for targets and goals.

Pollution – The alteration of the physical, thermal, chemical, or biological quality of, or the contamination of, any water in the state that renders the water harmful, detrimental, or injurious to humans, animal life, vegetation, or property, or to the public health, safety, or welfare, or impairs the usefulness or the public enjoyment of the water for any lawful or reasonable purpose.

Public water supplier – An individual or entity that supplies water to the public for human consumption.

Regional water planning group – A group established by the Texas Water Development Board to prepare a regional water plan under Texas Water Code, §16.053.

Retail public water supplier – An individual or entity that for compensation supplies water to the public for human consumption. The term does not include an individual or entity that supplies water to the public for human consumption. The term does not include an individual or

entity that supplies water to itself or its employees or tenants when that water is not resold to or used by others.

Reuse – The authorized use for one or more beneficial purposes of use of water that remains unconsumed after the water is used for the original purpose of use and before that water is either disposed of or discharged or otherwise allowed to flow into a watercourse, lake, or other body of state-owned water.

Water conservation plan – A strategy, or combination of strategies, for reducing the volume of water withdrawn from a water supply source, for reducing the loss or waste of water, for maintaining or improving the efficiency in the use of water, for increasing the recycling and reuse of water, and for preventing the pollution of water. A water conservation plan may be a separate document identified as such or may be contained within another water management document(s).

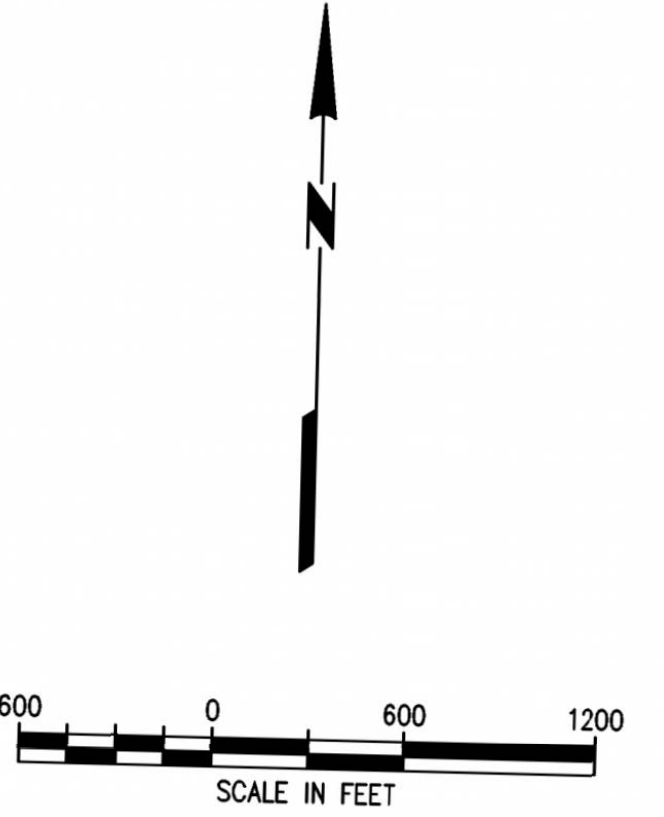
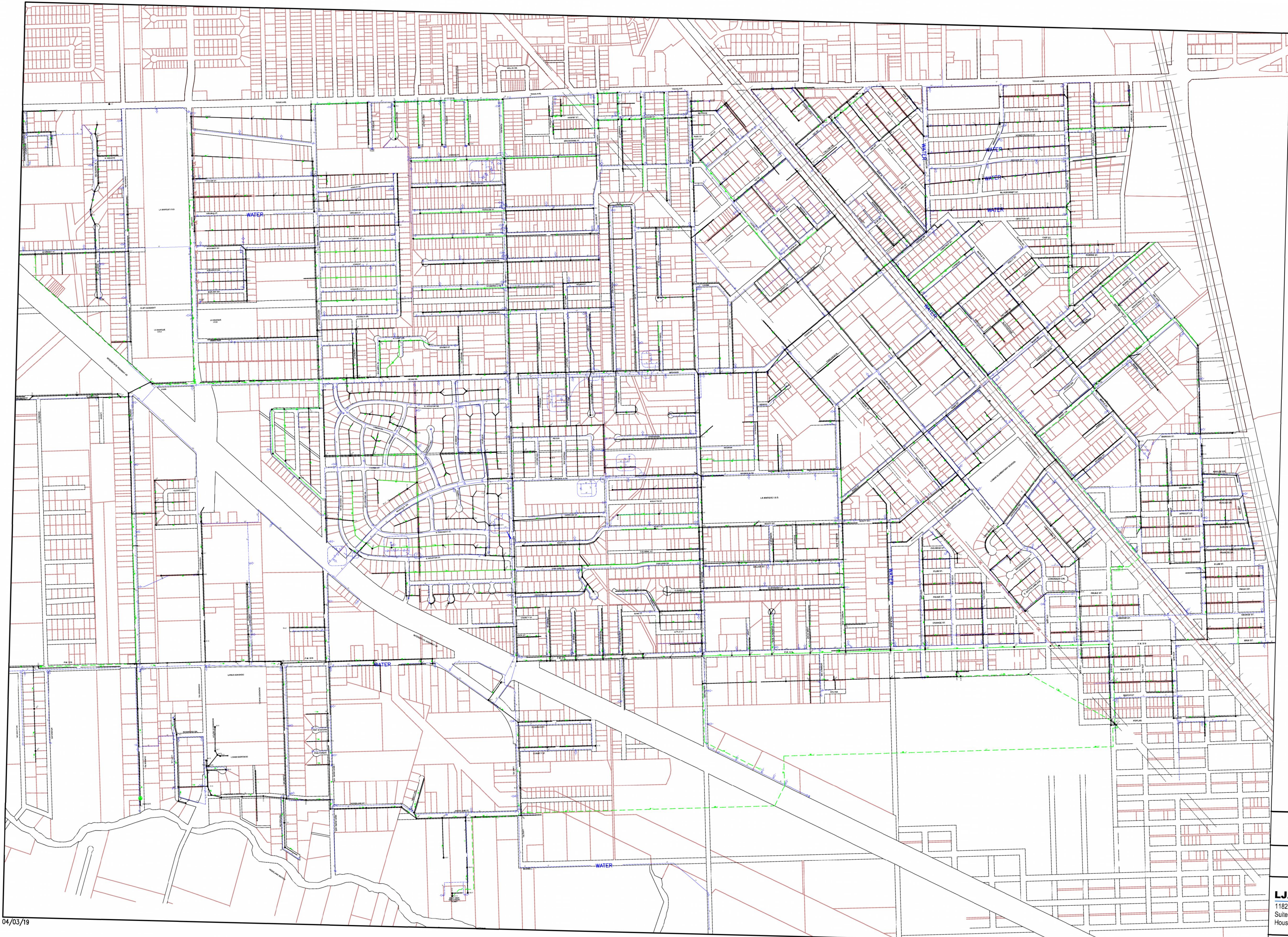
Water loss – The difference between water diverted or treated and water delivered (sold). Water loss can result from:

1. inaccurate or incomplete record keeping;
2. meter error;
3. unmetered uses such as fire fighting, line flushing, and water for public buildings and water treatment plants;
4. leaks; and
5. water theft and unauthorized use.

Wholesale public water supplier – An individual or entity that for compensation supplies water to another for resale to the public for human consumption. The term does not include an individual or entity that supplies water to itself or its employees or tenants as an incident of that employee service or tenancy when that water is not resold to or used by others, or an individual or entity that conveys water to another individual or entity, but does not own the right to the water which is conveyed, whether or not for a delivery fee.

APPENDIX C

Water System Map



CITY OF LA MARQUE

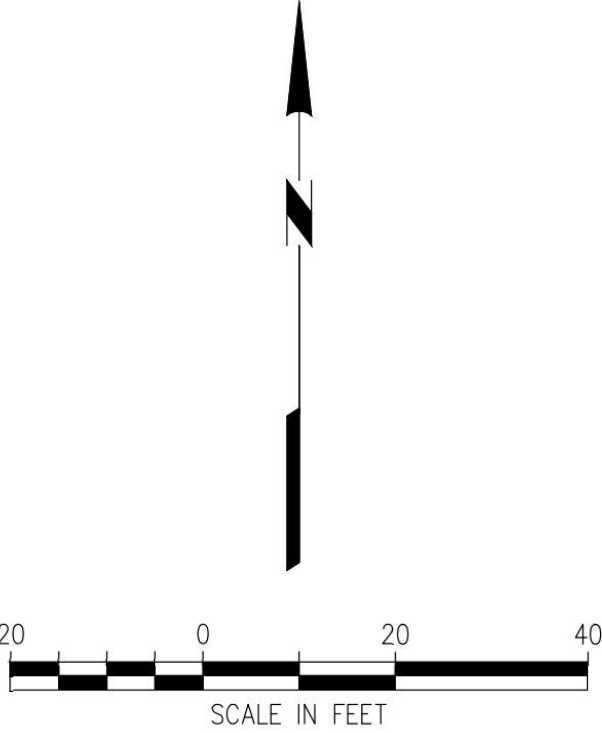
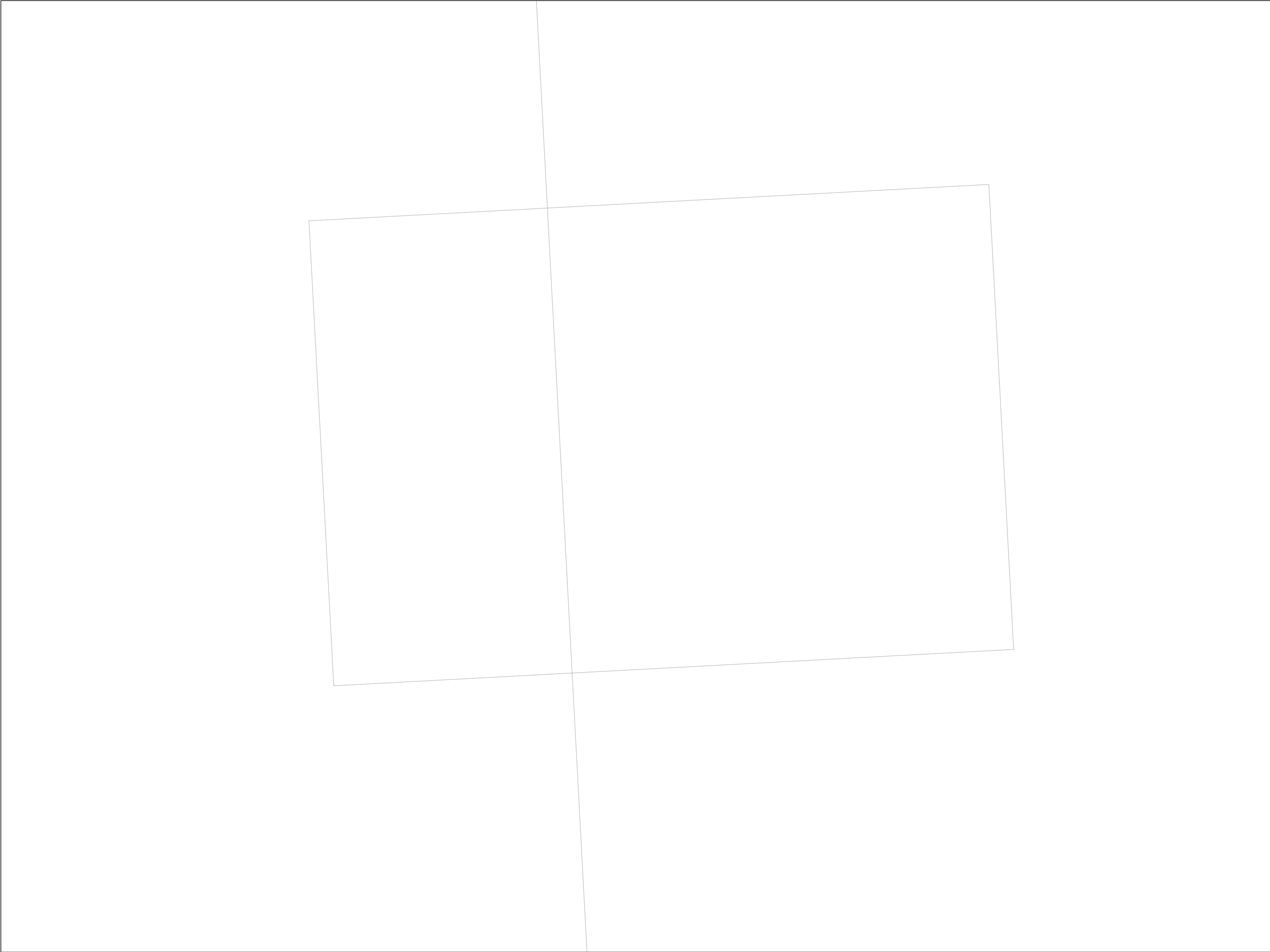
**WATER & SEWER
LAYOUT**

