### Lift Stations

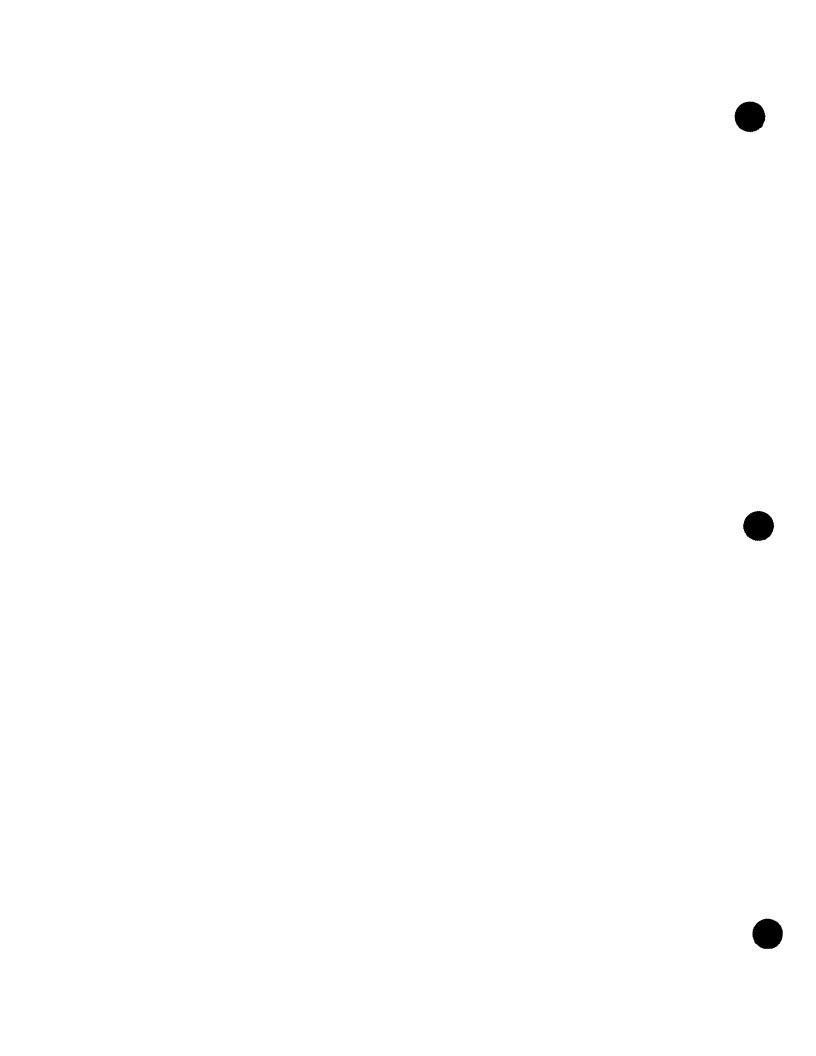
Presently the City operates 11 sanitary sewer lift stations, not including the 2 located within the wastewater treatment plant sites. Private lift stations also exist within the City and serve areas that are not currently served by public gravity sewers. Public lift station general locations and capacities are shown below. The capacities shown are firm capacities with one pump out of service.

	Existing Lift S	Existing Lift Station Capacities	ies
#ST	Lift Station Name	Firm Capacity <sup>1</sup>	LUE Equiv <sup>2</sup>
		(mdb)	Capacity
	North WMTP	4500	7645
•	South WMTP	4475	7603
-	Northstar	250	425
, 5	Sherwood	380	646
က	Hunterwood	175	297
4	Hufsmith	350	595
2	Tomball Hills	225	382
9	Persimmon	108	183
7	Jergens Park	36	61
ω	Matheson Park	125	212
6	FM 2920 & Park Rd	340	578
9	Hicks	50-150	AND AND THE THE STREET WAS ARRESTED BY THE STREET AND THE STREET AND THE STREET, AND THE STREE
1	School	200-300	e eneme and a complete of the foreign of the complete of the c
			endelphia - un element
	(1) Lift station capacity with largest pump out-of-service	h largest pump out	of-service
	(2) Based on 211.9 gpd per LUE	per LUE	entringer - Angelentangenterranger (1905)
		The state of the s	ACCRECATE AND ACCRECATE THE CONTRACT COMMERCIAL PROPERTY AND ACCRECATE THE CONTRACT OF THE CON

## **Collection System**

The City's collection system is comprised of approximately 80 miles of gravity sewers and force mains ranging in size from 4-inch to 36-inch diameter. City of Tomball topography requires some isolated collection systems to pump by Lift Station before continuing as gravity lines.

The Wastewater Treatment Plants and sanitary sewer collection system are shown in the Tomball Master Plan Sanitary Sewer System Exhibit.



## Historical Wastewater Flows

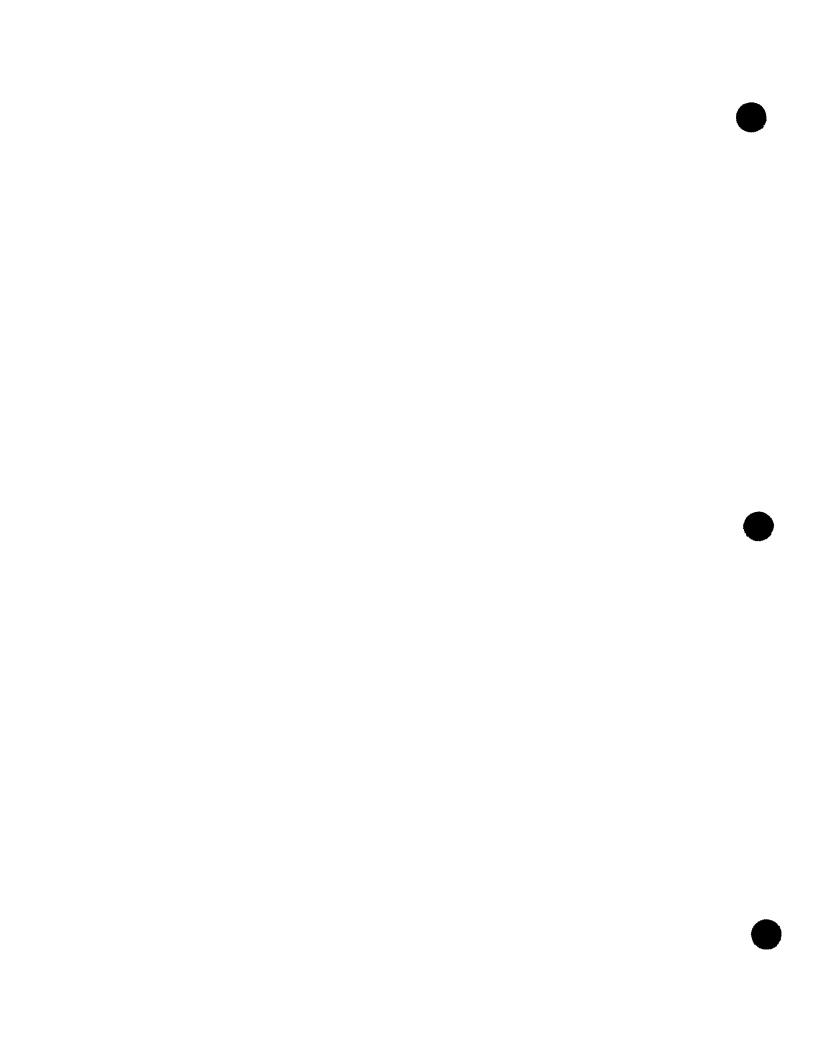
City of Tomball historical data was used to develop existing and projected requirements. As a Texas Pollutant Discharge Elimination System permit holder the City submits water quality discharge-monitoring reports (DMRs) to the TCEQ.

The following table quantifies DMR reported flows for the previous five years.

Historical Wastewater Treatment Plant Flows

	2008	2009	2010	2011	2012
North Wastewater Treatment Plant					
Annual Flow (MG)	231.0	216.1	195.3	177.4	203.3
Average Daily Flow (MGD)	0.633	0.592	0.535	0.486	0.557
Plant Capacity (MGD)	1.500	1.500	1.500	1.500	1.500
% of Total Plant Capacity Used	42.2%	39.5%	35.7%	32.4%	37.1%
South Wastewater Treatment Plant					
Annual Flow (MG)	305.1	290.5	276.7	292.4	346.8
Average Daily Flow (MGD)	0.836	0.796	0.758	0.801	0.950
Plant Capacity (MGD)	1.500	1.500	1.500	1.500	1.500
% of Total Plant Capacity Used	55.7%	53.1%	50.5%	53.4%	63.3%
Total Average Daily Flow (MGD)	1.469	1.388	1.293	1.287	1.507
INE	6472	6515	6540	6593	6654
Average Daily Flow per LUE (gpd)	227.0	213.0	197.7	195.2	226.5
Total Water Demand					
Annual Water Demand (MG)	774.19	790.40	709.13	922.72	823.20
Average Daily Demand (MGD)	2.121	2.165	1.943	2.528	2.255
% of Wastewater Treated vs Water Pumped	69.3%	64.1%	%9.99	%6.09	%8.99

For the purposes of this report, one Equivalent Single Family Connection (ESFC) equals one Living Unit Equivalent (LUE). For Years 2008 to 2012 the average daily flow per ESFC was 211.9 gpd of wastewater treatment.



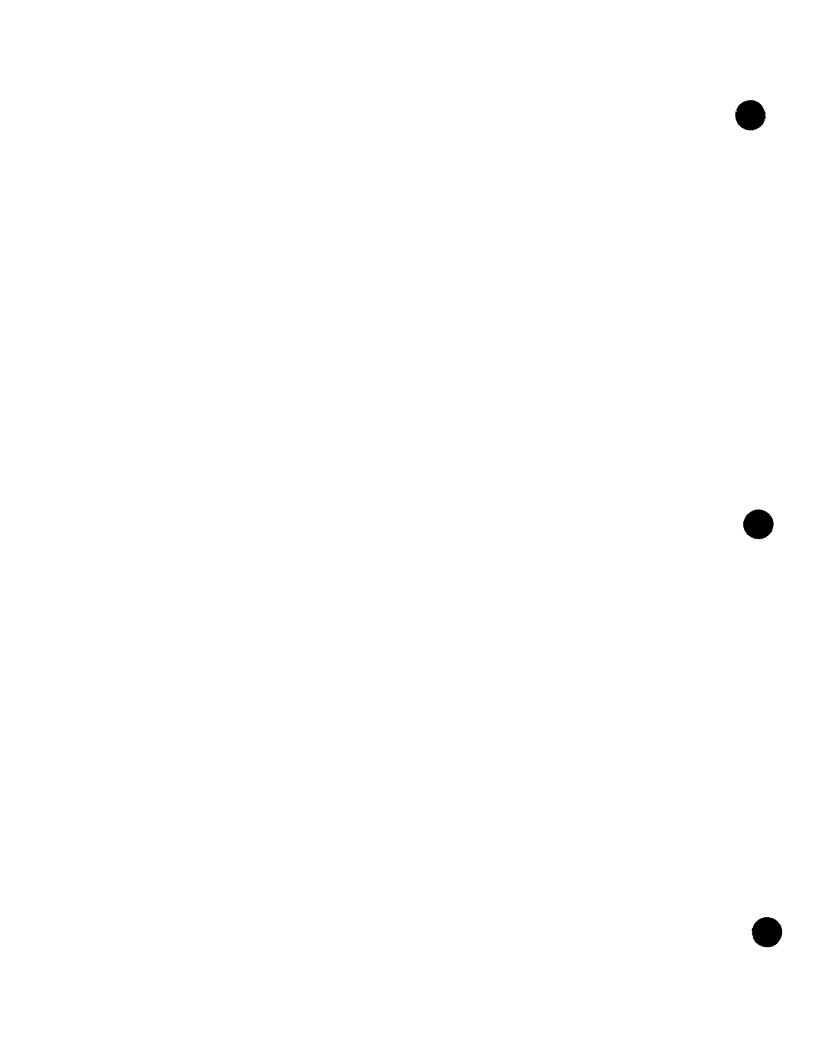
## State Design Criteria

The TCEQ maintains minimum standards for public wastewater treatment and collections systems. The criteria are contained in Chapter 317 of the TCEQ regulations titled "Design Criteria for Sewerage Systems". The following minimum standards were utilized to determine adequacy of the existing system and to size necessary improvements.

- Estimation of wet weather flows as 400 percent of average day flow rates (collection system).
- The layout of collection lines are placed to provide flexibility toward future land use changes and economic considerations.
- Maximum sewer capacities were calculated for pipes flowing full at not less than 2 feet per second using standard grades on Manning's formula with an assumed "n" factor of 0.013.
- In order to avoid under-designs, which can occur without long range planning, trunk lines sizes were based upon consideration of the size of an area and an allowance for full development. The interim improvements for the study period consider future growth and provide a base system for the ultimate improvements.
- Lift Station design to follow TCEQ Chapter 317 Design Criteria for Sewerage Systems § 317.3. Lift Stations
- STP design to follow TCEQ Chapter 317 Design Criteria for Sewerage Systems § 317.4. Wastewater Treatment Facilities
- STP Design flow is defined as the wet weather maximum 30-day average flow. Peak flow is defined as the highest two hour flow expected to be encountered under any operational conditions, including times of high rainfall (generally the two-year, 24-hour storm is assumed - 4.85inch for City of Tomball) and prolonged periods of wet weather. For new systems, the peak flow to average annual flow ratio is normally in the range between three and five to one, although other peaking factors may be warranted.
- Per TCEQ criteria an STP at 75% of flow capacity requires the design of a plant expansion, and an STP at 90% of flow capacity requires construction to commence on the expansion design.