LJA Engineering, Inc.
11821 East Freeway
Suite 360
Houston, Texas 77029
Phone 713.450.1300
Fax 713.450.1385
FRN - F-1386

SCALE: AS SHOWN JOB No. E019-0001 EXHIBIT No. 01

APPENDIX D

Sketch of Wastewater Plant and Discharge



CITY OF LA MARQUE

WWTP PLAN LAYOUT

LJA Engineering, Inc.
11821 East Freeway Suite 360 Houston, Texas 77029
Phone 713.450.1300

SCALE: AS SHOWN JOB No. E019-0000 EXHIBIT No. 01

APPENDIX E

Water Rates and Contract

ORDINANCE NUMBER 1008

AN ORDINANCE AMENDING APPENDIX A, SCHEDULE OF FEES AND CHARGES OF THE CODE OF ORDINANCES, CITY OF LA MARQUE, TEXAS BY AMENDING PRESCRIBED WATER AND SEWER CHARGES

NOW, THEREFORE BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LA MARQUE, TEXAS:

Section 1. That Appendix A, Schedule of Fees and Charges, Water and Sewer Charges, of the La Marque Code of Ordinances is hereby amended to read as follows:

APPENDIX A: SCHEDULE OF FEES AND CHARGES

Water and Sewer Charges

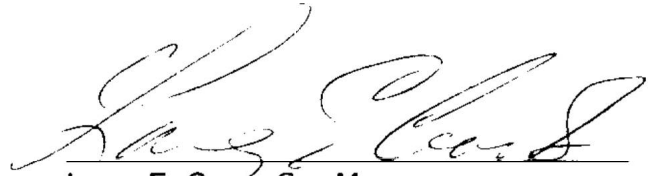
- (a) **Water rates:** All residential and commercial customer, including single-family units, which shall include each mobile home whether located in a mobile home park or not and each unit of a duplex, triplex and apartments shall pay the following water rates per family unit:
- (1) First 1,000 gallons or less, \$7.75 (minimum)
 - (2) All over 1,000 gallons, \$7.75 plus \$3.30/1,000 gallons in excess of 1,000 gallons
- (b) **Sewer rates:** The minimum charge for each single-family, multiple unit or commercial customer shall be \$17.15 per month, except that, for a single family residence where the head of the household is a person of 65 years of age or over shall be \$16.15 per month which charge shall provide for and be applied to payment of the bond, contract bond debt and other fixed operating costs of the city sewer system. All multiple unit customers such as apartments, mobile home parks, duplexes, etc., shall be charged the minimum charge of \$17.15 per month for each unit located in such apartment, mobile home park, or duplex so that by example, if such apartment building contains ten apartments, the minimum monthly charge shall be \$171.50.

In addition to the minimum monthly charge set out above, all sewer customers shall pay \$2.90 for each 1,000 gallons of water consumed in excess of 1,000 gallons for operation, maintenance and repair of the city sewer system; except residential and senior citizen accounts shall only pay for consumption up to 15,000 gallons.

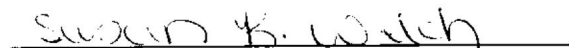
Section 2. Effective Date: The effective date shall coincide with the first utility billing after October 1, 2008.

PASSED AND APPROVED on the first reading this the 25th day of August, 2008.

PASSED AND ADOPTED on the second and final reading this the 8th day of September, 2008.

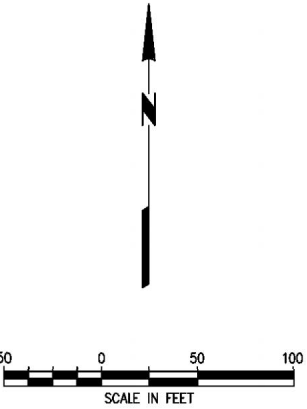

Larry E. Crow, Sr., Mayor

ATTEST:

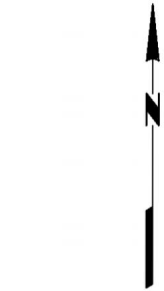
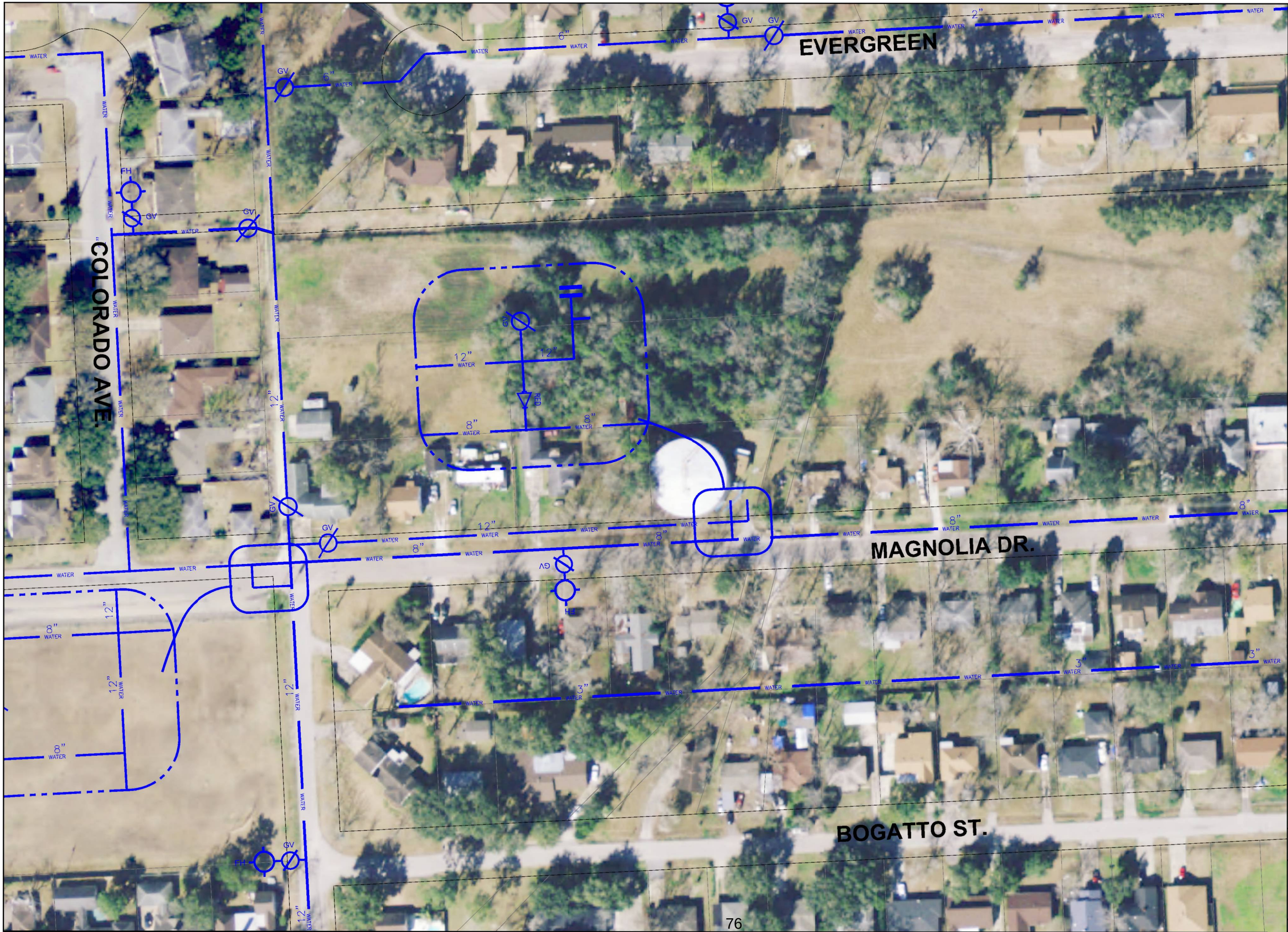

Susan K. Welch, City Clerk

APPENDIX F

Map of Water Plants



CITY OF LA MARQUE		
KIRBY WATER PLANT LOCATION		
LJA Engineering, Inc. 1182 East Freeway Suite 360 Houston, Texas 77029 Phone 7-3-450-1300 Fax 7-3-450-1385 FRN - F-1386		
SCALE: AS SHOWN	JOB No. E019-0000	EXHIBIT No. 01

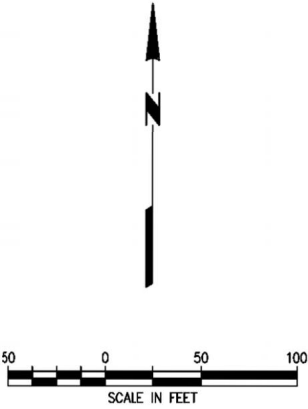
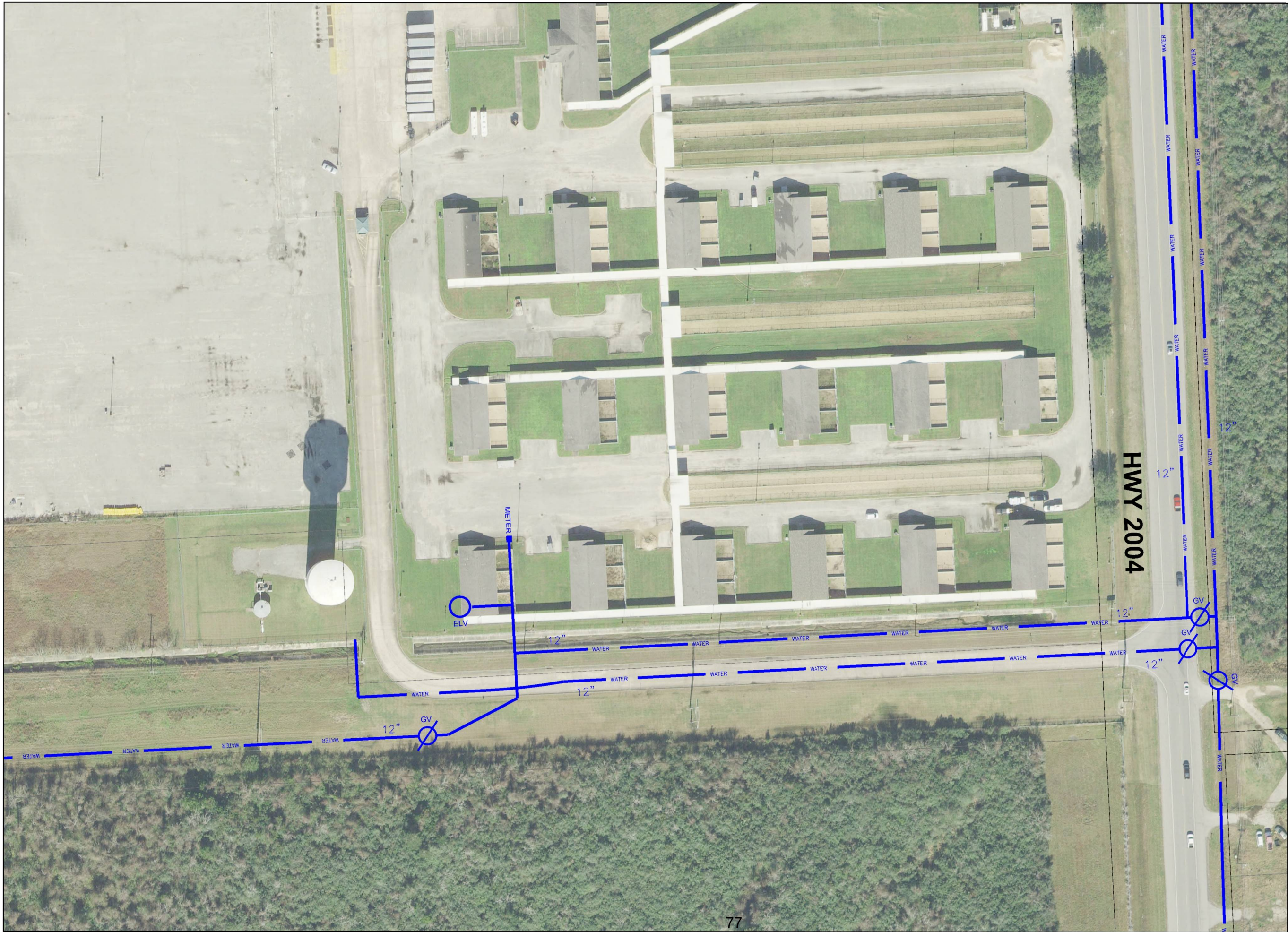


CITY OF LA MARQUE

MAGNOLIA WATER PLANT
LOCATION

LJA Engineering, Inc.
1182 East Freeway
Suite 360
Houston, Texas 77029
Phone 7: 3.450.1300
Fax 7: 3.450.1385
FRN - F-1386

SCALE: AS SHOWN JOB No. E019-0000 EXHIBIT No. 01



CITY OF LA MARQUE
DOG PARK WATER PLANT
LOCATION

LJA Engineering, Inc.
1182 East Freeway
Suite 360
Houston, Texas 77029
Phone 713.450.1300
Fax 713.450.1385
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SCALE: AS SHOWN JOB No. E019-0000 EXHIBIT No. 01

APPENDIX G

Resolution for Adoption of a Water Conservation Plan

A RESOLUTION OF THE BOARD OF DIRECTORS OF
CITY OF LA MARQUE ADOPTING A WATER
CONSERVATION PLAN

WHEREAS, the Council Members (the "Council") recognizes that the amount of water available to City of La Marque (the "City") and its water utility customers is limited and subject to depletion during periods of extended drought;

WHEREAS, the Council recognizes that natural limitations due to drought conditions and other acts of God cannot guarantee an uninterrupted water supply for all purposes;

WHEREAS, Section 11.1272 of the Texas Water Code and applicable rules of the Texas Commission on Environmental Quality require all public water supply systems in Texas to prepare water conservation; and

WHEREAS, as authorized under law, and in the best interests of the customers of the City, the Council deems it expedient and necessary to amend and/or establish certain rules and policies for the orderly and efficient management of limited water supplies during drought and other water supply emergencies;

NOW THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF LA MARQUE:

SECTION 1. That the Water Conservation Plan is attached hereto as Exhibit "A" made a part hereof for all purposes, be, and the same is hereby, adopted as the official policy of the City.