# Adequacy of Existing Wastewater System

Based on the available City of Tomball 2012 data for existing Wastewater System conditions (6,654 conn at 1.507 MGD ADF), both Wastewater Treatment Plants, all Lift Stations, and Sanitary Sewer Collection facilities meet or exceed TCEQ minimum requirements.

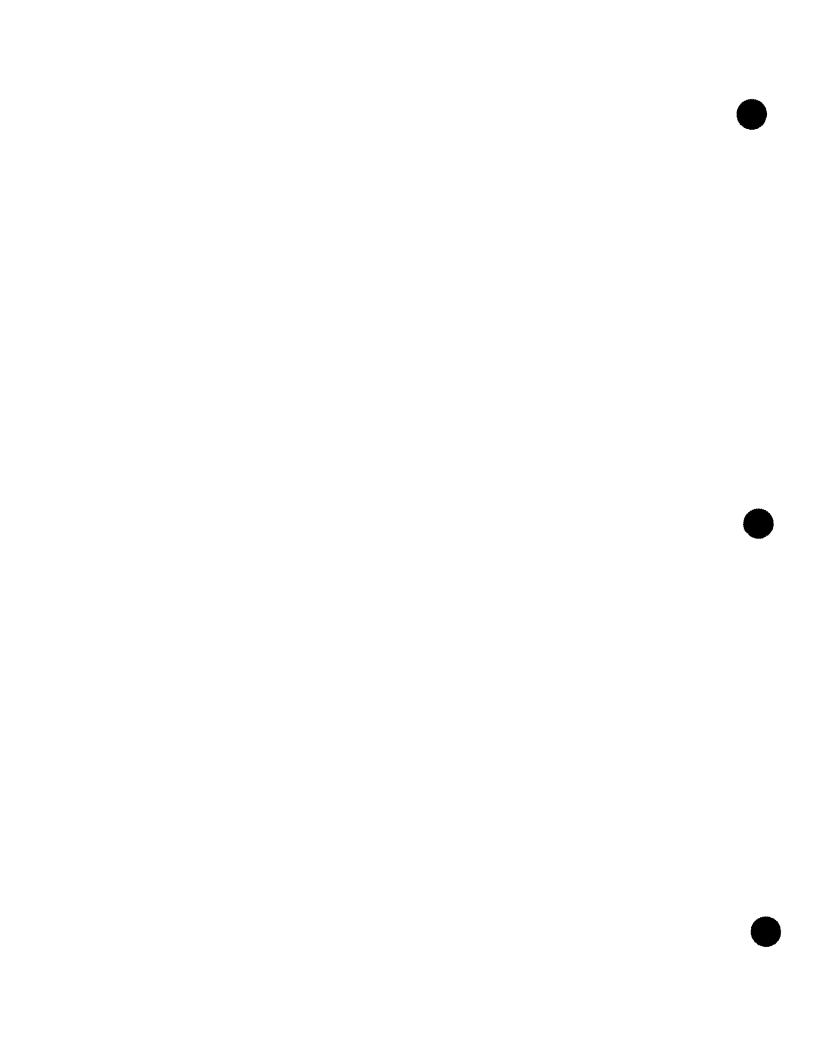


## Projected Improvements

To determine recommended wastewater system improvements, CLR analyzed historical data, TCEQ criteria, and projected wastewater flow through 2022. The recommended improvements include facilities in both the current City corporate boundary and in the ETJ necessary to serve the projected development area. Wastewater flow was projected to FY 2022, based on this report's earlier projection of the City of Tomball's annualized growth rate of approximately 1.7%, as shown in the following table. Wastewater Collection Average Daily Flow (ADF) is projected at 1.787 MGD for 7,874 connections for end of FY 2022. Wastewater flow projections based on historical flow per LUE is shown below.

	-	Proj	ected Was	tewater T	Projected Wastewater Treatment Plant Flows	lant Flow	y		and the state of t			
			and the state of t									
						Projected	Projected Averages					Coccasal
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2012-2022
Total Average Daily Flow (MGD)	1.507	1.536	1.562	1.589	1.616	1.643	1671	1 700	4 728	4 750	1 707	,
Case 1: Future LUEs reflect historical LUEs	Africante complete and debugger complete and debugger and							3	07/1	1./ 30	1./8/	0.280
EUL	6654	2929	6882	6669	7118	7239	7362	787	7644	77.40		,
Average Daily Flow per LUE (and)	226.5	227.0	227.0	0.700	0.200	200	700	104.)	<b>\$</b> 10)	7.43	18/4	1220
		0.133	0.122	0.122	0.722	227.0	227.0	227.0	227.0	227.0	227.0	
North Wastewater Treatment Plant			,			THE ACTION AND ADDRESS OF THE PARTY OF THE P						
Annual Flow (MG)	203.3	207.2	210.8	2143	218.0	224.7	225 5	0000	0 000			
Average Daily Flow (MGD)	0.557	0.57	0 58	0.50	2.0.0	1.1.77	6.622	6.622	733.7	237.1	241.1	37.8
Plant Canadiv (MCD)	1 500	1 500	3.5	60.0	0.00	0.01	79'0	0.63	0.64	0.65	99.0	0.10
Local spoons traditions of the	27.40	000.	nne.i	J.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	-
יייייייייייייייייייייייייייייייייייייי	37.1%	37.9%	38.5%	39.1%	39.8%	40.5%	41.2%	41.9%	45.6%	43.3%	44.0%	6.9%
South Wastewater Ireatment Plant						-	-					-
Annual Flow (MG)	346.8	353.5	359.5	365.6	371.8	378.1	384.6	391 1	307.7	404 5	444.0	0.10
Average Daily Flow (MGD)	0.950	0.97	96.0	1.00	1.02	104	1.05	4 07		2	C:   .	0.40
Plant Capacity (MGD)	1.500	1.500	1.500	1.500	1.500	1.500	1500	1500	1 500	1.11	1.13	0.18
% of Total Plant Capacity Used	63.3%	64.6%	65.7%	%8.99	%6.79	69.1%	70.2%	71.4%	72 6%	73 0%	75 10/	44 00/
			***************************************		-	4	7		2/2:1	0.0.0	8	0,0.1

However, the wastewater plants are normally designed for more flow per connection, as higher use is possible from future connections. Higher use is also possible from existing connections, without additional development (for example, higher occupancies in residences and hotels or changes in use of non-residential properties). The table that follows shows flow projections based on 300 gpd/LUE for existing and new development.

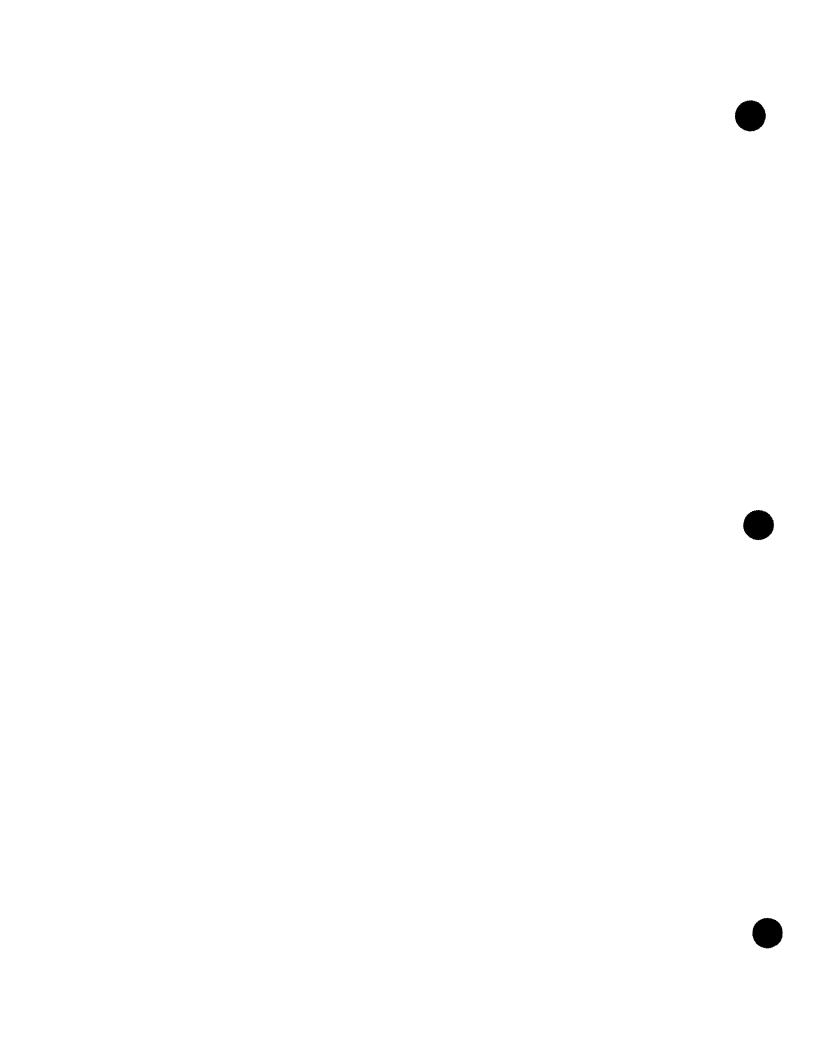


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AND THE PROPERTY OF THE PROPER		V2000.48			<b>-</b>			-	-		erionista e	
		liferor names				Projected	Projected Averages					
	2012	2013	2014	2015	2016	2017	2018	2040	0000	7000		Increase
							202	2013	0707	1202	2022	2012-2022
Total Average Daily Flow (MGD)	1.507	2.030	2.065	2.100	2 135	2 479	2 200	0700				
Case 2: Future LUEs at 300 gpd					3	711.7	607.7	7.240	7.284	2.323	2.362	0.855
FNE	6654	2929	6882	6669	7118	7239	7362	7487	7544	7740	7.00	
Average Daily Flow per LUE (gpd)	226.5	300.0	300.0	300 0	300.0	300.0	3000	101	+10/	(743	/8/4	1220
				2000	2000	300.0	300.0	300.0	300.0	300.0	300.0	
North Wastewater Treatment Plant	The state of the s											
Annual Flow (MG)	203.3	273.9	278.5	283.3	288.1	202.0	0 000	0 000			-	
Average Daily Flow (MGD)	0.557	0.75	0.78	0.70		630.0	730.0	303.0	308.2	313.4	318.7	115.4
Dlant Arcan Charle	4 500	902		00	6/10	0.80	0.82	0.83	0.8 78.0	0.86	0.87	0.32
(UDM) (Washington Inc.)	000.1	000.	006.1	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	
South Westmann Teach Indian Capacity Used	37.1%	20.0%	20.9%	51.7%	52.6%	53.5%	54.4%	55.3%	56.3%	57.2%	58.2%	21.1%
Coort Master Heattheat Figure						Authority as you		******		,		
Annual Flow (MG)	346.8	467.2	475.1	483.2	491.4	499.7	508.2	5160	525 Å	E94 E	0000	0.007
Average Daily Flow (MGD)	0.950	1.28	1.30	1.32	1.35	1.37	1 30	1.42	111	0.4.0	0.550	3.0.8
Plant Capacity (MGD)	1.500	1.500	1.500	1.500	1.500	1500	1 500	1 500	<b>‡</b>	04.1	1.48	0.54
% of Total Plant Capacity Used	63.3%	85.3%	86.8%	88 3%	/00 O8	700	200	000:-	000.1	000.1	006.1	_
The state of the s	Participation of States of		2000	00.0	02:070	91.3%	92.8%	94.4%	%0.96	%9'.26	99.3%	36.0%

When both existing Wastewater Treatment Plants are evaluated against TCEQ minimum requirements for both 2022 Projected Wastewater System conditions (7,874 connections at 1.787 MGD and 2.362 MGD), facilities meet or exceed TCEQ minimum requirements.