SECTION 2. That the City Manager of the City is hereby directed to implement, administer, and enforce the Water Conservation Plan.

SECTION 3. That this resolution shall take effect immediately upon its passage.

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DULY PASSED BY THE COUNCIL OF THE CITY OF LA MARQUE, ON THIS
__ day of _____ 2019.

Bobby Hocking, Mayor

ATTEST:

City Clerk, Robin Eldridge

DROUGHT CONTINGENCY PLAN



APRIL 2019

LJA Project E019-0001

Prepared by:

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TABLE OF CONTENTS

INTRODUCTION.....	1
Section I. Description and Location	1
Section II. Population	1
Section III. Boundaries and Political Jurisdictions	1
Section IV. Water Source	1
Section V. Mission Statement.....	1
Section VI. Critical Customers.....	2
Section VII. Goal	2
DROUGHT CONTINGENCY PLAN.....	3
Section I. Declaration of Policy, Purpose, and Intent.....	3
Section II. Public Involvement	3
Section III. Public Education	3
Section IV. Coordination with Regional Water Planning Groups	3
Section V. Authorization.....	4
Section VI. Application.....	4
Section VII. Definitions.....	4
Section VIII. Criteria for Initiation and Termination of Drought Response Stages.....	6
Section IX. Drought Response Stages.....	8
Section X. Enforcement	17
Section XI. Variances.....	18
EXHIBIT A City Ordinance for Adoption of a Drought Contingency	



INTRODUCTION

Section I. Description and Location

The City of La Marque is an incorporated City approximately 38 miles southeast of downtown Houston. La Marque contains about thirteen and one-quarter square miles of property within central Galveston County. The City lies on the mainland portion of Galveston County and is bounded on the north and east by the City of Texas City, on the west by the City of Santa Fe, and on the south by the City of Hitchcock and an unincorporated section of Galveston County.

The City of La Marque is primarily a residential community with few commercial and industrial customers.

Section II. Population

The 2018 population estimate is 15,912 (based on information from the United States Census Bureau).

Section III. Boundaries and Political Jurisdictions

The City of La Marque is located in northwestern Galveston County approximately thirty-eight (38) miles southeast of downtown Houston. The City is bounded on Interstate Highway 45, State Highway 3, and Farm roads 519, 1765, and 2004.

Section IV. Water Source

The City of La Marque's potable water is supplied from two sources. The first is the surface water supply purchased and furnished by the Gulf Coast Water Authority's (G.C.W.A.) surface water treatment plant located in Texas City, Texas. The surface water source provides the City with 95% of their potable water, and the other source is from ground water (well water) which provides the remaining 5%.

The City of La Marque also has two (2) water wells to provide potable water to its customers during high demand and emergency conditions. The well is capable of producing 1,225 gpm (1.764 MGD). The well water is obtained from the Gulf Coast Aquifer, and the wells are permitted by the Harris-Galveston Subsidence District.

Section V. Mission Statement

The primary mission of the Utility is as follows:

- Provide adequate water volume and pressure for firefighting
- Provide potable water for public consumption, public safety, and welfare
- Provide quality service



The intent of the City of La Marque's Drought Contingency Plan will be to reduce unnecessary consumption of water by implementing efficient water use practices in times needed. Currently, the City has no shortage of water; however, the City recognizes the benefits of having a plan should a drought occur.

Section VI. Critical Customers

The City has no dominant "critical" customers with the exception of the school system, day care facilities. There are no hospitals, nursing centers or major commercial or industrial installations. The City does not know of any customer who is water dependent for life support or medical reasons that live within the City.

Section VII. Goal

The goal of the City's Drought Contingency Plan will be to provide temporary procedures for mandatory and voluntary action, which will reduce demand on the water supply system during a water shortage situation. The Plan will include mechanisms for prohibiting certain other uses during emergency water shortages.



DROUGHT CONTINGENCY PLAN

Section I. Declaration of Policy, Purpose, and Intent

In order to conserve the available water supply and protect the integrity of the water supply facilities, with particular regard for domestic water use, sanitation and fire protection, and to protect and preserve public health, welfare and safety, and to minimize the adverse impacts of water supply shortage or other water supply emergency conditions, the City of La Marque hereby adopts the following regulations and restrictions on the delivery and consumption of water.

Water uses regulated or prohibited under this Drought Contingency Plan (Plan) are considered to be non-essential and continuation of such uses during times of water shortage, or other emergency water supply conditions, are deemed to constitute a waste of water which subjects the offender(s) to penalties as defined in Section X of the Plan.

Section II. Public Involvement

Opportunity for the public to provide input into the preparation of the Plan was provided by the City by means of scheduling a meeting to receive comments, input, notifying the public by notices in the local paper, postings at City Hall, and by utilizing the local radio stations.

Section III. Public Education

The City will periodically provide the public with information about the Plan, including information about the conditions under which each stage of the Plan is to be initiated or terminated and the drought response measures to be implemented in each stage. This information will be provided by means of:

- Utility bill inserts
- Direct mailing
- Sponsor school programs to promote Water Conservation Education
- Newspaper advertisement/school function directories (i.e., football programs, ads-yearbook, ads-FFA and 4-H programs)
- Distribute and have available brochures on water conservation

Section IV. Coordination with Regional Water Planning Groups

The service area of the City is located within the Houston Region (H), and the City has provided a copy of this Plan to the Houston Region (H), Regional Water Planning Group, which is headed by Mr. Mark Evans, with North Harris County Regional Water Authority. Mr. Evans may be contacted at (281) 440-3924.



Section V. Authorization

The City's Director of Public Works or his/her designee is hereby authorized and directed to implement the applicable provisions of this Plan upon a determination that such implementation is necessary to protect public health, safety, and welfare. The City's Director of Public Works or his/her designee shall have the authority to initiate or terminate drought or other water supply emergency response measures as described in this Plan.

Section VI. Application

The provisions of this Plan shall apply to all persons, customers, and property utilizing water provided by the City. The terms "persons" and "customer" as used in the Plan include individuals, corporations, partnerships, associations, and all other legal entities.

Section VII. Definitions

For the purposes of this Plan the following definitions shall apply:

Aesthetic Water Use: Water use for ornamental or decorative purposes such as fountains, reflecting pools and water gardens.

Mayor: Chief executive for the City.

Commercial and Institutional Water Use: Water use which is integral to the operations of commercial and non-profit establishments and governmental entities such as retail establishments, hotels and motels, restaurants and office buildings.

Conservation: Those practices, techniques, and technologies that reduce the consumption of water, reduce the loss or waste of water, improve the efficiency in the use of water or increase the recycling and reuse of water so that a supply is conserved and made available for future or alternative uses.

Customer: Any person, company or organization using water supplied by the City.

Designee: Any City employee designated by the Mayor and/or City Manager with the authority to enforce the Drought Contingency Plan.

Domestic Water Use: Water use for personal needs or for household or sanitary purposes such as drinking, bathing, heating, cooking, sanitation or for cleaning a residence, business, industry or institution.

Even Number Address: Street addresses, box numbers or rural postal route numbers ending in 0, 2, 4, 6 or 8 and locations without addresses.



City Manager: Manages all departments of the City and is responsible to the City Council Members.

Odd Number Address: Street addresses, box numbers or rural postal route numbers ending in 1, 3, 5, 7 or 9.

Industrial Water Use: The use of water in processes designed to convert materials of lower value into forms having greater usability and value.

Landscaping Irrigation Use: Water used for the irrigation and maintenance of landscaped areas, whether publicly or privately owned, including residential and commercial lawns, gardens, golf courses, parks, and rights-of-way and medians.

Non-Essential Water Use: Water uses that are not essential or required for the protection of public health, safety, and welfare, including:

1. Irrigation of landscape areas, including parks, athletic fields and golf courses, except where otherwise provided under the Plan.
2. Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle.
3. Use of water to wash down any sidewalks, walkways, driveways, parking lots, tennis courts or other hard-surfaced areas.
4. Use of water to wash down buildings or structures for purposes other than immediate fire protection.
5. Flushing gutters or permitting water to run or accumulate in any gutter or street.
6. Use of water to fill, refill or add to any indoor or outdoor swimming pools or Jacuzzi-type pools.
7. Use of water in a fountain or pond for aesthetic or scenic purposes except where necessary to support aquatic life.
8. Failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such a leak(s).
9. Use of water from hydrants for construction purposes or any other purposes than fire fighting.

Odd numbered address: street addresses, box numbers, or rural postal route numbers ending in 1, 3, 5, 7, or 9.



Section VIII. Criteria for Initiation and Termination of Drought Response Stages

The City's Director of Public Works and his/her designee shall monitor water supply and/or demand conditions on a daily basis and shall determine when conditions warrant initiation or termination of each stage of the Plan, that is when the specified "triggers" are reached.

Stage 1 Triggers – MILD Water Shortage Conditions

Requirements for Initiation: Customers shall be requested to voluntarily conserve water and adhere to the prescribed restrictions on certain water uses, defined in Section VII-Definitions, when:

1. The City of Houston's Surface Water Treatment Plants curtail production and/or delivery or if the distribution system is compromised.
2. Average daily water consumption reaches 85% of production capacity for three (3) days.
3. The static level of the water wells begins to fall below normal operating conditions.
4. Weather conditions are to be considered in drought classification determinations. Predicted long cold or dry periods and conditions are to be considered in impact analysis.

Requirements for Termination: Stage 1 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of three (3) consecutive days.

Stage 2 Triggers - MODERATE Water Shortage Conditions

Requirements for Initiation: Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses provided in Section IX of the Plan when:

1. The City of Houston's Surface Water Treatment Plants curtail production and/or delivery.
2. The static water level in the wells continues to decline.
3. Average daily water consumption reaches 100% of the rated production capacity for a three-day period.
4. Storage capacity (water level) is not being maintained during a period of 100% rated production period.
5. Weather conditions indicate that a mild drought will exist for several days.

Requirements for Termination: Stage 2 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of three (3) consecutive days. Upon termination of Stage 2, Stage 1 becomes operative.



Stage 3 Triggers – SEVERE Water Shortage Conditions

Requirements for Initiation: Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses for Stage 3 of the Plan when:

1. The City of Houston’s Surface Water Treatment Plants curtail production and/or delivery.
2. The average daily water consumption exceeds the system’s capacity.
3. The average daily water consumption will not enable storage levels to be maintained.
4. System demand exceeds high service pump capacity.
5. Failure of the water well system or distribution system.
6. Water system is contaminated either accidentally or intentionally.
7. Water system fails from “acts of God” (tornados, hurricanes) or man. Severe condition is reached immediately upon detection.

Requirements for Termination: Stage 3 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of three (3) consecutive days. Upon termination of Stage 3, Stage 2 becomes operative.