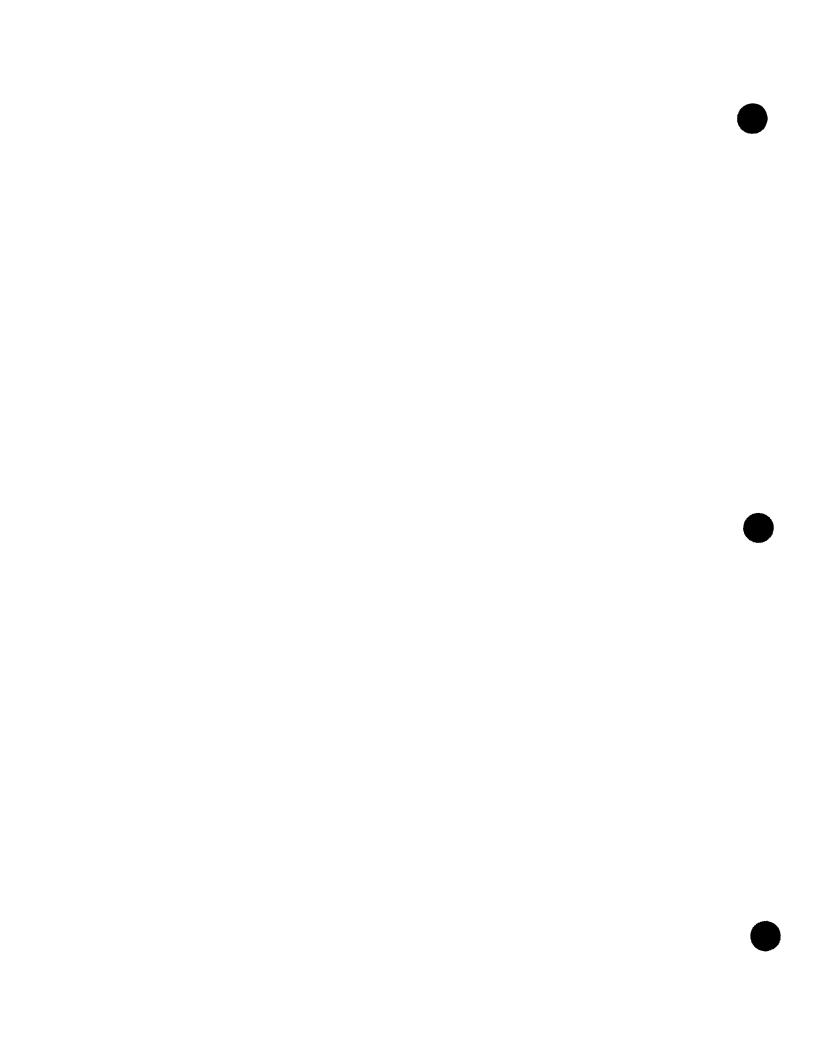
The South Wastewater Treatment Plant is expected to exceed 75% of flow capacity (1.125 MGD) during the ten year period, requiring the design of a plant expansion in accordance with TCEQ regulations. The TCEQ requires that facilities begin engineering and financial plans once flows reach 75% of a facility and require construction to begin once flows reach 90%.

Wastewater Treatment Plant expansion cost estimate amounts to \$4.20M. Since the expected new development from 2012 to 2022 is not expected For this reason, included in the Master Infrastructure Plan is a 0.5 MGD expansion. With contingencies, engineering, and surveying, the total to use this capacity, this cost is not included in the maximum impact fee calculation.



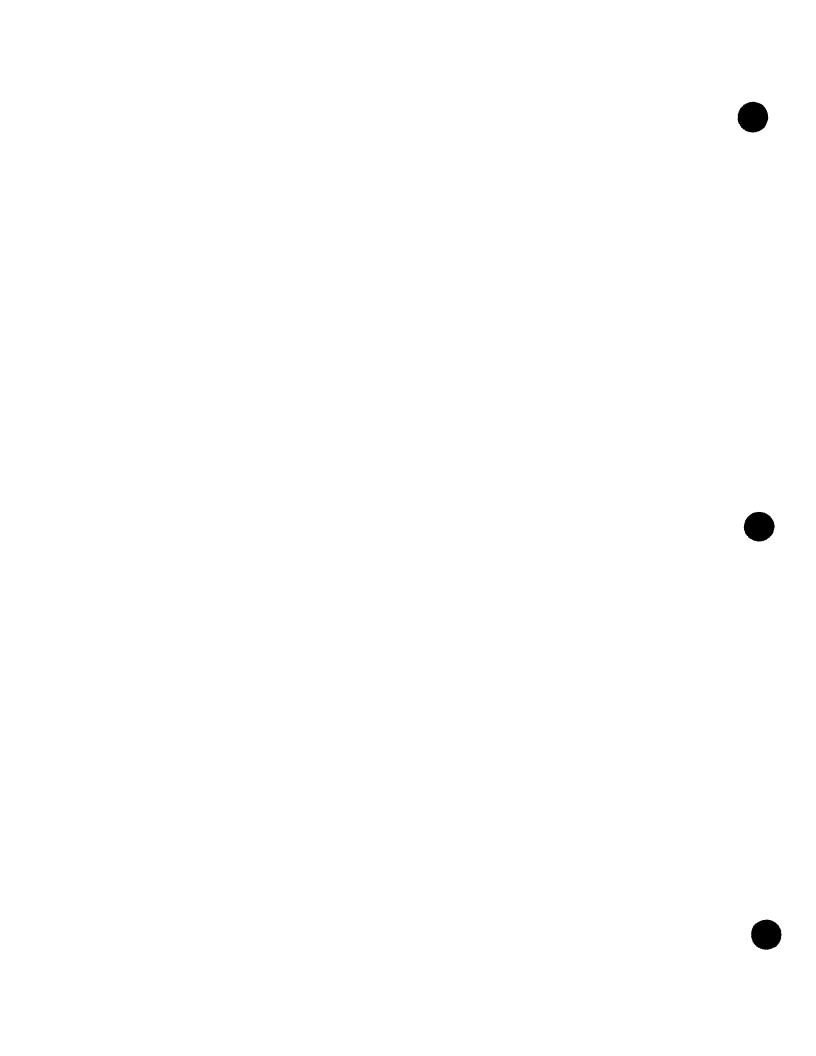
Projected development may also overload existing lift stations. Individual lift station demand vs capacity will have to be monitored to determine when pump or wet well upgrades are needed or required. Three new lift stations are included in the Capital Improvement Plan (CIP) cost estimate table for wastewater collection lines. To meet projected needs, the City will require additional sanitary sewer collection lines to serve developing areas. The following table provides a summary of the projected wastewater collection system demands, for end of FY 2022 with estimated loads distributed utilizing land use and density projections. The 15.7 mile total of additions represents a 19.7% increase in the wastewater collection network. Estimated future wastewater collection system costs in 2013 dollars, amount to \$13.5M.

Sanitary Sewer Unit Cost Data used to calculate the 10-year Wastewater Collection System CIP costs can be found in APPENDIX C. Costs do not include allowances for private crossings (RR or pipeline), legal or fiscal costs, or right of way acquisition costs.

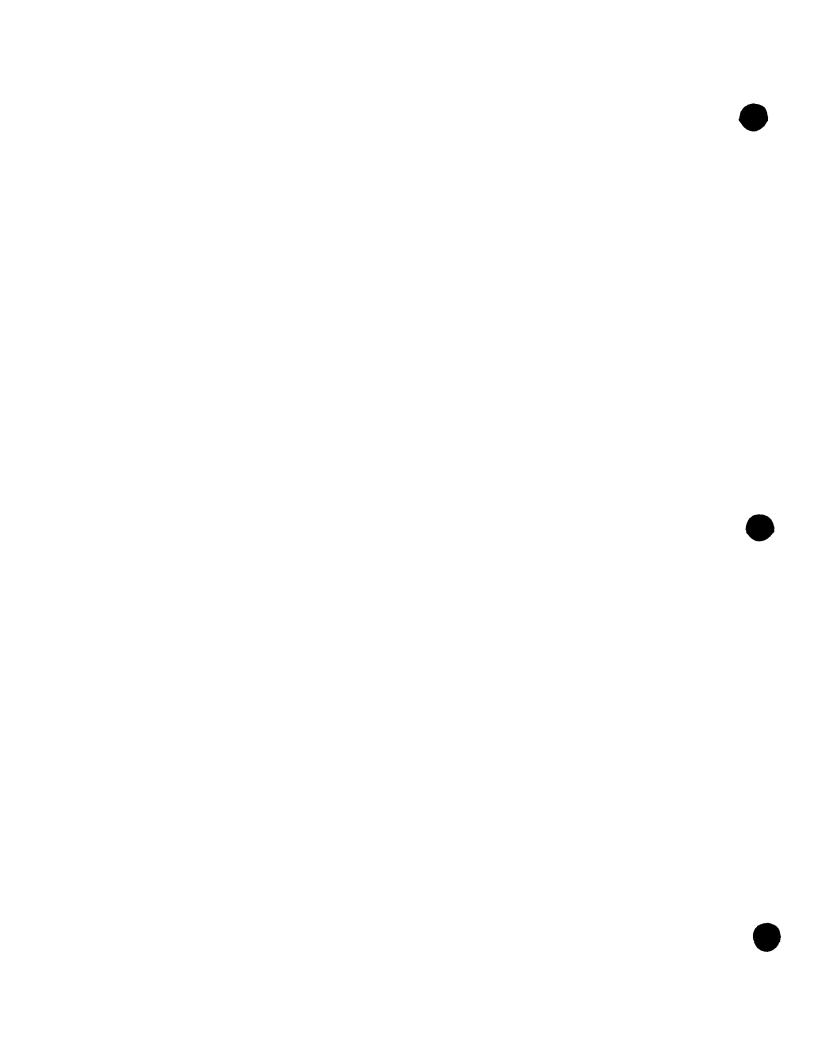


# Future Wastewater Collection System Projects, 2012 to 2022

		Priority (1) Quantity Units	Quantity	Units	Unit Cost (2)	Total Cost
-	18-inch Gravity Sanitary Sewer along Zon Road from Neal Street to Cabotway Road	-	2,600	=	(2) DO (CC)	\$577.200.00
2	18-inch Gravity Sanitary Sewer along E. Hufsmith Road from existing 36-inch line to Zon Road	2	3 000	1	6000	9005 000 00
3	12-inch Gravity Sanitary Sewer along F.M. 2978 from north of F.M. 2920 to Dement Road	2	8 5	3   4	\$445 00	\$660,600.UU
4	12-inch Gravity Sanitary Sewer along F.M. 2978 north of Dement Road	4	3	5 5	\$142.00 \$110.00	\$198,800.00
5	Brich Gravity Saniary Sawar along I land I and them Links	7	3,000	5	\$142.00	\$511,200.00
9	(Rinch Cravity Carine along D. D. C.	2	2,000	5	\$92.00	\$184,000.00
2	Period of a vine of the series and so a resumment of the form Agg Road to Holderieth Road	က	5,600	<u>5</u>	\$222.00	\$1,243,200.00
	Identity Grantary Sewer along S. Persimmon Street north of Agg Road	က	3,600	<b>5</b>	\$142.00	\$511,200,00
<b>o</b> 0	72-Inch Gravity Sanitary Sewer along S. Pitchford Road and Agg Road to S. Persimmon Street	3	4,700	5	\$142.00	\$667,400,00
٠	18-Inch Gravity Sanitary Sewer along Calvert Road and Alice Road from F.M. 2920 to SH 249	က	8,100	5	\$222.00	\$1 798 200 00
	15-inch Gravity Sanitary Sewer along Zon Road and E. Hufsmith Road from Cabotway Road to Stanolind Rd	3	2.600	41	\$182.00	\$473 200 00
	Pinch Gravity Santary Sewer along Ulrich Road	3	3,500	1	\$92.00	\$322,000,00
	Ginch Force Main along Ulrich Road	3	3.600	4	\$62.00	\$223 200 00
1	Lift Station at the end of Ulrich Road (Design Flow = 375 gpm)	3	1	8	\$400,000,00	\$400,000,00
	Anch Gravity Sanitary Sewer along Agg Road east of Mulberry Street	3	1 300	3 4	\$40 DU	\$110 BOO DO
	12-inch Gravity Sanitary Sewer along E. Hufsmith Road from Stanolind Road across F.M. 2978	4	1600	<u> </u>	\$142.00	\$227.200.00
	10-inch Gravity Sanitary Sewer along Quinn Road	4	4 000	<u> </u>	\$112.00	6440 000 00
	6-inch Force Main along Quinn Road	4	4 200	<u> </u>	\$62 M	\$260 400 00
	Lift Station at the end of Quinn Road (Design Flow = 430 gpm)	7	1	<u> </u>	\$400 000 00	\$400,000,00
19	10-inch Gravity Sanitary Sewer along the Future Medical Complex Drive west of Cherry Street		. 60	3 4	#140,000.00	#400,000.00
8	8-inch Gravity Sanitary Sewer along the Future Medical Complex Drive west of School Street		3 5		\$112.W	\$207,600.00
7		-	3 6	5 !	99Z.W	\$101,200.00
22	18-inch Gravity Sanitary Sewer alonn Park Road from EM 2020 to Decay Decay	4	₹,	- -  -	\$92.00	\$110,400.00
1	15 July Carity, Carity, Carity Park Day 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	4	4,500	<u>"</u>	\$222.00	\$999,000.00
	Collection Crawing Sealing States and Brown Road from Park Road to Orchard Grove Drive	4	5,200	<u>"</u>	\$182.00	\$946,400.00
	Onice Main along Brown Road from Orchard Drive to Park Road	4	5,200	5	\$72.00	\$374.400.00
1	Lift Station at Brown Road and Orchard Grove Drive (Design Flow = 1,000 gpm)	4	-	SI	\$550,000,00	\$550 000 00
1	Pinch Gravity Sanitary Sewer along Rudolph Road north of E. Hufsmith Road	4	1,200	-    5	\$92.00	\$110.400.00
	Winch Gravity Sanitary Sewer along Rudolph Road south of Zon Road	5	2.400	4	\$92.00	\$220,800,00
1	10-inch Gravity Sanitary Sewer along the Future Med Complex east of Hufsmith-Kohrville Road	5	2,200	- 5	\$112.00	\$246,400,00
+	Brinch Tomball Cemetery Rd north of FM 2920	9	1.000	5	\$92.00	\$92 000 00
S	10-inch Gravity Sanitary Sewer along Spell Road from S Persimmon to FM 2978	9	1,00	5	\$112.00	\$112,000,00
	(1) Priority Rating of 1 is highest priority and 5 is lowest priority		83,100	ဒီ	Construction Total	\$13.495.200.00
=	(2) Unit Price tor Gravity Sanitary Sewer Includes Manhales	-	-	designation of the spinster,		



### APPENDIX E TCEQ Inspection Reports



Bryan W. Shaw, Ph.D., P.E., Chairman Toby Baker, Commissioner Zak Covar, Commissioner Richard A. Hyde, P.E., Executive Director

### TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution .

April 17, 2015

The Honorable Gretchen Fagan Mayor of Tomball 501 James Street Tomball, Texas 77375

Re: Compliance Evaluation Investigation at:

City of Tomball North Wastewater Treatment Plant

615 East Huffsmith, Harris County, Texas

TCEQ ID No.: WQ0010616001, EPA ID No.: TX0022381

### Dear Mayor Fagan:

On February 17, 2015, Ms. Christi Torres of the Texas Commission on Environmental Quality (TCEQ) Houston Region Office conducted an investigation of the above-referenced facility to evaluate compliance with applicable requirements for water quality. No violations are being alleged as a result of the investigation; however, please see the enclosed Area of Concern and Additional Issues.

The TCEQ appreciates your assistance in this matter and your compliance efforts to ensure protection of the State's environment. If you or members of your staff have any questions regarding these matters, please feel free to contact Ms. Christi Torres in the Houston Region Office at phone number 713-767-3774.

Sincerely,

Barbara Sullivan

Team Leader

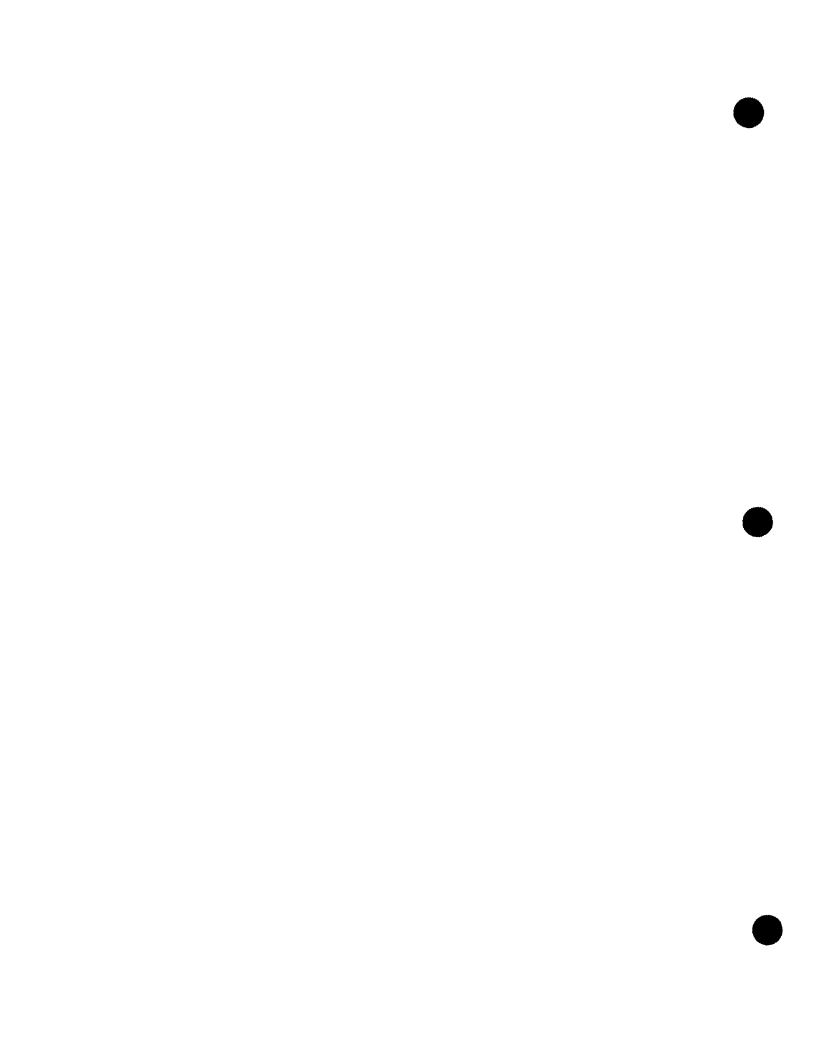
Water Quality Management

Region 12 Houston

BSS/CHT/ci

Enclosure: Summary of Investigation Findings

Bypass for City of Tomball North Wastewater Treatment Plant



### Summary of Investigation Findings

CITY OF TOMBALL NORTH WASTEWATER TREATMENT PLANT Investigation #

615 E HUFSMITH RD

1227718 Investigation Date: 02/17/2015

TOMBALL, HARRIS COUNTY, TX 77375

Additional ID(s): TX0022381

WQ0010616001

### AREA OF CONCERN

Track No: 566461

30 TAC Chapter 305.125(5)

Alleged Violation:

Investigation: 1227718

Comment Date: 04/07/2015

Failed to test the reduced-pressure principal backflow prevention assembly (RPBA) annually. Specifically, it was determined the RPBA had not been tested in the past year.

Recommended Corrective Action: Each RPBA must be tested annually. Submit a passing test certificate for the RPBA.

Resolution: On February 25, 2015, documentation was submitted indicating the alleged violation has been resolved.

### ADDITIONAL ISSUES

### Description

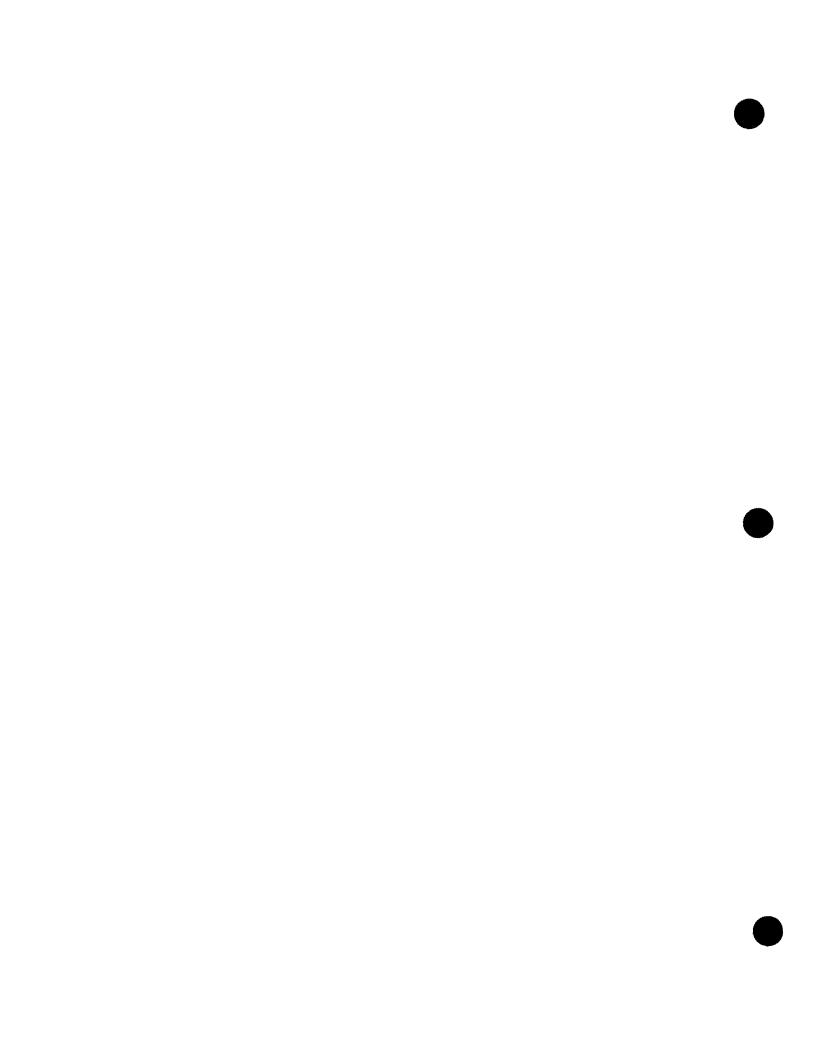
Have unauthorized discharges occurred at last CCI?

is the regulated entity compliant with the self-monitored effluent limitations?

### **Additional Comments**

There has been one unauthorized discharge the plant or in the collection system since the reported in the past 18 months which was due to a grease blockage. See attached bypass report.

> One effluent violation was reported in the past 12 months which was an exceedance of the daily average and daily max of total copper in December 2014. See attached ISIS data.



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	nd/or Records B	T cm ion ion	TCEQ Add. ID No.	KN No. (optional)		Comprehence	400 S	101-15-1-65	
	ORM: Pot al Violations and/or Records Beginstad		1 1000	エーンの	Purpose of Investigation	Total and the control of the control	Telephone No.		Fax No.
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F		Regulated Entity (City No	regulated Entity/Site (vame	Investigation Type	esterior Type	Regulated Entity Contact		Title	

NOTICE: The information provided in this form is intended to provide clarity to issues that have arisen during the investigation process between the TCEQ and the regulated entity named above and does not represent final TCEQ findings related to violations. Any potential or alleged violations discovered after the date on this form will be communicated by telephone to the regulated entity representative prior to the issuance of a notice of violation or enforcement. Conclusions drawn from this investigation, including additional violations or potential violations discovered (if any) during the course of this investigation, will be documented in a final investigation report.

-			TOOL THE
<u> </u>	Issue	For Records Request: identify the necessary records, the composer Alleged and Potential Violation issues: include the rule in	ls, the company contact and date due to the agency.
No.	Type	<del> </del>	Rule Citation (if known)
/	C	, O	Description of Issue
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		Und saft to par	Une sept reported violation on DMR-Dec 2014
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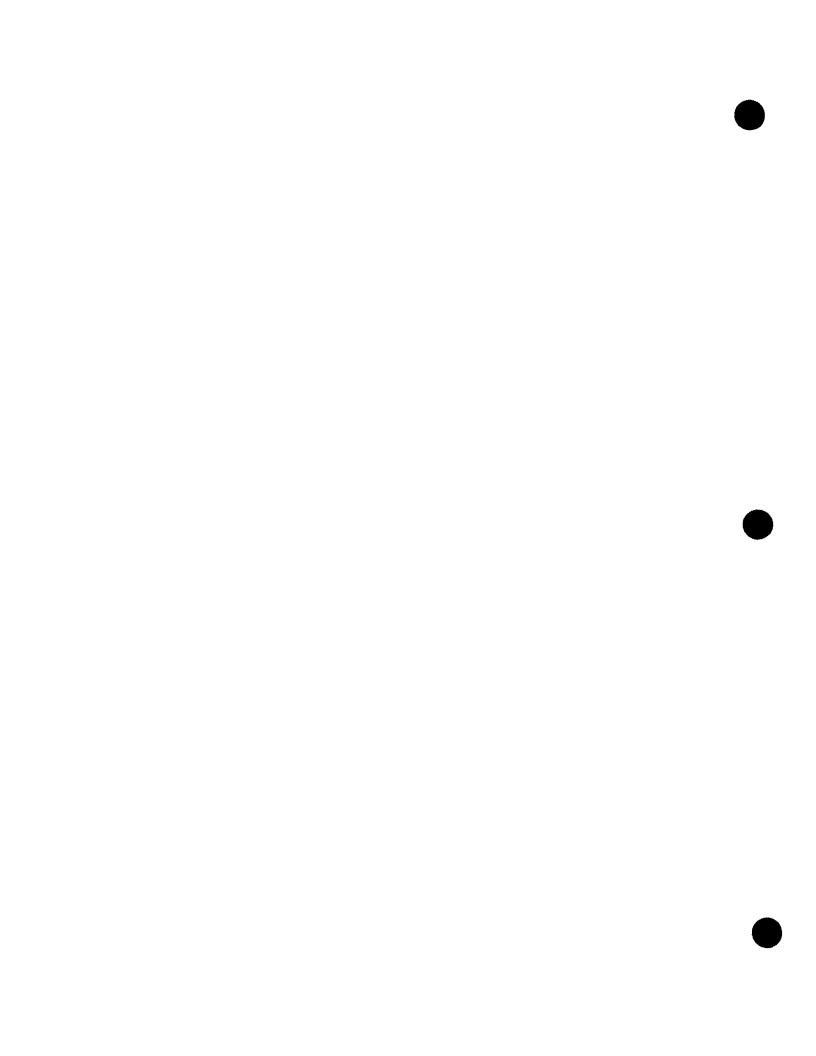
Issue Type Can Be One or More of: AV (Alleged Violation), PV (Potential Violation), O (Other), or RR (Records Request)

Document Acknowledgment. Signature on this document establishes only that the regulated entity (company) representative received a copy of this document and associated continuation pages on the date noted. If contact was made by telephone, document will be faxed to regulated entity, the

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Investigator Name (Signed & Printed)	-	Comment of the line	512/2
	Date	Regulated Entity Representative Name (Signed & Printed)	
If you have questions about any information on this form, please contest war had a remain		(Dallita or Barger	Date.
ndividuals are entitled to request and review their negocial information of the control of the c	regional Office.		
de la company de	on its forms. They may also have any errors in their is		
White Copy: Regulated Entity Representative Yellow Conv. TCEO		intollilation corrected. To review such information, call 512.	2-239-3282

White Copy: Regulated Entity Representative TCEG-20085 (Rev 6/07)

of



### clare Towards NQ 00 10616-001 -6-5 Date Contacted TCEQ EXIT INTERVIEW FORM: Pote I Violations and/or Records Requested 100 Purpose of Investigation On THE LENGINE TCEQ Add. ID No. R.N No. (optional) Telephone No. of Tomball - Novym Fay No. Contact Made In-House (V/N) WAR MIKE SIPPINITIONS しつつ Regulated Entity/Site Name Regulated Entity Contact Investigation Type

NOTICE: The information provided in this form is intended to provide clarity to issues that have arisen during the investigation process between the TCEQ and the regulated entity named above and does not represent final TCEQ findings related to violations. Any potential or alleged violations discovered after the date on this form will be communicated by telephone to the regulated entity representative prior to the issuance of a notice of violation or potential violations or potential violations discovered (if any) during the course of this investigation, will be documented in a final investigation report.