Stage 4 Triggers – EMERGENCY Water Shortage Conditions

Requirements for Initiation: Customers shall be required to comply with the requirements and restrictions for Stage 4 of the Plan when the Director of Public Works or his/her designee determines that a water supply emergency exists based on:

8. Raw water from Lake Houston or Trinity River via the Coastal Water Authority (CWA) is contaminated and/or the raw water conveyance system is compromised.
9. City of Houston’s Surface Water Treatment Plants are rendered inoperable due to “acts of God” such as hurricanes, tornadoes and major storms.
10. Major water main break or system failures occur, which causes unprecedented loss of capability to provide adequate water service.
11. Water system is contaminated either accidentally or intentionally (biologically or chemically).
1. Water system is rendered inoperable or unreliable due to terrorist activity.

Requirements for Termination: Stage 4 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of three (3) consecutive days.



Stage 5 Triggers – EMERGENCY Water Shortage Conditions

Requirements for Initiation: Customers shall be required to comply with the requirements and restrictions for Stage 5 of this Plan when the City’s Public Works Director, or his/her designee, determines that a water supply emergency exists based on:

1. Major water line break which causes unprecedented loss of capability to provide water service.
2. Water system fails from “acts of God” (hurricanes, tornados).
3. Water system is contaminated either accidentally or intentionally.
4. Water system is rendered inactive due to terrorist activity.
5. City of Houston’s Surface Water Treatment Plant facilities are rendered inoperable due to “acts of God” such as hurricanes, tornadoes and major storms.

Requirements for Termination: Stage 5 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of three (3) consecutive days.

Stage 6 Triggers – WATER ALLOCATION

Requirements for Initiation: Customers shall be required to comply with the water allocation plan prescribed in Section IX of this Plan and comply with requirements and restrictions for Stage 5 of this Plan when:

1. The City of Houston’s Surface Water Treatment Plant curtails production and/or Delivery.
2. Average daily water consumption reaches 100% of production capacity for three (3) consecutive days.
3. Static level in the City’s water wells falls to a critical level.
4. Weather predictions are for continued dry weather with no letup in sight.

Requirements for Termination: Water allocation may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of three (3) consecutive days.

Section IX. Drought Response Stages

The City’s Director of Public Works or his/her designee shall monitor water supply and/or demand conditions on a daily basis and in accordance with the triggering criteria set forth in Section VIII of the Plan, shall determine that a mild, moderate, severe or emergency water shortage condition exists and shall implement the following notification procedures:



Notification

Notification of the Public: The City's Director of Public Works or his/her designee shall notify the public by means of:

- Publication in a newspaper of general circulation
- Direct mail to each customer
- Public service announcements
- Signs posted in public places
- Take-home fliers from schools

Additional Notification: The City's Director of Public Works or his/her designee shall notify directly, or cause to be notified directly, the following individuals and entities based upon the respective drought stages:

- Fire Chief(s)
- TCEQ (required when **mandatory** restrictions are imposed)
- Major water users
- Critical water users, i.e., hospitals and schools
- Parks/street superintendents and public facilities managers
- City and/or County emergency management coordinators

Stage 1 Response – MILD Water Shortage Conditions

Target: Achieve a voluntary 10% reduction in total daily water consumption.

Best Management Practices for Supply Management:

1. Develop an information center and designate information person.
2. Advise public of condition and publicize the availability of information from the center.
3. Encourage voluntary reduction of water use.
4. Contact commercial and industrial users and explain the necessity for the initiation of strict conservation methods.
5. Implementation of system oversight and make adjustments as required to meet changing conditions.
6. Discontinue flushing of water mains.



Voluntary Water Use Restrictions for Reducing Demand:

1. Water customers are requested to voluntarily limit the irrigation of landscaped areas to Sundays and Thursdays for customers with a street address ending in an even number (0, 2, 4, 6 or 8), and Saturdays and Wednesdays for water customers with a street address ending in an odd number (1, 3, 5, 7 or 9), and to irrigate landscapes only between the hours of midnight and 10:00 a.m. and 8:00 p.m. to midnight on designated watering days.
2. All operations of the City shall adhere to water use restrictions prescribed in Stage 2 of the Plan.
3. Water customers are requested to practice water conservation and to minimize or discontinue water use for non-essential purposes.

Stage 2 Response – MODERATE Water Shortage Conditions

Target: Achieve a 15% reduction in total daily water demand

Best Management Practices for Supply Management:

1. The city will reduce or discontinue flushing water mains.
2. Reduce or discontinue irrigation of landscape areas.
3. During winter months, request that customers insulate pipes rather than running their water to prevent freezing.

Water Use Restrictions for Reducing Demand: Under threat of penalty for violation, the following water use restrictions shall apply to all persons:

1. Irrigation of landscaped areas with hose-end sprinklers or automatic irrigation systems shall be limited to Sundays and Thursdays for customers with a street address ending in an even number (0, 2, 4, 6 or 8), and Saturdays and Wednesdays for water customers with a street address ending in an odd number (1, 3, 5, 7 or 9), and irrigation of landscaped areas is further limited to the hours of 12:00 midnight until 10:00 a.m. and between 8:00 p.m. and 12:00 midnight on designated watering days. However, irrigation of landscaped areas is permitted at any time if it is by means of a hand-held hose, a faucet filled bucket or watering can of five (5) gallons or less, or drip irrigation system.



2. Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is prohibited except on designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8:00 p.m. and 12:00 midnight. Such washing, when allowed, shall be done with a hand-held bucket or a hand-held hose equipped with a positive shutoff nozzle for quick rises. Vehicle washing may be done at any time on the immediate premises of a commercial car wash or commercial service station. Further, such washing may be exempted from these regulations if the health, safety, and welfare of the public is contingent upon frequent vehicle cleansing, such as garbage trucks and vehicles used to transport food and perishables.
3. Use of water to fill, refill, or add to any indoor or outdoor swimming pools, wading pools, or Jacuzzi-type pools is prohibited except on designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8 p.m. and 12:00 midnight.
4. Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with a recirculation system.
5. Use of water from hydrants shall be limited to fire fighting, related activities or other activities necessary to maintain public health, safety, and welfare, with the exception of the use of water from designated fire hydrants for construction purposes allowed under special permit from the City.
6. The following uses of water are defined as non-essential and are prohibited:
 - a. Wash down of any sidewalks, driveways, parking lots, tennis courts, or other hard-surfaced areas.
 - b. Use of water to wash down buildings or structures for purposes other than immediate fire protection.
 - c. Use of water for dust control.
 - d. Flushing gutters or permitting water to run or accumulate in any gutter or street
 - e. Failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s).

Stage 3 Response – SEVERE Water Shortage Conditions

Target: Achieve a 25% reduction in total daily consumption (i.e. total water use, daily water demand, etc.).

Best Management Practices for Supply Management:

1. The city will reduce or discontinue flushing water mains.
2. Reduce or discontinue irrigation of landscape areas.



3. During winter months, request that customers insulate pipes rather than running their water to prevent freezing.

Water Use Restrictions for Reducing Demand: All requirements of Stage 2 shall remain in effect during Stage 3 except:

1. Irrigation of landscaped areas shall be limited to designated watering days between the hours of 12:00 midnight and 10:00 A.M. and between 8:00 P.M. and 12:00 midnight and shall be by means of hand-held hoses, hand-held buckets, drip irrigation or permanently installed automatic sprinkler system only. The use of hose-end sprinklers is prohibited at all times.
2. Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle not occurring on the premises of a commercial car wash and commercial service stations and not in the immediate interest of public health, safety and welfare are prohibited. Further, such vehicle washing at commercial car washes and commercial service stations shall occur only between the hours of 6:00 A.M. and 10:00 A.M. and between 6:00 P.M. and 10:00 P.M.
3. The filling, refilling or adding water to swimming pools, wading pools, and Jacuzzi-type pools are prohibited.
4. No application for new, additional, expanded or increased-in-size water service connections, meters, service lines, pipeline extensions, mains or water service facilities of any kind shall be approved, and time limits for approval of such applications are hereby suspended for such time as this drought response stage or a higher-numbered stage shall be in effect.
5. The use of water for construction purposes from designated fire hydrants under the special permit is to be discontinued.
6. All restaurants are prohibited from serving water to patrons except upon request.

Stage 4 Response – EMERGENCY Water Shortage Conditions

Target: Achieve a 35% reduction in total daily consumption (i.e. total water use, daily water demand, etc.).

Best Management Practices for Supply Management:

1. The city will reduce or discontinue flushing water mains.
2. Reduce or discontinue irrigation of landscape areas.
3. During winter months, request that customers insulate pipes rather than running their water to prevent freezing.



Water Use Restrictions for Reducing Demand: All requirements of Stage 3 shall remain in effect during Stage 4 except:

1. Irrigation of landscaped areas is absolutely prohibited.
2. Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle and/or construction equipment is prohibited.
3. No application for new, additional, expanded or increased-in-size water service connections, meters, service lines, pipeline extensions, mains or water service facilities of any kind shall be approved.

Stage 5 Response – EMERGENCY Water Shortage Conditions

Target: Achieve a 50% reduction in total daily consumption.

Best Management Practices for Supply Management:

1. Discontinue flushing water mains unless there are health concerns.
2. Discontinue irrigation of the City's landscape areas.
3. No application for new, additional, expanded or increase-in-size water service connections, meters, service lines, pipeline extensions, mains or water service facilities of any kind shall be approved.

Stage 6 Response – Water Allocation

In the event that water shortage conditions threaten public health, safety and welfare, the Director of Public Works or his/her designee is hereby authorized to allocate water according to the following water allocation plan.

Single Family Residential Customers

The allocation to residential water customers residing in a single-family dwelling shall be as follows:

<u>Persons per Household</u>	<u>Gallons per Month</u>
1 or 2	6,000
3 or 4	7,000
5 or 6	8,000
7 or 8	9,000
9 or 10	10,000
11 or more	12,000



“Household” means the residential premises served by the customer’s meter. “Persons per Household” includes only those persons currently physically residing at the premises and expected to reside there for the entire billing period. It shall be assumed that a particular customer’s household is comprised of two (2) persons unless the customer notifies the City of a greater number of persons per household on a form prescribed by the Director of Public Works. The Director of Public Works shall give his/her best effort to see that such forms are mailed, otherwise provided, or made available to every residential customer. If, however, a customer does not receive such a form, it shall be the customer’s responsibility to go the City of La Marque offices to complete and sign the form claiming more than two (2) persons per household. New customers may claim more persons per household at the time of applying for water service on the form prescribed by the Director of Public Works. When the number of persons per household increases so as to place the customer in a different allocation category, the customer may notify the City of La Marque on such form and the change will be implemented in the next practicable billing period. If the number of persons in a household is reduced, the customer shall notify the City of La Marque in writing within two (2) days. In prescribing the method for claiming more than two (2) persons per household, the Director of Public Works shall adopt methods to insure the accuracy of the claim. Any person who knowingly, recklessly, or with criminal negligence falsely reports the number of persons in a household or fails to timely notify the City of La Marque of a reduction in the number of persons in the household shall be fined not less than \$200.00.

Residential water customers shall pay the following surcharges:

- \$100 for the first 1,000 gallons over allocation
- \$200 for the second 1,000 gallons over allocation
- \$300 for the third 1,000 gallons over allocation
- \$400 for each additional 1,000 gallons over allocation

Surcharges shall be cumulative.



Commercial Customers

A monthly water allocation shall be established by the Director of Public Works or his/her designee, for each non-residential commercial customer other than an industrial customer who uses water for processing purposes. The non-residential customer's allocation shall be approximately 75% of the customer's usage of the billing period of the same month in the previous year. If the customer's billing history is less than a year, the monthly average of the period for which there is a record shall be used for any monthly period for which no history exists. However, a customer 75% of whose monthly usage is less than 6,000 gallons shall be allocated 6,000 gallons. The Director of Public Works shall give his/her best effort to see that notice of each non-residential customer's allocation is mailed to such customer. If, however, a customer does not receive such notice, it shall be the customer's responsibility to contact the City of La Marque to determine the allocation. Upon request of the customer or at the initiative of the Director of Public Works, the allocation may be reduced or increased if: 1) the designated period does not accurately reflect the customer's normal water usage; 2) one non-residential customer agrees to transfer part of its allocation to another non-residential customer or; 3) other objective evidence demonstrates that the designated allocation is inaccurate under present conditions. A customer may appeal an allocation established hereunder to the Director of Public Works and/or his/her designee. Non-residential commercial customers shall pay the following surcharges:

Customers whose allocation is 6,000 gallons through 10,000 gallons per month:

- \$100 per 1,000 gallons for the first 1,000 gallons over allocation
- \$200 per 1,000 gallons for the second 1,000 gallons over allocation
- \$300 per 1,000 gallons for the third 1,000 gallons over allocation
- \$400 per 1,000 gallons for each additional 1,000 gallons over allocation

Customers whose allocation is 10,001 gallons per month or more:

- 5 times the block rate for each 1,000 gallons in excess of the allocation up through 5% above allocation
- 10 times the block rate for each 1,000 gallons from 5% through 10% above allocation
- 15 times the block rate for each 1,000 gallons from 10% through 15% above allocation
- 20 times the block rate for each 1,000 gallons more than 15% above allocation

The surcharges shall be cumulative. As used herein, "block rate" means the charge to the customer per 1,000 gallons at the regular water rate schedule at the level of the customer's allocation.