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More of: AV (Alleged Violation), PV (Potential Violation), O (Other), or RR (Records Request)

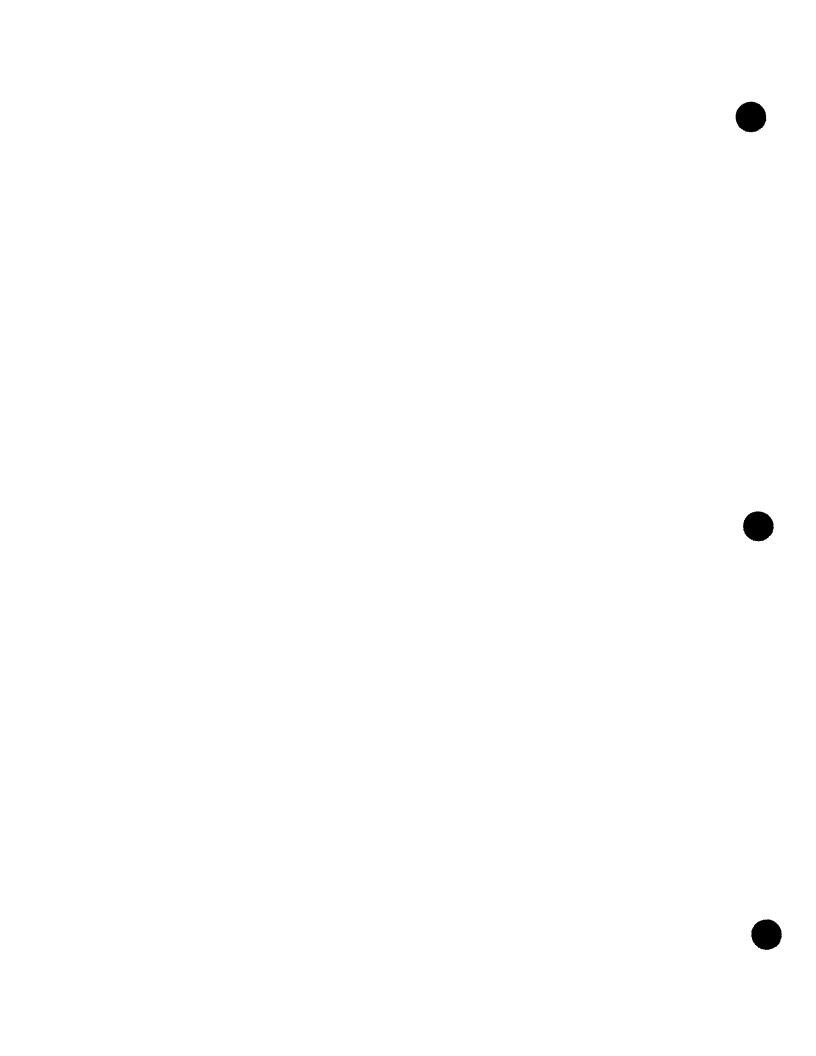
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Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, call 512-239-3282. lf you have questions about any information on this form, please contact your local TCEQ Regional Office.

Yellow Copy: TCEQ ICEQ-20085 (Rev. 6/07)



Bryan W. Shaw, Ph.D., P.E., Chairman Toby Baker, Commissioner Zak Covar, Commissioner Richard A. Hyde, P.E., Executive Director



### TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

April 17, 2015

The Honorable Gretchen Fagan Mayor of Tomball 501 James Street Tomball, Texas 77375

Re:

Compliance Evaluation Investigation at:

City of Tomball South Wastewater Treatment Plant

12411 Holderrieth, Harris County, Texas

TCEQ ID No.: WQ0010616002, EPA ID No.: TX0117595

### Dear Mayor Fagan:

On February 17, 2015, Ms. Christi Torres of the Texas Commission on Environmental Quality (TCEQ) Houston Region Office conducted an investigation of the above-referenced facility to evaluate compliance with applicable requirements for water quality. No violations are being alleged as a result of the investigation; however, please see the enclosed Areas of Concern and Additional Issue.

The TCEQ appreciates your assistance in this matter and your compliance efforts to ensure protection of the State's environment. If you or members of your staff have any questions regarding these matters, please feel free to contact Ms. Christi Torres in the Houston Region Office at phone number 713-767-3774.

Sincerely,

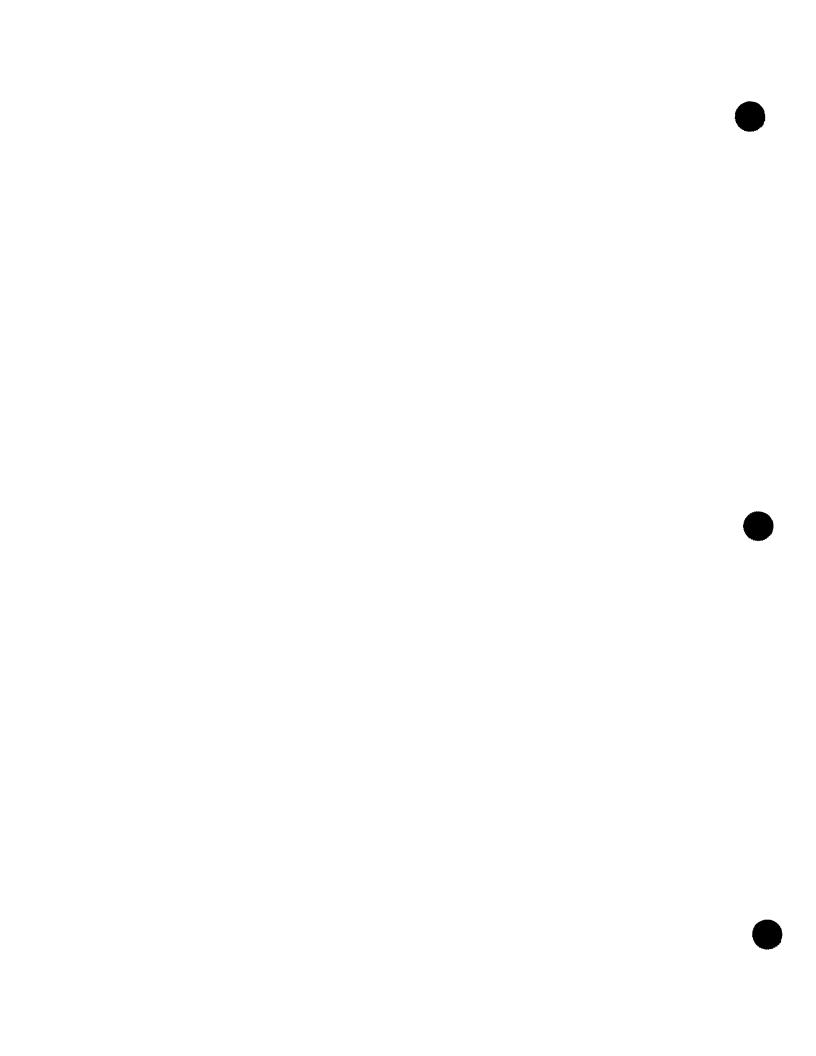
Barbara Sullivan Team Leader

Water Quality Management

Region 12 Houston

BSS/CHT/ci

Enclosure: Summary of Investigation Findings



### Sum ary of investigation Findings 12 12 12

CITY OF TOMBALL SOUTH WWTP

Investigation #

1227708 Investigation Date: 02/17/2015

, HARRIS COUNTY,

Additional ID(s):

WQ0010616002

TX0117595

### A THE TAX TO A TAX TO

Track No: 566462

30 TAC Chapter 305.125(1)

PERMIT WQ0010616002, Monitoring and Reporting Require, No. 5

Monitoring and Reporting Requirements, No. 5, pg. 6

Alleged Violation:

Investigation: 1227708

Comment Date: 04/16/2015

Failed to ensure flow measurement accuracy. Specifically, the flow measurement accuracy check performed during the investigation revealed a staff gauge reading of 3.52 inches (0,7589 MGD) and a flow meter reading of 0.841 MGD.

Recommended Corrective Action: The flow meter shall be accurately calibrated by a trained person at plant start-up and as often thereafter as necessary to ensure accuracy, but not less often than annually. Submit documentation indicating that the flow meter has been accurately calibrated.

Resolution: On March 2, 2015, documentation was submitted indicating the alleged violation has been resolved.

Track No: 566463 30 TAC Chapter 319.1

Alleged Violation:

Investigation: 1227708

Comment Date: 04/14/2015

Failed to accurately complete the discharge monitoring reports (DMRs). Specifically, total chlorine residual for September 2014 was reported incorrectly as 2.56 mg/L. The correct value was 2.33 mg/L.

Recommended Corrective Action: All effluent data must be accurately reported on all DMRs. Correct and resubmit the DMRs for September 2014 to the Region 12 Office and the Enforcement Division (MC 224).

Resolution: On February 18, 2015, documentation was submitted indicating the alleged violation has been resolved.

Track No: 566464

30 TAC Chapter 305,125(5)

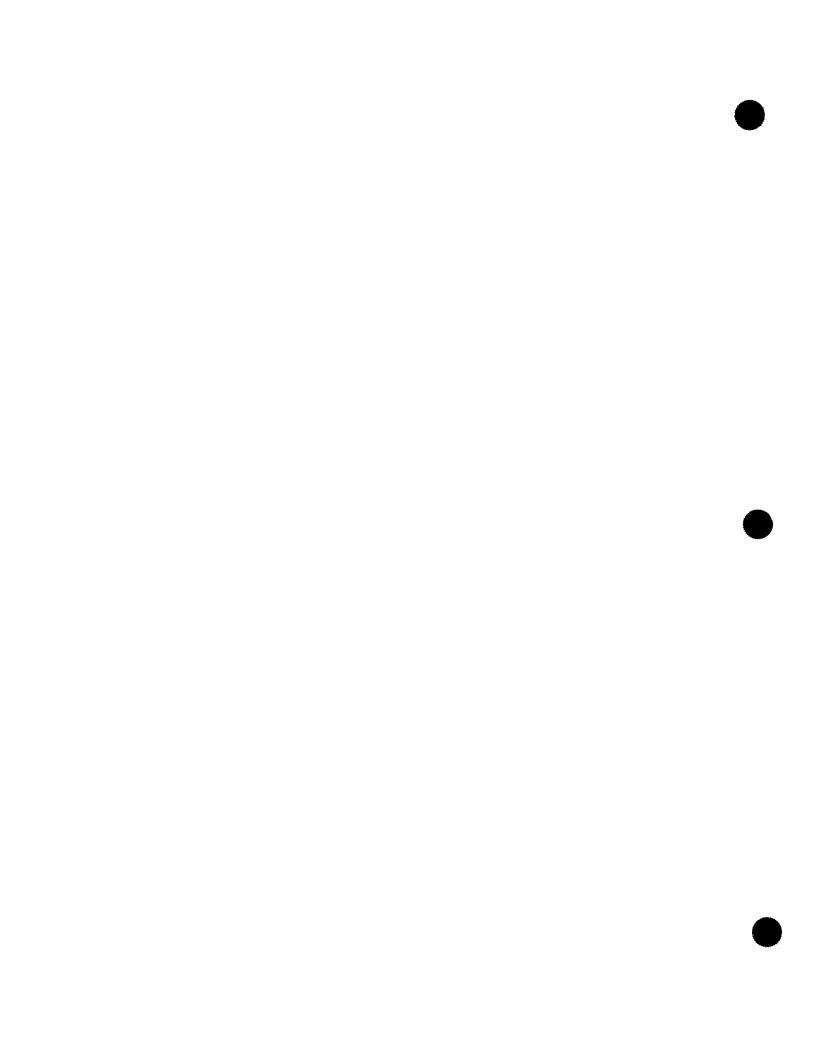
Alleged Violation:

Investigation: 1227708

Comment Date: 04/07/2015

Failed to maintain the required number of operational blowers. Specifically, the facility has two blowers located on-site with only one needed to provide adequate air to the oxidation ditch. Although, a back-up blower is located on-site it was not working at the time of the inspection.

Recommended Corrective Action: The blowers shall be designed so that the maximum design air requirements can be met with the largest single unit out of service. Submit documentation indicating that the back-up blower has been repaired or replaced.



Resolution: On March 2,

15, documentation was submitted indicating

alleged violation

has been resolved.

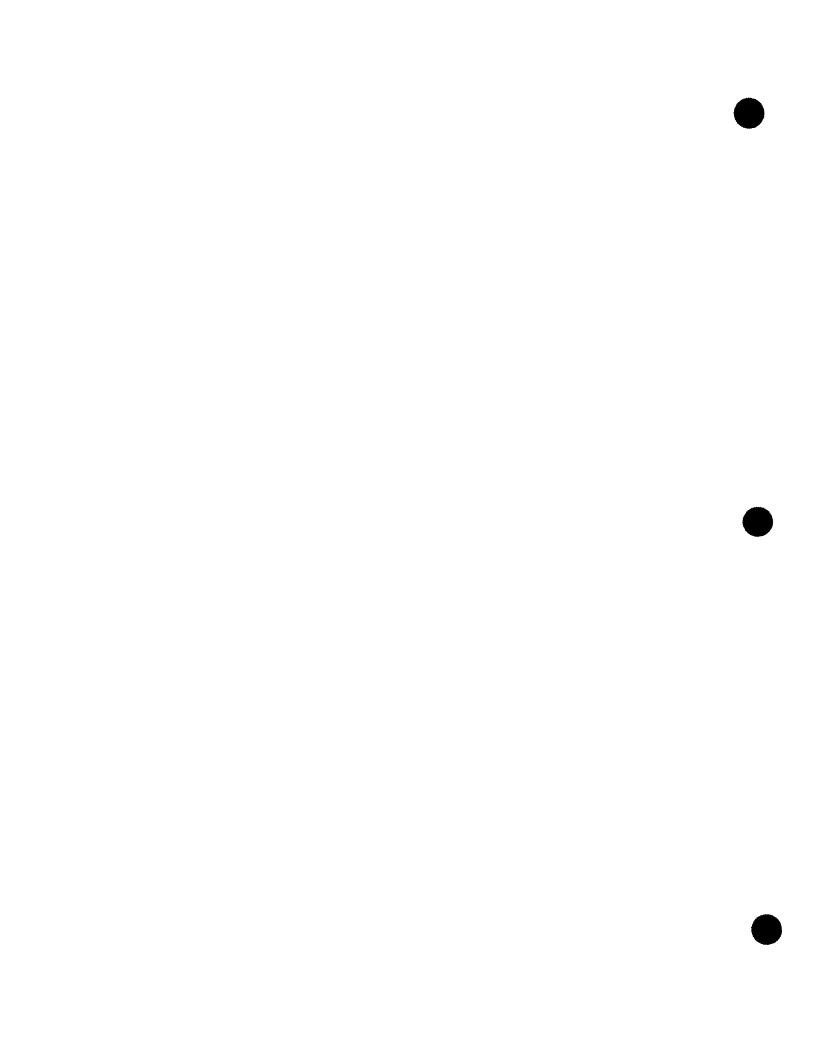
### THE ASSESSMENT OF REAL PROPERTY OF REAL

### Description

Is the regulated entity compliant with the self-monitored effluent limitations?

### **Additional Comments**

Two effluent violations were reported in the past 12 months. An E. coli violation of 317 CFU/100mL that exceeded the daily max of 200 CFU/100mL in December 2014 and an ammonia nitrogen violation of 9.21 mg/L which exceeded the daily max of 7 mg/L in April 2014 were the violations reported.



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NOTICE: The information provided in this form is intended to provide clarity to issues that have arisen during the investigation process between the TCEQ and the regulated entity named above and does not represent final TCEQ indings related to violations. Any potential or alleged violations discovered after the date on this form will be communicated by telephone to the regulated entity representative prior to the issuance of a notice of violation or inforcement. Conclusions drawn from this investigation, including additional violations or potential violations discovered (if any) during the course of this investigation, will be documented in a final investigat

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Issue Type Can Be One or More of: AV (Alleged Violation), PV (Potential Violation), O (Other), or RR (Records Request)

Did the TCEQ document the regulated entity named above operating without proper

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Document Acknowledgment. Signature on this document establishes only that the regulated entity (company) representative received a copy of this document and associated continuation pages on the date noted. If contact was made by telephone, document will be faxed to regulated entity; therefor

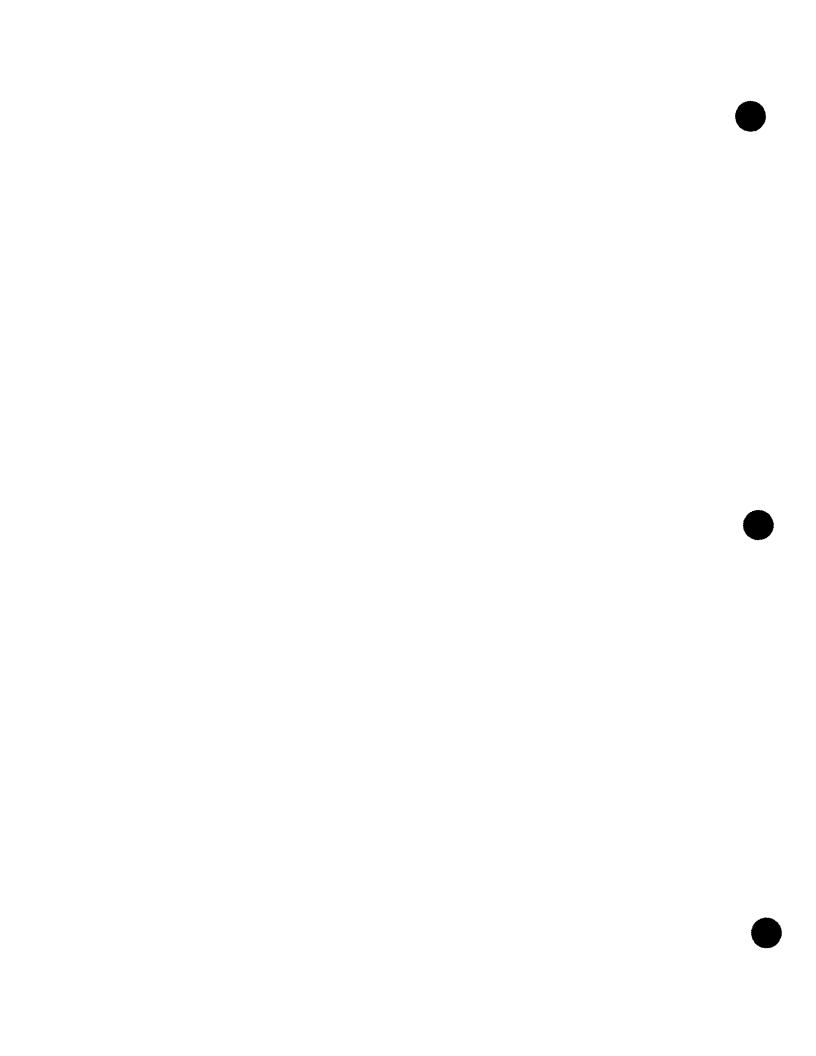
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ndividuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, call 512-239-3282, you have questions about any information on this form, please contact your local TCEQ Regional Office.

Yellow Copy: TCEQ 3EQ-20085 (Rev. 6/07)

(Note: Use additional pages as necessary) Page\_

Date



Bryan W. Shaw, Ph.D., P.E., Chairman Toby Baker, Commissioner Jon Niermann, Commissioner Richard A. Hyde, P.E., Executive Director





### TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

December 8, 2015

### CERTIFIED MAIL #7013 3020 0000 9763 1574 RETURN RECEIPT REQUESTED

The Honorable Gretchen Fagan, Mayor City of Tomball 501 James St. Tomball, Texas 77375-4623

Re: Notice of Violation for the Comprehensive Compliance Investigation at:

City of Tomball, 802 South Pine St., Tomball, Harris County, Texas

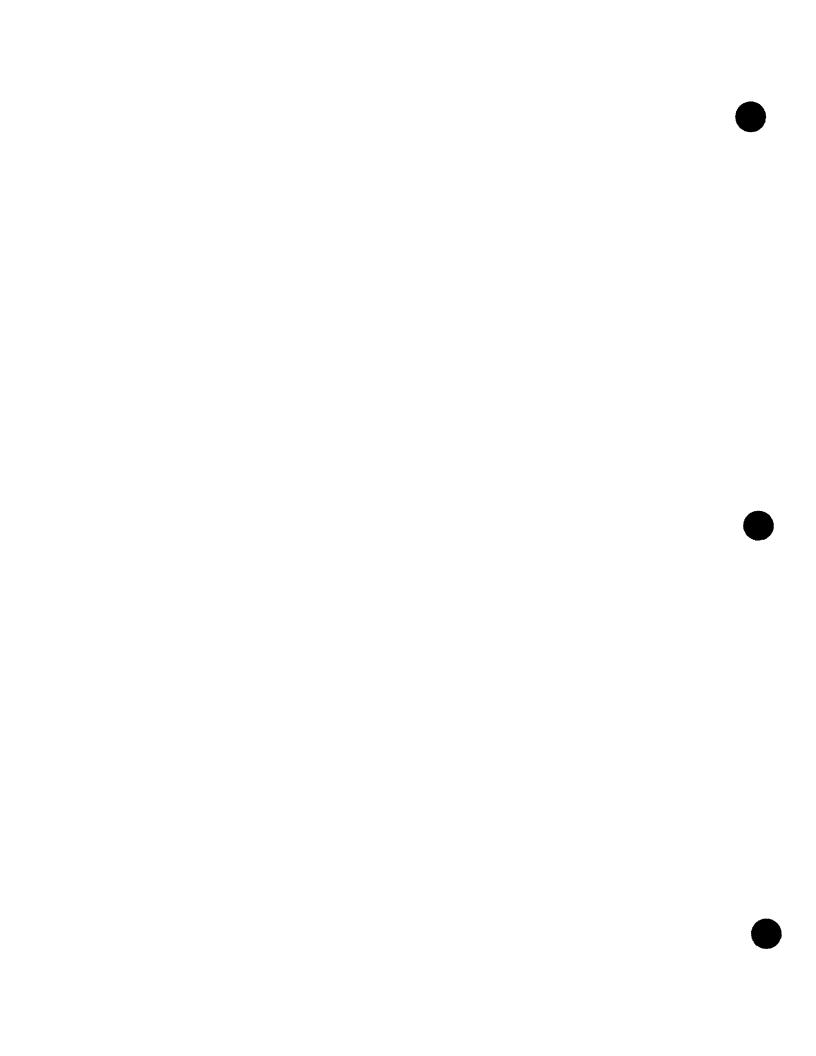
Regulated Entity No.: 101226694, TCEQ ID No.: 1010026, Investigation No.: 1287738

### Dear Mayor Fagan:

On November 4, 2015 through November 20, 2015, Ms. Sharon Salinas of the Texas Commission on Environmental Quality (TCEQ) Houston Region Office conducted an investigation of the above-referenced regulated entity to evaluate compliance with applicable requirements for Public Water Supply. Enclosed is a summary which lists the investigation findings. During the investigation, a certain outstanding alleged violation was identified for which compliance documentation is required. Please submit to this office by March 18, 2016, a written description of corrective action taken and the required documentation demonstrating that compliance has been achieved for the outstanding alleged violation.

In the listing of the alleged violation, we have cited applicable requirements, including TCEQ rules. Please note that both the rules themselves and the agency brochure entitled *Obtaining TCEQ Rules* (GI 032) are located on our agency website at <a href="http://www.tceq.texas.gov">http://www.tceq.texas.gov</a> for your reference. If you would like a hard copy of this brochure mailed to you, you may call and request one from either the Houston Region Office at (713) 767-3650 or the Central Office Publications Ordering Team at (512) 239-0028.

The TCEQ appreciates your assistance in this matter. Please note that the Legislature has granted TCEQ enforcement powers which we may exercise to ensure compliance with environmental regulatory requirements. We anticipate that you will resolve the alleged violation as required in order to protect the State's environment. If you have additional information that we are unaware of, you have the opportunity to contest the violation documented in this notice. Should you choose to do so, you must notify the Houston Region Office within 10 days from the date of this letter. At that time, PWS Team Leader Ms. Julia Thorp, will schedule a violation review meeting to be conducted within 21 days from the date of this letter. However, please be advised that if you decide to participate in the violation review process, the TCEQ may still require you to adhere to the compliance schedule included in the attached Summary of Investigation Findings until an official decision is made regarding the status of the contested violation.



Ms. Gretchen Fagan, Mayor December 8, 2015 Page 2

If you or members of your staff have any questions, please feel free to contact Ms. Sharon Salinas in the Houston Region Office at (713) 767-3650.