Industrial Customers

A monthly water allocation shall be established by the Director of Public Works or his/her designee for each industrial customer which uses water for processing purposes. The industrial customer's allocation shall be approximately 90% of the customer's water usage baseline. Ninety (90) days after the initial imposition of the allocation for industrial customers, the industrial customer's allocation shall be further reduced to 85% of the customer's water usage baseline. The industrial customer's water use baseline will be computed on the average water use for the 12-month period ending prior to the date of implementation of Stage 2 of the Plan. If the industrial water customer's billing history is shorter than 12 months, the monthly average for the period for which there is a record shall be used for any monthly period for which no billing history exists. The Director of Public Works shall give his/her best effort to see that notice of each industrial customer's allocation is mailed to such customer. If, however, a customer does not receive such notice, it shall be the customer's responsibility to contact the City of La Marque to determine the allocation. Upon request of the customer or at the initiative of the Director of Public Works, the allocation may be reduced or increased if: 1) the designated period does not accurately reflect the customer's normal water use because the customer had shut down a major processing unit for repair or overhaul during the period; 2) the customer has added or is in the process of adding significant additional processing capacity; 3) the customer has previously implemented significant permanent water conservation measures so as to limit the ability to further reduce water use; 5) the customer agrees to transfer part of its allocation to another industrial customer; or 6) other objective evidence demonstrates that the designated allocation is inaccurate under present conditions. A customer may appeal an allocation established hereunder to the Director of Public Works and/or his/her designee. Industrial customers shall pay the following surcharges.

Customers whose allocation is 6,000 gallons through 10,000 gallons per month:

- \$300 per 1,000 gallons for the first 1,000 gallons over allocation
- \$400 per 1,000 gallons for the second 1,000 gallons over allocation
- \$500 per 1,000 gallons for the third 1,000 gallons over allocation
- \$600 per 1,000 gallons for each additional 1,000 gallons over allocation

Customers whose allocation is 10,001 gallons per month or more:

- 10 times the block rate for each 1,000 gallons in excess of the allocation up through 5% above allocation
- 15 times the block rate for each 1,000 gallons from 5% through 10% above allocation
- 20 times the block rate for each 1,000 gallons from 10% through 15% above allocation



- 25 times the block rate for each 1,000 gallons more than 15% above allocation

The surcharges shall be cumulative. As used herein, “block rate” means the charge to the customer per 1,000 gallons at the regular water rate schedule at the level of the customer’s allocation.

Section X. Enforcement

1. No person shall knowingly or intentionally allow the use of water from the City for residential, commercial, industrial, agricultural, governmental or any other purpose in a manner contrary to any provision of the Plan, or in an amount in excess of that permitted by the drought response stage in effect at the time pursuant to action taken by the City’s Director of Public Works or his/her designee, in accordance with provisions of the Plan.
2. Any person who violates the Plan is guilty of a misdemeanor and upon conviction shall be punished by a fine of not less than One Hundred Dollars (\$100.00) and not more than Two Hundred Dollars (\$200.00) each day that one or more of the provisions in the Plan is violated. Each violation shall constitute a separate offense. If a person is convicted of three or more distinct violations of the Plan, the Director of Public Works shall, upon due notice to the customer, be authorized to discontinue water service to the premises where such violations occurred. Services discontinued under such circumstances shall be restored only upon payment of a re-connection charge, hereby established at \$200, and any other costs incurred by the City in discontinuing a service. In addition, suitable assurance must be given to the City’s Director of Public Works that the same action shall not be repeated while the Plan is in effect. Compliance with the Plan may also be sought through injunctive relief in the Municipal Court.
3. Any person, including a person classified as a water customer of the City, in apparent control of the property where a violation occurs or originates shall be presumed to be the violator, and proof that the violation occurred on the person’s property shall constitute a rebuttable presumption that the person in apparent control of the property committed the violation, but any such person shall have the right to show that he/she did not commit the violation. Parents shall be presumed to be responsible for violations of their minor children and proof that a violation committed by a child occurred on property within the parent’s control shall constitute a rebuttable presumption that the parent committed the violation, but any such parent may be excused if he/she proves that he/she had previously directed the child not to use the water as it was used in violation of the Plan and that the parent could not have reasonably known of the violation.



4. Any employee of the City, police officer, or other City employee designated by the City's Director of Public Works may issue a citation to a person he/she reasonably believes to be in violation of this Ordinance. The citation shall be prepared in duplicate and shall contain the name and address of the alleged violator, if known, the offense charged, and shall direct him/her to appear in the designated Municipal Court on the date shown on the citation, which date shall not be less than three (3) days or more than five (5) days from the date the citation was issued. The alleged violator shall be served a copy of the citation. Service of the citation shall be complete upon delivery of the citation to the alleged violator, to an agent or employee of a violator, or to a person over 14 years of age who is a member of the violator's residence. The alleged violator shall appear in the Municipal Court designated on the citation to enter a plea of guilty or not guilty for the violation of the Plan. If the alleged violator fails to appear in the Municipal Court, a warrant for his/her arrest may be issued. A summons to appear may be issued in lieu of an arrest warrant. These cases shall be expedited and, if possible, given preferential setting in Municipal Court before all other cases.

Section XI. Variances

The City's Director of Public Works or his/her designee may, in writing, grant temporary variance for existing water uses otherwise prohibited under the Plan if it is determined that failure to grant such variance would cause an emergency condition adversely affecting the health, sanitation or fire protection for the public or the person requesting such variance and if one or more of the following conditions are met:

- a. Compliance with the Plan cannot be technically accomplished during the duration of the water supply shortage or other condition for which the Plan is in effect.
- b. Alternative methods can be implemented which will achieve the same level of reduction in water use.

Persons requesting an exemption from the provisions of this Ordinance shall file a petition for variance with the City within five (5) days after the Plan or a particular drought response stage has been invoked. All petitions for variances shall be reviewed by the City's Director of Public Works or his/her designee and shall include the following:

- a. Name and address of the petitioner(s).
- b. Purpose of water use.
- c. Specific provision(s) of the Plan from which the petitioner is requesting relief.
- d. Detailed statement as to how the specific provision of the Plan adversely affects the petitioner or what damage or harm will occur to the petitioner or others if petitioner complies with this Ordinance.
- e. Description of the relief requested.
- f. Period of time for which the variance is sought.



- g. Alternative water use restrictions or other measures the petitioner is taking or proposes to take to meet the intent of the Plan and the compliance date.
- h. Other pertinent information.

EXHIBIT A

CITY ORDINANCE FOR ADOPTION OF A DROUGHT CONTINGENCY

**CITY ORDINANCE FOR ADOPTION OF A
DROUGHT CONTINGENCY PLAN**

ORDINANCE NO. _____

**AN ORDINANCE OF THE CITY OF LA MARQUE ADOPTING A DROUGHT
CONTINGENCY PLAN**

WHEREAS, the City of La Marque recognizes that the amount of water available to the City and its water utility customers is limited and subject to depletion during periods of extended drought;

WHEREAS, the City recognizes that natural limitations due to drought conditions and other act of God cannot guarantee an uninterrupted water supply for all purposes;

WHEREAS, Section 11.1272 and subchapter A of Chapter 288 of the Texas Water Code and applicable rules of the Texas Commission on Environmental Quality require all public water supply systems in Texas to prepare a drought contingency plan; and

WHEREAS, as authorized under law, and in the best interests of the citizens of La Marque, Texas, the City deems it expedient and necessary to establish certain rules and policies for the orderly and efficient management of limited water supplies during drought and other water supply emergencies;

NOW THEREFORE, BE IT ORDAINED BY THE CITY OF LA MARQUE:

SECTION 1. That the Drought Contingency Plan attached hereto as Exhibit A and made part hereof for all purposes be, and the same is hereby adopted as, the official policy of the City of La Marque.

SECTION 2. That the Director is hereby directed to implement, administer and enforce the Drought Contingency Plan.

SECTION 3. That this resolution shall take effect immediately upon its passage.

DULY PASSED BY THE CITY OF LA MARQUE _____ DAY OF _____ 2019.

Bobby Hocking, Mayor

ATTESTED TO:

Robin Eldridge, City Clerk



CITY COUNCIL AGENDA FORM

Meeting Date: April 8, 2019

Prepared by: Amanda Hobby

Department: Public Works

Agenda item: 10a

Reviewed by: Charlene Warren

AGENDA ITEM DESCRIPTION - Discussion/possible action regarding approval of an agreement between La Marque Cougars Youth Organization and the City of La Marque for use and maintenance of the football fields in Mahan Park, as recommended by the Parks Board

☒ X

Attachments for reference

1. Agreement/Contract
2. Minutes of February 21, 2019 Parks Board Meeting

STAFF BRIEFING:

- La Marque Cougars Youth Organization has requested to renew their contract agreement with the City of La Marque to use and maintain the football field in Mahan Park
- At the February 21, 2019 meeting, Parks Board unanimously agreed to recommend renewal of the La Marque Cougars Youth Organization contract for another three (3) years.
- The current contract for La Marque Cougars Youth Organization expires on June 1, 2019
- Insurance is current and good through July 23, 2019
- La Marque Cougars Organization has met City requirements as far as to use and maintenance of the football field

HISTORY:

July 18, 2016 - City Council approved three (3) year agreement for the La Marque Cougars Youth Organization to use and maintain the football field at Mahan Park

February 21, 2019 - Regular Parks Board meeting approved the agreement between La Marque Cougars Youth Organization and the City of La Marque

TARGET IMPLEMENTATION: March 11, 2019

SIGNIFICANT ACTION DATES:

February 21, 2019 - Parks Board approved the recommendation to City Council of an agreement for the use of the football fields in Mahan Park



CITY COUNCIL AGENDA FORM

ACTION:

- | | |
|--|---|
| ☐ Ordinance | ☐ Resolution |
| ☐ Special Presentation | ☐ Proclamation |
| ☐ Finance Report | ☐ Public Hearing |
| ☒ Other-Agreement | |
| ☒ Mark if this item does not conflict with any Resolution, Ordinance or City Charter, policies, procedures | |

Cost Details:

Budgeted	
Actual Bid	
Estimated Expenditure	
Acct. Name(s)	
Line Item #	
Other Funding	

STAFF'S RECOMMENDATION: Motion to approve an agreement between La Marque Cougars Youth Organization and the City of La Marque for use and maintenance of the football fields in Mahan Park, as recommended by the Parks Board

FISCAL IMPACT: N/A



CITY OF LA MARQUE AGREEMENT FOR USE OF CITY LAND FOR ATHLETIC FUNCTIONS

SECTION 1. Parties. This Agreement (“Agreement”) is made by and between the City of La Marque, Texas (hereinafter called “City”) and (Charlotte Hardy) La Marque Cougar Youth Organization (hereinafter called lessee).

SECTION 2. City hereby grants Lessee permission to the use of Football Field located in Mahan Park, (Premises), said Premises being owned by the City of La Marque and located within the corporate limits of the City.

SECTION 3. Consideration. As consideration for use of facilities, lessee shall pay the City the sum of \$ -0- per year. During the term of this Agreement, lessee shall also pay any portion which exceeds \$ -0- per month for water service to the Premises no later than fifteen (15) days after receipt of invoice. If payment is not received by due date, the lessee will pay an additional \$ -0- per day after due date. The City of La Marque is not responsible for the payment, repair work or any other use of electricity at Mahan Park. If electricity is needed during the use of the premises, the Lessee shall make all the necessary arrangements.

SECTION 4. Term and Termination. This Agreement to use the Premises granted herein shall be for a period of three (3) year(s) commencing on June 1, 2019 and terminating on June 1, 2021 (except during the month of October) provided that City may at any time, on not less than (30) days advance written notice to the Lessee, revoke permission to use the Premises herein granted and may take possession of the Premises without being guilty in any manner of trespass; and all claims for damages for and by reason of such re-entry are hereby expressly waived by Lessee. It is agreed that City revocation of this Agreement prior to the expiration of the term hereof must be authorized by the City Council at a regular or special meeting. Lessee shall provide the Public Works Director a schedule of Lessees days and times of practice use of facilities and days and times of games. During this time, Lessee shall have exclusive use of the fields during these times. When Lessee is not using the fields for practices and/or games, the fields may be used by the general public for recreational purposes. The Lessee shall not sublet the fields to any other organization for practice, games or tournaments without the written consent of the City.

SECTION 5. Actions on Termination and Indemnity. Upon termination or expiration of this Agreement, Lessee agrees to peacefully give up the use and possession said premises to City and shall remove all equipment, uniforms, and personal property. Upon termination or expiration of this Agreement, all physical improvements placed upon the Premises by Lessee shall remain in place. It is further agreed that the City Council (or their designee) shall have the right to approve all plans and specifications before any improvements are made to the Premises by Lessee, other than normal

maintenance. Lessee shall submit plans and specifications to the Parks Board for their approval, then to City Manager or designee for review and recommendation to City Council.

It is expressly understood and agreed that Lessee shall indemnify and hold City harmless from any liability for payment of any obligations incurred by Lessee or due to any improvements, etc. placed in or upon said Premises by Lessee. Lessee shall not encumber, in any manner, nor permit a lien of any type to be placed on, said Premises, and Lessee agrees to indemnify and hold City harmless in regard to any such financial obligations, liens, or encumbrances of any kind.

SECTION 6. Concession Stand. Licensee shall be permitted to operate a concession stand located next to the athletic fields on the Premises and shall be permitted to sell merchandise and non-alcoholic beverages during the period from one (1) hour immediately before an athletic event commences until one (1) hour immediately after said athletic event ends. Licensee shall provide adequate and suitable containers for collecting discarded cups, papers, and trash from the operation of said concession stand and shall be responsible for keeping the entire Premises free of all papers, cups, and trash from resulting from operations of said concession stand. At no time shall Licensee sell or allow the sale of beer, wine or any other alcoholic beverage. Lessee shall prior to the opening of the concession stand obtain a Health permit from the Galveston County Health Department and maintain compliance throughout the operation of the concession stand. Any improvements to the concession stand are to meet compliance standards and shall be the responsibility of the Lessee.

SECTION 7. Equal Opportunity. It is agreed and understood that Premises are owned by the City are the subject of this Agreement and that in the conduct of Lessee's operation thereon, discrimination on account of race, color, sex, religion, age, disability, or national origin, directly or indirectly, is strictly prohibited.

SECTION 8. Maintenance and Responsibility. Lessee shall maintain the Premises in good condition satisfactory to City. Lessee shall be responsible for the costs of utility service to the Premises as discussed in Section 3. Lessee shall at their own cost provide mowing. Lessee shall at their own expense be responsible for the maintenance of the fields for safety of the participants. Lessee shall also be responsible for all field lining and preparation of fields. Any unusual circumstances necessitating City assistance must be reported immediately to the Director of Public Works.

SECTION 9. Commercial Advertising. Lessee shall be able to generate revenue for the organization with the sale of fence advertising. All advertising shall be of good taste for a family venue and professionally created. Lessee shall be responsible for the installation of fence advertising at the start of the season and the removal of all advertising at the conclusion of the season. Lessee shall be solely responsible for the maintenance of all sign advertising.

SECTION 10. Annual Report and Financial Statement. It is agreed that Lessee shall furnish to the City Manager or her designee a financial statement of the past year's operation by **September 30** of each year.

SECTION 11. Insurance and Indemnification. As a condition precedent to the effectiveness of the agreement hereby granted, Lessee agrees to indemnify and hold harmless City, its officials, employees, and agents from and against any and all costs, claims, and damages (including attorney's fees) that may be caused by the use of the Premises, and shall protect and indemnify City from any and all claims, cost, expenses, judgments, and causes of action arising out of or in any way related to the use of the Premises, and shall defend any litigation arising in connection with such use at its own cost and expense. In addition, Lessee agrees to obtain and maintain an insurance policy naming the City as additionally insured. Such policy shall be for not less than \$500,000.00 per person for bodily injuries, not less than \$100,000.00 for property damage, and an aggregate limit of not less than \$1,000,000.00 per occurrence. Proof of payment of premium for said policy and a copy of said policy shall be delivered to and kept by the City Manager or her designee and such insurance shall be maintained in full force so long as this Agreement is in effect. Not less than ten days prior to expiration of a current insurance policy, Lessee shall provide a copy of a new or replacement insurance policy to the City Manager of the City inclusive of evidence of the City continuing to be named as an additional insured under the policy. Failure to provide such proof of insurance as agreed upon shall negate any use of City facilities until such compliance has been satisfied.

SECTION 12. Validity. Each section, subsection, provision, requirement, regulation, or restriction established by this Agreement is hereby declared to be independent, and the holding of any part to be unconstitutional, invalid, or ineffective for any cause shall not affect or render invalid this Agreement or amendments hereto, as a whole or any part thereof, except the particular part so declared to be invalid.

SECTION 13. Authority. Each individual signing this Agreement certifies that he or she has been duly authorized to sign this Agreement by the party for whom he or she signs.

SECTION 14. Applicable Law. This Agreement shall be governed by and construed in accordance with the laws of the State of Texas. Venue shall be in Galveston County.

SECTION 15. Attorney's Fees. The party prevailing in any dispute under this Agreement shall be entitled to recover its reasonable attorney's fees and costs in addition to all other relief.

SECTION 16. Binding Effect. This Agreement shall be binding upon and insure to the benefit of the parties and their respective heirs, personal representatives, successors and assigns. Notwithstanding the foregoing, Lessee may not assign its interest under this Agreement without obtaining the prior consent of the City, acting through its City Council. If Lessee desires to assign its interest under this Agreement, Lessee must submit a written request to the City Manager seeking permission to assign its interest and identify to whom the Lessee proposes to assign its interest and the terms of any such assignment. The request for assignment will be considered by the City Council at a regular meeting and the City Council, in its sole discretion, may vote to consent to the assignment or vote to not consent to the assignment.

SECTION 17. Counterparts. This Agreement may be executed in one or more counterparts which, when taken together, shall constitute one and the same document. This Agreement may be executed by facsimile signature or by a signature transmitted by facsimile and such facsimile signature or such signature transmitted by facsimile shall be considered the same as an original signature for all purposes.

SECTION 18. Correspondence. All correspondence to the City shall be mailed or delivered to:

City Manager
1111 Bayou Road
La Marque, Texas 77568

Lessee shall notify in writing to City their point of correspondence.

LESSEE:

CITY:

CITY OF LA MARQUE, TEXAS

By: _____

By: _____

Name: _____

Name: Charlene Warren

Title: _____

Title: Interim City Manager

Date: _____

Date: _____

ATTEST:

By: _____

Name: Robin Eldridge

Title: City Clerk

City of La Marque



1111 Bayou
La Marque, Texas 77568
409.938.9202

**CITY OF LA MARQUE
PARKS BOARD
REGULAR MEETING MINUTES
OF
FEBRUARY 21, 2019**

Minutes of the City of La Marque Parks Board Special Meeting Minutes held on **Thursday, February 21, 2019, beginning at 6:30 p.m.** at 1109-B Bayou Road with the following members present:

(1) CALL TO ORDER

Chairperson Louis McGaffey called the meeting to order at 6:30 p.m.

(2) ROLL CALL

PRESENT:

Louis McGaffey
Herbert Franklin
Bo Hunter
Al Reida
Tamara Williams
C.J Leggett
Larry Walker

ABSENT:

Michael Bock

OTHER OFFICIALS/STAFF PRESENT:

Deck Shaver, Interim- Public Services Director
Amanda Hobby, Project Coordinator
Venisha Henderson, Public Services Administrative Assistant

(3) APPROVAL OF MINUTES

- a. Board Member Hunter made a motion to approve the Parks Board Regular Meeting minutes of January 17, 2019. Board Member Leggett seconded. **MOTION PASSED UNANIMOUSLY.**

(4) PRESENTATIONS/PROCLAMATIONS

There was none.

(5) FINANCIAL REPORT

Board Member Reida made a motion to approve the financial report ending January 2019. Board Member Walker seconded. **MOTION PASSED UNANIMOUSLY.**

(6) CITIZENS PARTICIPATION

None.



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(7) OLD BUSINESS

- a. Discussion/possible action regarding status of initiated Parks Board Projects
(Back up to be provided at meeting.)

Ms. Hobby reported that she had not been able to speak with Ms. Crockett about the removal of the pine trees at Westlawn Park, but will try to make contact with her the following day and explain to her the process tag each pine tree she is wanting removed and if it is close to a house the City cannot touch because of a liability issue and will have to contract it out. Ms. Hobby added that any company the City would hire would have to be bonded with insurance. Chairperson McGaffey said that he had spoken with Mr. Osteen and he is willing to volunteer to cut down the pine trees for free. Ms. Hobby advised that she get back with Mr. McGaffey on this.

(8) NEW BUSINESS

- a. Discussion/possible action regarding the City of La Marque's Public Services Department to remove the unutilized baseball equipment at Highland Bayou Park.

Ms. Hobby recommended that Public Works remove the baseball equipment at Highland Bayou Park, because the cost to replace was too expensive. Board Member Walker asked what the open space was going to be used for after the removal. Chairperson McGaffey asked that the Parks Board to go out the park and look first. Parks Board requested to be placed on the next City Council Agenda for utilization of the baseball fields. Ms. Hobby will get the dollar amount on how much it will cost for the removal of the fields. Chairperson McGaffey asked if they could get dirt out to save the bulk head by Jessica Cain's memorial when putting in the grass. Ms. Hobby replied that this could be done. Ms. Hobby is waiting on the Gordian Group to get back with her on the bid proposal for the reinforcement of the Pavilion supports at Highland Bayou Park. Also, in order to install the brick backs around the shoreline of the lake for stabilization due to erosion, the City is required by the Army Corp of Engineers to file for two separate permits; (1) A general permit allowing the City to install the brick back around the shoreline (2) A wetland permit which is harder to get and will require the Army Corps of Engineers to come out and determine what is considered to be wetlands. Ms. Hobby asked how long this will take to get the permits, the Engineering Company says it would be 6-8 months. Board Member Walker asked about the Walking Trail and what kind of other material will be used when re bidding and Ms. Hobby stated using some kind of asphalt, not concrete. Chairperson McGaffey asked if the City can get 3 quotes for the walking trail. Ms. Hobby says she can post it in the newspaper. Chairperson McGaffey asked if the Parks Board can designate the \$40,000 they have in the Parks budget for the



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walking trail, so they will not lose it? Ms. Hobby replied, “if it is a Capital Improvement, yes, it is designated, and if it is not a Capital Improvement then No. You will have to spend it before the end of the budget year.”

- b. Discussion/possible action regarding the La Marque Cougars Youth Football League Contract Agreement.

Chairperson McGaffey said the Cougars have been doing a great job maintaining the fields. Chairperson McGaffey asked for the Cougars to be placed on next City Council Agenda for renewal of the Youth’s football team contract, their insurance is still valid, but their contract ends July 2019. Board Member Reida made a motion to renew the La Marque Cougars Youth Football Team’s contract. Board Member Williams seconded. **MOTION CARRIED UNANIMOUSLY.**

- c. Discussion/possible action regarding the Garden Club planting a tree at Highland Bayou Park.

Ms. Deanie Barrett introduced Isaiah and Dana to the Parks Board. Mr. Isaiah asked if they could plant a tree in memory of Isaiah’s mother at Highland Bayou Park. Mr. Isaiah’s mother used to sing with Johnny Lee and she loved music and he know Highland Bayou Park holds the Bayou Fest each year and it will be somewhat of a memorial for her. Chairperson McGaffey said he had no problem with it, but when planting this tree, they would have to get with the Public Works Department to make sure the location follows the City’s guidelines. Board Member Williams asked what tree they were wanting to plant, which was unknown at this time. Board Member Walker made a motion to approve Mr. Isaiah’s planting of the tree in memory of his mother. Board member Hunter seconded. **MOTION CARRIED UNANIMOUSLY.**

- d. Discussion/possible action regarding the Master Parks Plan/Grants with the Playwell Group.

Sales Consultant, Kerry Walsh with Playwell Group, explained that they can help put together grants from Playwell Group for the City parks. Board Member asked if there were any catalogs available and Mr. Walsh replied that they were the 2018 edition, and that the 2019 catalogs would be available soon. Ms. Hobby and Venisha Henderson will keep in contact with Mr. Walsh on the grants for the parks.

- e. Discussion/possible action regarding the next Parks Board Meeting.

It was the consensus of the Board Members to hold the next Parks Board meeting on Thursday, March 21, 2019. **MOTION PASSED UNANIMOUSLY.**

(9) REQUESTS AND ANNOUNCEMENTS

There were none.



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(10) ADJOURNMENT

It was the consensus of the Board to adjourn the meeting at 7:45 p.m.