Sincerely,

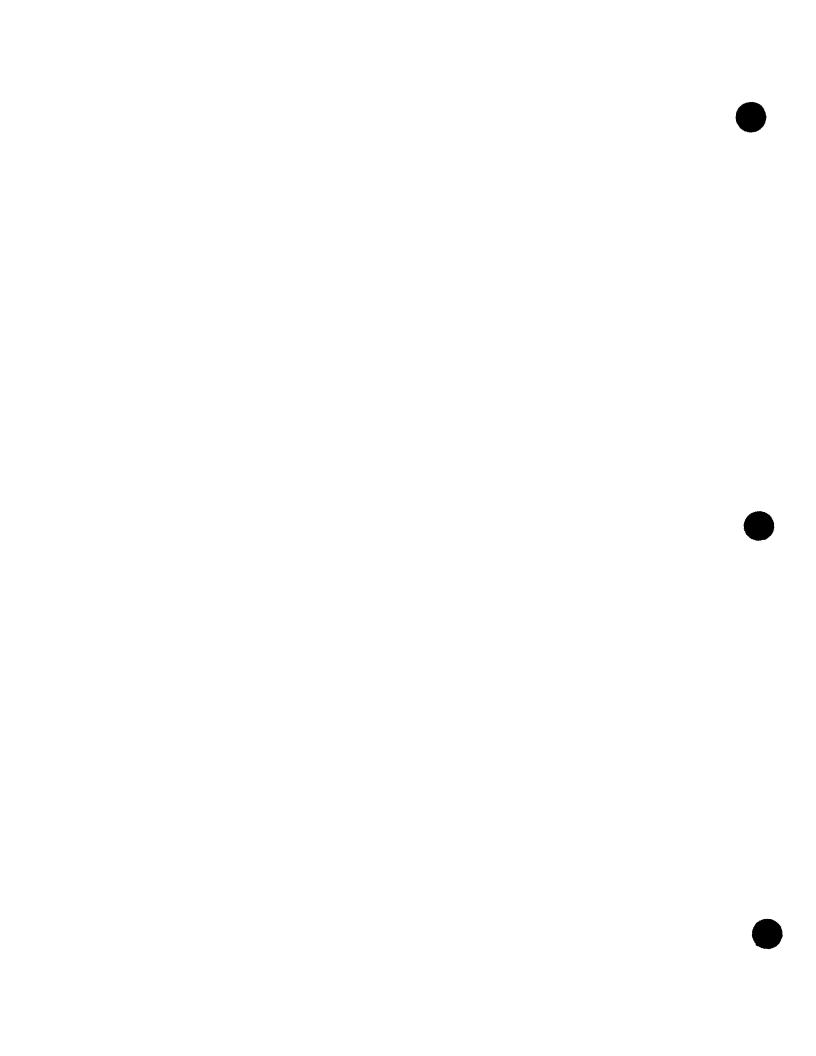
Julia Thorp, Team Leader Public Water Supply Houston Region Office

JT/SJS

cc: Harris County Public Health and Environmental Services

John Escamilla, Director of Public Works, 501 James St., Tomball, Texas 77375-4623

Enclosure: Summary of Investigation Findings



## **Summary of Investigation Findings**

CITY OF TOMBALL

Investigation #

501 N ELM ST

1287738 Investigation Date: 11/04/2015

TOMBALL, HARRIS COUNTY, TX 77375

Additional ID(s): 1010026

## OUTSTANDING ALLEGED VIOLATION(S) ASSOCIATED TO A NOTICE OF VIOLATION

Track No: 589847 Compliance Due Date: 03/18/2016

30 TAC Chapter 290.42(e)(4)(C)

Alleged Violation:

Investigation: 1287738

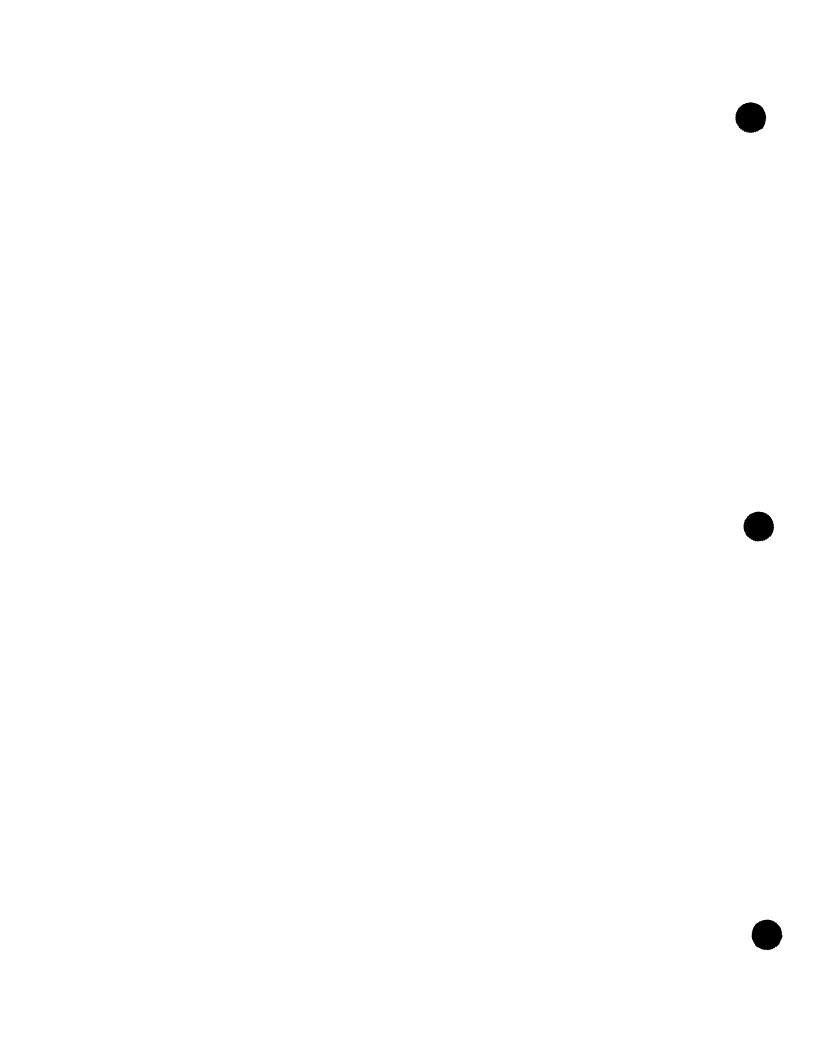
Comment Date: 12/07/2015

### Disinfection

Failure to provide adequate ventilation, which includes both high level and floor level screened vents, shall be provided for all enclosures in which gas chlorine is being stored or fed. Enclosures containing more than one operating 150-pound cylinder of chlorine shall also provide forced air ventilation which includes: screened and louvered floor level and high level vents; a fan which is located at and draws air in through the top vent and discharges to the outside atmosphere through the floor level vent; and a fan switch located outside the enclosure. Alternately, systems may install negative pressure ventilation as long as the facilities also have gas containment and treatment as prescribed by the current International Fire Code (IFC).

At the time of the investigation, it was found that Plant 1 on South Street did not have proper forced air ventilation and did not have a fan switch located outside the enclosure where the chlorine gas was being fed into the distribution system. It was also found that Plant 2 on Baker Street did not have proper forced air ventilation where chlorine gas was being fed into the distribution system. And it was also found that Plant 3 on FM 2920 did not have proper forced air ventilation where chlorine gas was being fed into the distribution system.

Recommended Corrective Action: Submit a photo, work order or invoice to show that a fan switch located outside the enclosure has been installed at Plant 1 and that adequate ventilation has been provided at Plant 1, Plant 2 and Plant 3.



	TCEQ EXIT INTERVIEW FORM: Pot al Violations and/or Records Requested	tions and/or Records R	Pampeted	ı
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			Date Faxed	

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If you have questions about any information on this form, please contact your local TCEQ Regional Office.
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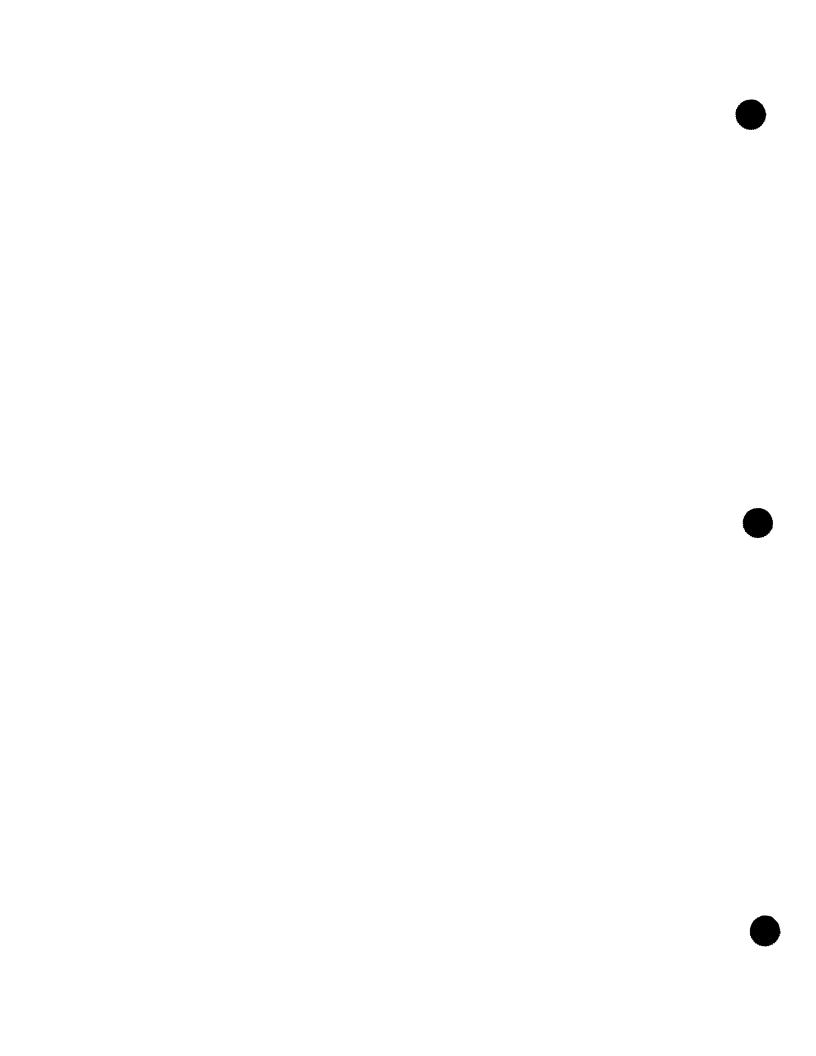
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## Cherokee Electrical Services