Louis "Mac" McGaffey, Chairperson
Parks Board



CITY COUNCIL AGENDA FORM

Meeting Date: April 8, 2019

Prepared by: Suzy Kou

Department: Finance

Agenda item: 10b

Reviewed by: Charlene Warren

AGENDA ITEM DESCRIPTION: Discussion/possible action regarding amending original contract with TLC for debris monitoring in the amount of \$72,457.81

☒ X

ATTACHMENTS FOR REFERENCE

1. TLC request for contract amendment
2. Original contract provision

STAFF BRIEFING:

- As no one could anticipated the full impact of Hurricane Harvey, it was difficult to accurately estimate the amount of debris requiring monitoring for removal.
- The original contract with TLC had a *not to exceed* amount of \$250,000 for debris removal after Hurricane Harvey.
- The actual total billed for debris monitoring was \$322,457.81.
- The amount exceeded the \$250,000 cap by \$72,457.81.
- In order to meet FEMA requirements, the original contract terms have to be amended to allow for portion exceeding the cap.
- FEMA's deadline to allow City to comply is April 10, 2019.

HISTORY:

TARGET IMPLEMENTATION: April 8, 2019

SIGNIFICANT ACTION DATES:

September 11, 2017 - Council approved contract with TLC for debris removal after Harvey.

September 15, 2017 - Original contract with TLC was signed.

ACTION:

- | | |
|--|---|
| ☐ Ordinance | ☐ Resolution |
| ☐ Special Presentation | ☐ Proclamation |
| ☐ Finance Report | ☐ Public Hearing |
| ☒ Other - Contract amendment | |
| ☒ Mark if this item does not conflict with any Resolution, Ordinance or City Charter, policies, procedures | |

Cost Details:

Budgeted	\$250,000
Actual Bid	
Actual Expenditure	\$322,458
Acct. Name	Debris
Line Item #	70-6110-14-02
Other Funding	



CITY COUNCIL AGENDA FORM

STAFF'S RECOMMENDATION: Motion to amending original contract with TLC for debris monitoring in the amount of \$72,457.81

FISCAL IMPACT: \$72,457.81



March 21, 2019

Mr. Ellis J. Ortego, City Attorney
City of La Marque, Texas
1111 Bayou Road,
La Marque, TX 77568

Subject: Request for Additional Funding

Dear Mr. Ortego:

The purpose of this letter is to request a budget modification to our contract for Post Disaster Debris Monitoring (RFP 17-02).

The original Contract for Services between the City of La Marque, Texas ("the City") and TLC Engineering, Inc. ("TLC") for the debris removal monitoring program included a Not-to-Exceed (NTE) value of \$250,000. However, as of October 10, 2017 we had reached the \$250,000 NTE amount. Our monitoring project exceeded the estimated effort by the following amounts per invoice.

Invoice #	Dates	Hours	Cost	Invoice #	Dates	Hours	Cost
10283	10/11/2017	91.00	\$ 5,058.11	10299	10/21/17	40.00	\$ 2,559.72
	10/12/2017	117.00	\$ 7,445.16		10/23/17	40.00	\$ 2,608.83
	10/13/2017	138.00	\$ 8,318.71		10/24/17	21.00	\$ 1,211.09
					10/25/17	12.50	\$ 1,069.97
					10/26/17	29.50	\$ 2,263.43
	Total	574.25	\$ 20,821.98		Total	143.00	\$ 9,713.04
10298	10/14/2017	101.00	\$ 6,307.93	10300	10/27/17	2.00	\$ 300.00
	10/15/2017	53.00	\$ 3,512.81		10/30/17	37.00	\$ 2372.43
	10/16/2017	97.50	\$ 6,058.73		10/31/17	38.00	\$ 2425.11
	10/13/2017	83.750	\$ 4,770.20		11/01/17	37.50	\$ 2398.77
	10/18/2017	47.00	\$ 2,816.49		11/02/17	40.00	\$ 2714.78
	10/19/2017	42.50	\$ 2,839.56		11/06/17	39.00	\$ 2293.45
	10/20/2017	41.50	\$ 2,649.05		11/07/17	9.00	\$ 474.03
		Total	466.25		\$ 29,954.77		Total
Total Rounded Invoices							\$ 72,468.36
Minus Rounding							\$ -10.55
Final Overage							\$ 72,457.81

Please note that data on attached invoice TLC10283 from October 7 to October 10 is not included in the overage calculation, as up until that point we had not reached the \$250,000 NTE limit.

This table shows the additional hours, and cost, that our personnel spent on the project to make it whole. Rounding of figures created a slight difference (\$10.55) between the totals for this effort and the amount that was billed over the \$250,000 NTE total. This was removed for the Final Overage amount of \$72,457.81.

Due to the additional time required to complete the project to the satisfaction of the City's and TLC's mutual high standards of completion, and in accordance with the Federal Emergency Management Agency's (FEMA's) guidelines, the additional effort that was needed exceeded the NTE limit by \$72,457.81. Thus, we are requesting an increase to the project budget from \$250,000 to \$322,457.81 to reflect the additional effort.

Respectfully,



Tony L. Council, P.E.
President and CEO

Attachments: TLC Invoices TLC10283, TLC10298, TLC10299, and TLC102300

c.c. Charlene Warren, City of La Marque City Manager
Mysty Nauck, City of a La Marque Accountant
Tim Kroeker, M.E.Des.; TLC Mgr., Env. Svc.
Bill Buckmaster; TLC Director, Field Operations
TLC File



TLC Engineering, Inc.
8204 Westglen Drive
Houston, TX 77063

Invoice

Date	Invoice #
10/17/2017	TLC10283

Bill To City of La Marque, Texas
1111 Bayou Road
La Marque, Texas 77568

P.O. No.	Terms	Due Date	Project Name	Job #
	Net 30	11/16/2017		10049 - La Ma...
Item	Description	Qty	Rate	Amount
	October 7, 2017			
Project Manager	Ben Davis	8	150.00	1,200.00
Data Manager	Kelvin Lockhart	8	73.33	586.64
Operations Manager	Felix Martin	10.5	94.67	994.04
Field Supervisor	Jimmy Francis	12.5	73.33	916.63
Debris Site/Tower Monitor	Jefferson Martinez		52.67	684.71
Clerical	Morella Whitmore	2	33.73	67.46
Field Monitor	Tyler Hines	12	52.67	632.04
Field Monitor	Kodi Harvill	11.5	52.67	605.71
Field Monitor	Brooke Deshais	12.5	52.67	658.38
Field Monitor	Paul Joseph	10.5	52.67	553.04
Field Monitor	Yolanda Williams	9	52.67	474.03
Field Monitor	James Howard	10	52.67	526.70
Field Monitor	James Howard	10	52.67	526.70
Field Monitor	Brandon Combs	8.5	52.67	447.70
Field Monitor	Jennifer Lopez	9.5	52.67	500.37
	October 8, 2017			
Project Manager	Ben Davis	8	150.00	1,200.00
Data Manager	Kelvin Lockhart	3	73.33	219.99
Data Manager	Jan Sexton	3	73.33	219.99
Operations Manager	Felix Martin	10.5	94.67	994.04
Field Supervisor	Jimmy Francis	13	73.33	953.29
Debris Site/Tower Monitor	Jefferson Martinez	13	52.67	684.71
Field Monitor	Tyler Hines	8.5	52.67	447.70
Field Monitor	Paul Joseph	11.5	52.67	605.71
Field Monitor	Yolanda Williams	10.5	52.67	553.04
Total				
Payments/Credits				
Balance Due				

Phone #	Fax #	E-mail
713 868-6900	713 868-0001	dowens@tlceng.com



TLC Engineering, Inc.
8204 Westglen Drive
Houston, TX 77063

Invoice

Date	Invoice #
10/17/2017	TLC10283

Bill To City of La Marque, Texas
1111 Bayou Road
La Marque, Texas 77568

P.O. No.	Terms	Due Date	Project Name	Job #
	Net 30	11/16/2017		10049 - La Ma...
Item	Description	Qty	Rate	Amount
Field Monitor	Brooke Deshais	12.5	52.67	658.38
Field Monitor	James Howard	12.5	52.67	658.38
Field Monitor	Brandon Combs	10.5	52.67	553.04
Field Monitor	Kodi Harvill	12.5	52.67	658.38
Field Monitor	Denise Clark	9	52.67	474.03
	October 09, 2017			
Project Manager	Ben Davis	8	150.00	1,200.00
Data Manager	Kelvin Lockart	5	73.33	366.65
Data Manager	Jalil Sexton	5	73.33	366.65
Operations Manager	Felix Martin	12.5	94.67	1,183.38
Clerical	Morella Whitmore	4.5	33.73	151.79
Debris Site/Tower Monitor	Jefferson Martinez	13	52.67	684.71
Field Monitor	Amber Jones	12.5	52.67	658.38
Field Monitor	Kodi Harvill	12	52.67	632.04
Field Monitor	Tyler Hines	12.5	52.67	658.38
Field Monitor	Brooke Deshais	12.5	52.67	658.38
	October 10, 2017			
Project Manager	Ben Davis	8	150.00	1,200.00
Data Manager	Kelvin Lockhart	8	73.33	586.64
Clerical	Morella Whitmore	8.5	33.73	286.71
Field Supervisor	Jimmy Francis	13	73.33	953.29
Debris Site/Tower Monitor	Jefferson Martinez	13	52.67	684.71
Field Monitor	Paul Joseph	11.5	52.67	605.71
Field Monitor	Tyler Hines	11.5	52.67	605.71
Field Monitor	Kodi Harvill	11.5	52.67	605.71

Not Included in Overage Calculation

Total
Payments/Credits
Balance Due

Phone #	Fax #	E-mail
713 868-6900	713 868-0001	dowens@tlceng.com



TLC Engineering, Inc.
8204 Westglen Drive
Houston, TX 77063

Invoice

Date	Invoice #
10/17/2017	TLC10283

Bill To City of La Marque, Texas
1111 Bayou Road
La Marque, Texas 77568

P.O. No.	Terms	Due Date	Project Name	Job #
	Net 30	11/16/2017		10049 - La Ma...
Item	Description	Qty	Rate	Amount
Field Monitor	Amber Jones	11.5	52.67	605.71
Field Monitor	Bronke Dehais	12.5	52.67	658.38
Field Monitor	James Howard	8.5	52.67	447.70
Field Monitor	Denise Clark	11.5	52.67	605.71
	October 11, 2017			
Data Manager	Jalil Sexton	8	73.33	586.64
Field Supervisor	Jimmy Francis	14	73.33	1,026.62
Clerical	Morella Whitmore	10	33.73	337.30
Field Monitor	James Howard	11.5	52.67	605.71
Field Monitor	Paul Joseph	11.5	52.67	605.71
Field Monitor	Amber Jones	13	52.67	684.71
Field Monitor	Kodi Harvill	11.5	52.67	605.71
Field Monitor	Denise Clark	11.5	52.67	605.71
	October 12 2017			
Project Manager	Ben Davis	4	150.00	600.00
Data Manager	Kelvin Lockhart	8	73.33	586.64
Operations Manager	Felix Martin	12.5	94.67	1,183.38
Field Supervisor	Jimmy Francis	13.5	73.33	989.96
Clerical	Morella Whitmore	4	33.73	134.92
Debris Site/Tower Monitor	Jefferson Martinez	14	52.67	737.38
Field Monitor	Denis Clark	12	52.67	632.04

Not Included In Overage Calculation

Total

Payments/Credits

Balance Due

Phone #	Fax #	E-mail
713 868-6900	713 868-0001	dowens@tlceng.com



ENGINEERING

TLC Engineering, Inc.
8204 Westglen Drive
Houston, TX 77063

Invoice

Date	Invoice #
10/17/2017	TLC10283

Bill To City of La Marque, Texas
1111 Bayou Road
La Marque, Texas 77568

P.O. No.	Terms	Due Date	Project Name	Job #
	Net 30	11/16/2017		10049 - La Ma...
Item	Description	Qty	Rate	Amount
Field Monitor	James Howard	12	52.67	632.04
Field Monitor	Tyler Hines	12.5	52.67	658.38
Field Monitor	Kodi Harvill	12	52.67	632.04
Field Monitor	Amber Jones	12.5	52.67	658.38
	October 13, 2017			
Project Manager	Ben Davis	2	150.00	300.00
Data Manager	Kelvin Lockhart	8	73.33	586.64
Operations Manager	Felix Martin	12.5	94.67	1,183.38
Field Supervisor	Jimmy Francis	13.5	73.33	989.96
Clerical	Morella Whitmore	6	33.73	202.38
Debris Site/Tower Monitor	Jefferson Martinez	13	52.67	684.71
Field Monitor	Tyler Hines	12.5	52.67	658.38
Field Monitor	James Howard	11.5	52.67	605.71
Field Monitor	Brooke Deshais	12.5	52.67	658.38
Field Monitor	Denise Clark	11.5	52.67	605.71
Field Monitor	Amber Jones	12.5	52.67	658.38
Field Monitor	Paul Joseph	11.5	52.67	605.71
Field Monitor	KODi Harvill	11	52.67	579.37
Contract Amount: \$250,000.00 Current Invoice Amount: \$57,459.80 Total Amount Invoice Billed: \$270,811.43 Amount Remaining: \$0.00 Amount Over Budget: \$20,811.43				

Total	\$57,459.80
Payments/Credits	\$0.00
Balance Due	\$57,459.80

Phone #	Fax #	E-mail
713 868-6900	713 868-0001	dowens@tlceng.com



TLC Engineering, Inc.
8204 Westglen Drive
Houston, TX 77063

Invoice

Date	Invoice #
11/7/2017	TLC10298

Bill To City of La Marque, Texas
1111 Bayou Road
La Marque, Texas 77568

P.O. No.	Terms	Due Date	Project Name	Job #
	Net 30	12/7/2017		10049 - La Ma...
Item	Description	Qty	Rate	Amount
	October 14, 2017			
Project Manager	Ben Davis	2	150.00	300.00
Operations Manager	Felix Martin	12.5	94.67	1,183.38
Field Supervisor	Jimmy Francis	13	73.33	953.29
Debris Site/Tower Monitor	Jefferson Martinez	13	52.67	684.71
Field Monitor	Tyler Hines	11.5	52.67	605.71
Field Monitor	Kodi Harvill	9.5	52.67	500.37
Field Monitor	Brooke Deshais	15	52.67	790.05
Field Monitor	Paul Joseph	11	52.67	579.37
Field Monitor	James Howard	13.5	52.67	711.05
	October 15, 2017			
Operations Manager	Felix Martin	12.5	94.67	1,183.38
Field Supervisor	Jimmy Francis	9.5	73.33	696.64
Debris Site/Tower Monitor	Jefferson Martinez	10.5	52.67	553.04
Field Monitor	Tyler Hines	7.5	52.67	395.03
Field Monitor	Brooke Deshais	5.5	52.67	289.69
Field Monitor	Kodi Harvill	7.5	52.67	395.03
	October 16, 2017			
Project Manager	Ben Davis	3	150.00	450.00
Operations Manager	Felix Martin	12	94.67	1,136.04
Clerical	Morella Whitmore	8	33.73	269.84
Field Supervisor	Jimmy Francis	13.5	73.33	989.96
Debris Site/Tower Monitor	Jefferson Martinez	12	52.67	632.04
Field Monitor	Amber Jones	12.5	52.67	658.38
Field Monitor	Kodi Harvill	11.5	52.67	605.71

Total

Payments/Credits

Balance Due

Phone #	Fax #	E-mail
713 868-6900	713 868-0001	dowens@tlceng.com



TLC Engineering, Inc.
8204 Westglen Drive
Houston, TX 77063

Invoice

Date	Invoice #
11/7/2017	TLC10298

Bill To City of La Marque, Texas
1111 Bayou Road
La Marque, Texas 77568

P.O. No.	Terms	Due Date	Project Name	Job #
	Net 30	12/7/2017		10049 - La Ma...
Item	Description	Qty	Rate	Amount
Field Monitor	Tyler Hines	12.5	52.67	658.38
Field Monitor	Brooke Deshais	12.5	52.67	658.38
	October 17, 2017			
Project Manager	Ben Davis	2	150.00	300.00
Clerical	Morella Whitmore	5.5	33.73	185.52
Field Supervisor	Jimmy Francis	13	73.33	953.29
Debris Site/Tower Monitor	Jefferson Martinez	13	52.67	684.71
Field Monitor	Tyler Hines	12.5	52.67	658.38
Field Monitor	Kodi Harvill	12.5	52.67	658.38
Field Monitor	Amber Jones	12.5	52.67	658.38
Field Monitor	Brooke Deshais	12.75	52.67	671.54
	October 18, 2017			
Project Manager	Ben Davis	2	150.00	300.00
Field Supervisor	Jimmy Francis	13.5	73.33	989.96
Debris Site/Tower Monitor	Jefferson Martinez	11.5	52.67	605.71
Clerical	Morella Whitmore	7	33.73	236.11
Field Monitor	Tyler Hines	13	52.67	684.71
	October 19 2017			
Project Manager	Ben Davis	4	150.00	600.00
Field Supervisor	Jimmy Francis	13	73.33	953.29
Clerical	Morella Whitmore	3	33.73	101.19
Debris Site/Tower Monitor	Jefferson Martinez	14	52.67	737.38
Field Monitor	Tyler Hines	8.5	52.67	447.70

Total

Payments/Credits

Balance Due

Phone #	Fax #	E-mail
713 868-6900	713 868-0001	dowens@tlceng.com



TLC Engineering, Inc.
8204 Westglen Drive
Houston, TX 77063

Invoice

Date	Invoice #
11/7/2017	TLC10298

Bill To City of La Marque, Texas
1111 Bayou Road
La Marque, Texas 77568

P.O. No.	Terms	Due Date	Project Name	Job #
	Net 30	12/7/2017		10049 - La Ma...
Item	Description	Qty	Rate	Amount
Project Manager	October 20, 2017			
Field Supervisor	Ben Davis	2	150.00	300.00
Debris Site/Tower Monitor	Jimmy Francis	13	73.33	953.29
Field Monitor	Jefferson Martinez	14	52.67	737.38
	Tyler Hines	12.5	52.67	658.38
Contract Amount: \$250,000.00 Current Invoice Amount: \$28,954.77 Total Amount Invoice Billed: \$300,766.20 Amount Remaining: \$0.00 Amount Over Budget: \$49,766.20				

Total	\$28,954.77
Payments/Credits	\$0.00
Balance Due	\$28,954.77

Phone #	Fax #	E-mail
713 868-6900	713 868-0001	dowens@tlceng.com



TLC Engineering, Inc.
8204 Westglen Drive
Houston, TX 77063

Invoice

Date	Invoice #
11/7/2017	TLC10299

Bill To City of La Marque, Texas
1111 Bayou Road
La Marque, Texas 77568

P.O. No.	Terms	Due Date	Project Name	Job #
	Net 30	12/7/2017		10049 - La Ma...
Item	Description	Qty	Rate	Amount
	October 21, 2017			
Project Manager	Ben Davis	2	150.00	300.00
Field Supervisor	Jimmy Francis	12.5	73.33	916.63
Debris Site/Tower Monitor	Jefferson Martinez	13.5	52.67	711.05
Field Monitor	Tyler Hines	12	52.67	632.04
	October 23, 2017			
Project Manager	Ben Davis	3	150.00	450.00
Clerical	Morella Whitmore	2	33.73	67.46
Field Supervisor	Jimmy Francis	12	73.33	879.96
Debris Site/Tower Monitor	Jefferson Martinez	13	52.67	684.71
Field Monitor	Tyler Hines	10	52.67	526.70
	October 24, 2017			
Clerical	Morella Whitmore	1	33.73	33.73
Field Supervisor	Jimmy Francis	6	73.33	439.98
Debris Site/Tower Monitor	Jefferson Martinez	8	52.67	421.36
Field Monitor	Tyler Hines	6	52.67	316.02
	October 25, 2017			
Project Manager	Ben Davis	2	150.00	300.00
Data Manager	Jalil Sexton	10.5	73.33	769.97
	October 26, 2017			
Project Manager	Ben Davis	6	150.00	900.00
Clerical	Morella Whitmore	1	33.73	33.73
Field Supervisor	Jimmy Francis	7	73.33	513.31

Total

Payments/Credits

Balance Due

Phone #	Fax #	E-mail
713 868-6900	713 868-0001	dowens@tlceng.com



TLC Engineering, Inc.
8204 Westglen Drive
Houston, TX 77063

Invoice

Date	Invoice #
11/7/2017	TLC10299

Bill To City of La Marque, Texas
1111 Bayou Road
La Marque, Texas 77568

P.O. No.	Terms	Due Date	Project Name	Job #
	Net 30	12/7/2017		10049 - La Ma...
Item	Description	Qty	Rate	Amount
Debris Site/Tower Monitor	Jefferson Martinez	9.5	52.67	500.37
Field Monitor	Tyler Hines	6	52.67	316.02
Contract Amount: \$250,000.00 Current Invoice Amount: \$9,713.04 Total Amount Invoice Billed: \$310,479.24 Amount Remaining: \$0.00 Amount Over Budget: \$59,479.24				

Total	\$9,713.04
Payments/Credits	\$0.00
Balance Due	\$9,713.04

Phone #	Fax #	E-mail
713 868-6900	713 868-0001	dowens@tlceng.com



TLC Engineering, Inc.
8204 Westglen Drive
Houston, TX 77063

Invoice

Date	Invoice #
11/7/2017	TLC10300

Bill To City of La Marque, Texas
1111 Bayou Road
La Marque, Texas 77568

P.O. No.	Terms	Due Date	Project Name	Job #
	Net 30	12/7/2017		10049 - La Ma...
Item	Description	Qty	Rate	Amount
Project Manager	October 27, 2017 Ben Davis	2	150.00	300.00
Project Manager	October 30, 2017 Ben Davis	2	150.00	300.00
Field Supervisor	Jimmy Francis	12	73.33	879.96
Debris Site/Tower Monitor	Jefferson Martinez	13	52.67	684.71
Field Monitor	Tyler Hines	9	52.67	474.03
Clerical	Morella Whitmore	1	33.73	33.73
Project Manager	October 31 2017 Ben Davis	2	150.00	300.00
Clerical	Morella Whitmore	1	33.73	33.73
Field Supervisor	Jimmy Francis	12	73.33	879.96
Debris Site/Tower Monitor	Jefferson Martinez	12.5	52.67	658.38
Field Monitor	Tyler Hines	10.5	52.67	553.04
Project Manager	November 1, 2017 Ben Davis	2	150.00	300.00
Clerical	Morella Whitmore	1	33.73	33.73
Field Supervisor	Jimmy Francis	12	73.33	879.96
Debris Site/Tower Monitor	Jefferson Martinez	12	52.67	632.04
Field Monitor	Tyler Hines	10.5	52.67	553.04
Project Manager	November 2, 2017 Ben Davis	4	150.00	600.00

Total

Payments/Credits

Balance Due

Phone #	Fax #	E-mail
713 868-6900	713 868-0001	dowens@tlceng.com



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8204 Westglen Drive
Houston, TX 77063

Invoice

Date	Invoice #
11/7/2017	TLC10300

Bill To City of La Marque, Texas
1111 Bayou Road
La Marque, Texas 77568

P.O. No.	Terms	Due Date	Project Name	Job #
	Net 30	12/7/2017		10049 - La Ma...
Item	Description	Qty	Rate	Amount
Clerical	Morella Whitmore	1	33.73	33.73
Field Supervisor	Jimmy Francis	11.5	73.33	843.30
Debris Site/Tower Monitor	Jefferson Martinez	12.5	52.67	658.38
Field Monitor	Tyler Hines	11	52.67	579.37
	November 6, 2017			
Clerical	Morella Whitmore	1	33.73	33.73
Field Supervisor	Jimmy Francis	12.5	73.33	916.63
Debris Site/Tower Monitor	Jefferson Martinez	13	52.67	684.71
Field Monitor	Tyler Hines	12.5	52.67	658.38
	November 7, 2017			
Debris Site/Tower Monitor	Jefferson Martinez	9	52.67	474.03
Contract Amount: \$250,000.00 Current Invoice Amount: \$12,978.57 Total Amount Invoice Billed: \$322,457.81 Amount Remaining: \$0.00 Amount Over Budget: \$72,457.81				
Total				\$12,978.57
Payments/Credits				\$0.00
Balance Due				\$12,978.57

Phone #	Fax #	E-mail
713 868-6900	713 868-0001	dowens@tlceng.com

Fee Schedule

Item#	Positions	Hourly Rate
1.	Project Manager	\$ 150.00
1.	Operations Manager	\$ 94.67
2.	Data Manager	\$ 73.33
3.	GIS Analyst	\$ 65.65
4.	Field Supervisor	\$ 73.33
5.	Debris Site/Tower Monitor	\$ 52.67
6.	Debris Collection Monitor	\$ 52.67
7.	Billing/Invoice Analysts	\$ 52.67
8.	Clerical	\$ 33.73
9.	Data Entry	\$ 33.73

Hourly rates are provided to demonstrate reasonable cost.

The proposed debris removal monitoring program has a Not-to-Exceed value of:

\$250,000