32915 Westwood Sq. West Magnolia, TX 77354 281-356-5703

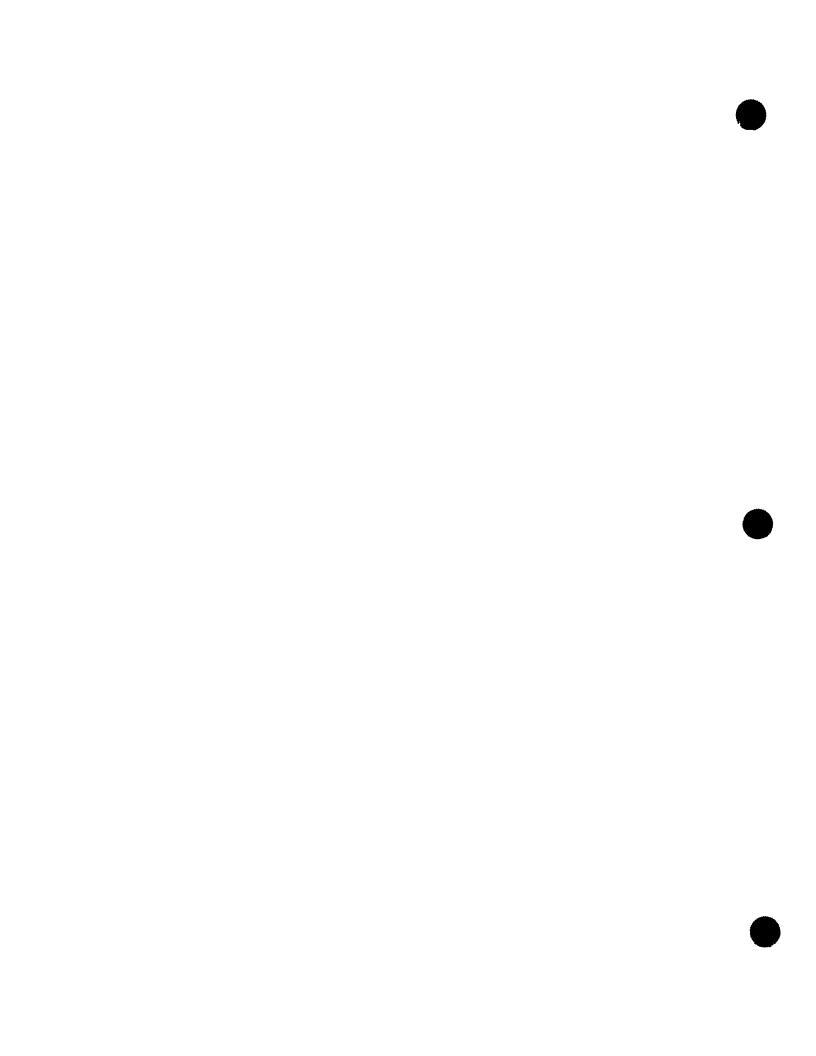
## Invoice

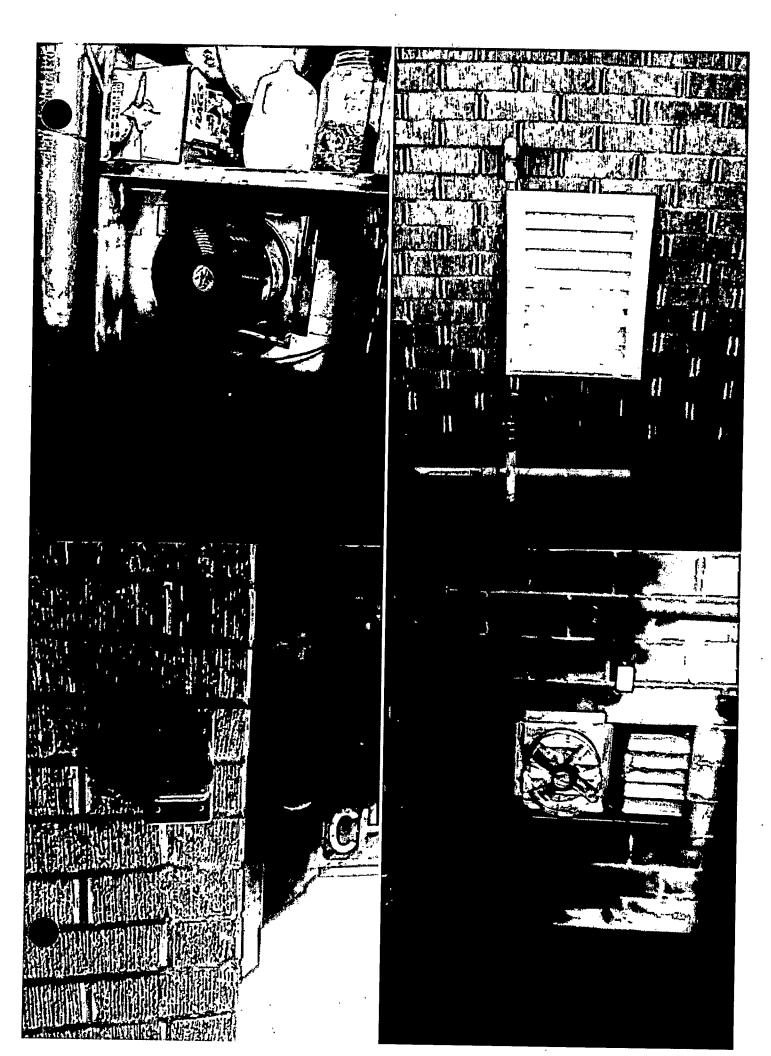
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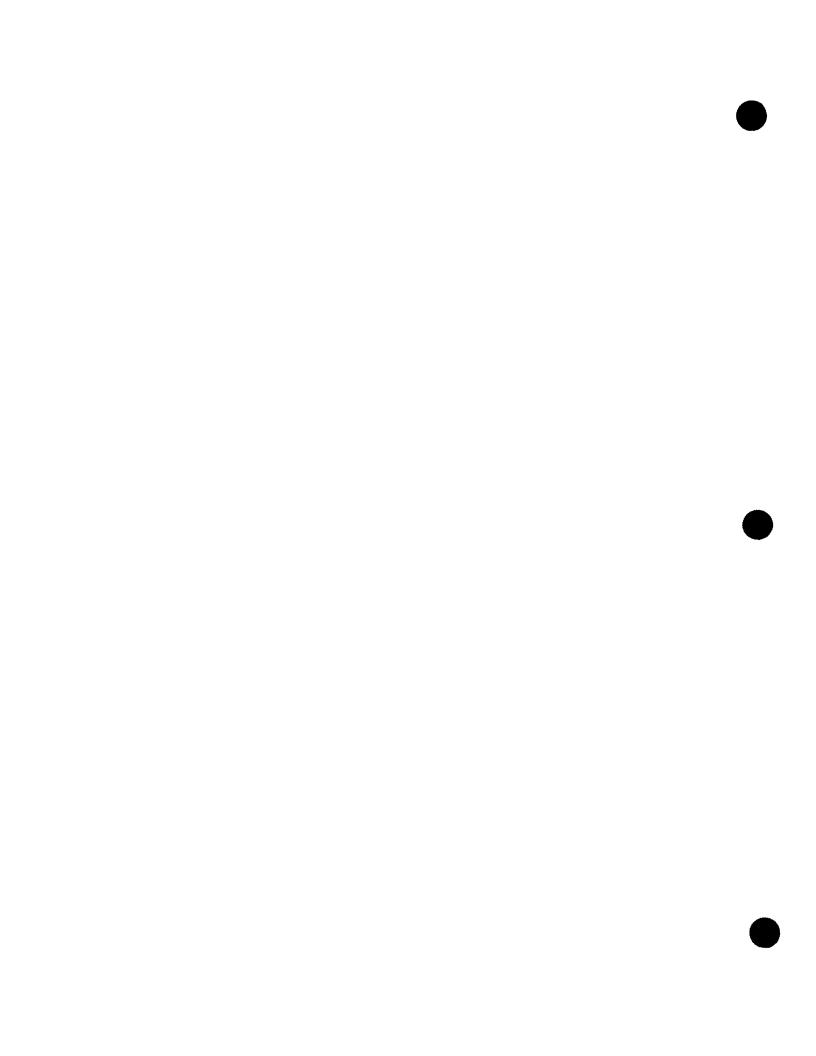
Bill To	
The City of Tomball RE: Install exhaust fans @ 3 water wells ATTN: JOHN ESCAMILLA	

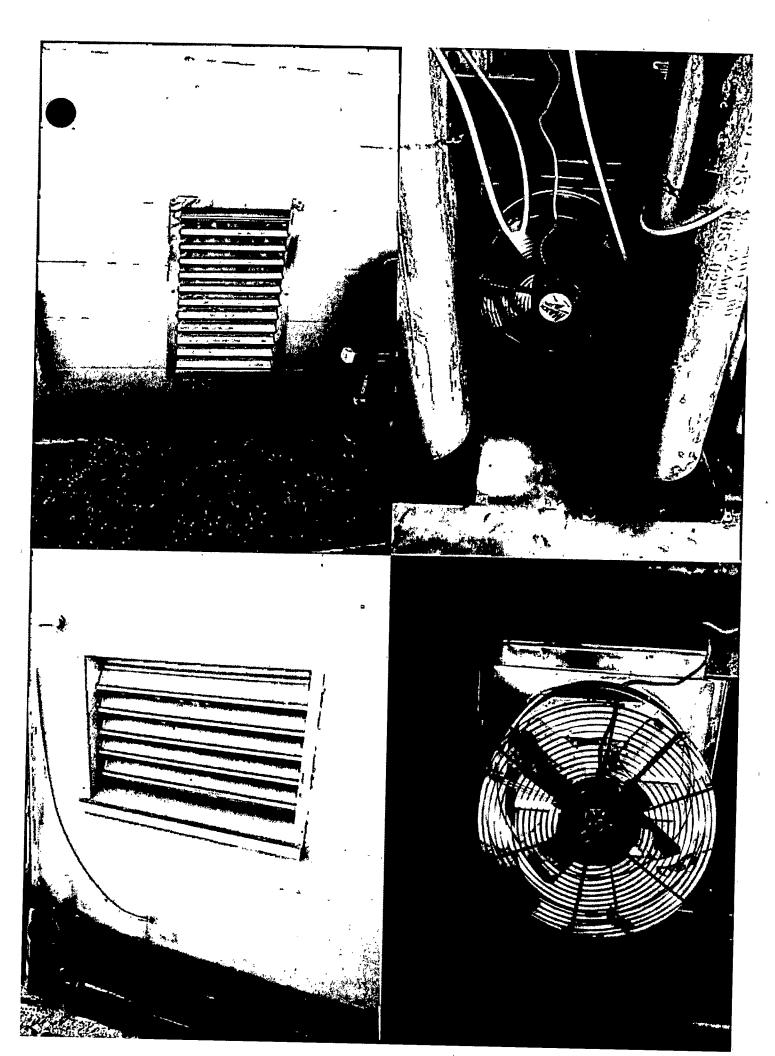
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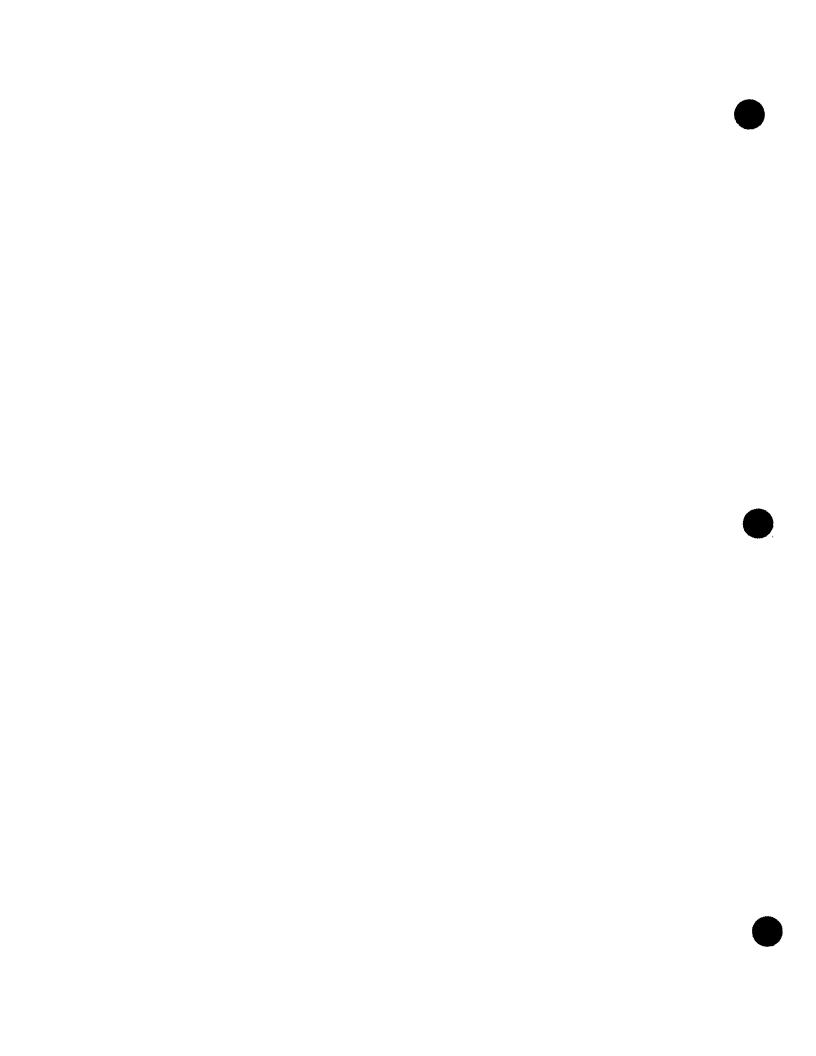
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		#02) Water well on Baker Street Install exhaust fan Labor & Material 620.00		0.00 0.00 0.00
		#03) Water well on F.M. 2920 Install exhaust fan Labor & Material 620.00	1,920.00	0.00 0.00 1,920.00
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			,	
4			Total	<b>\$</b> 1,920.00

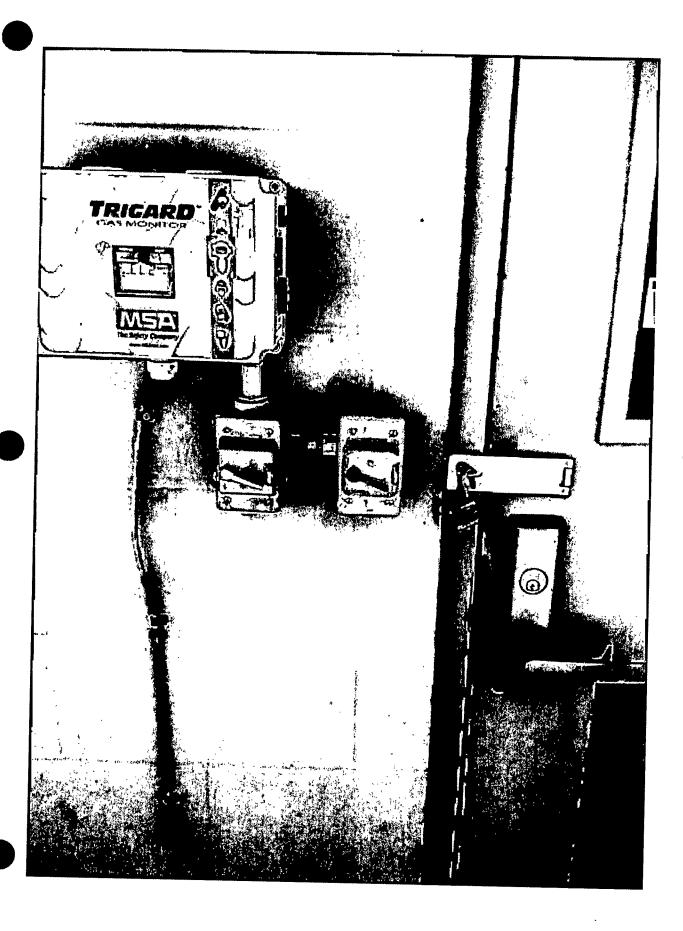


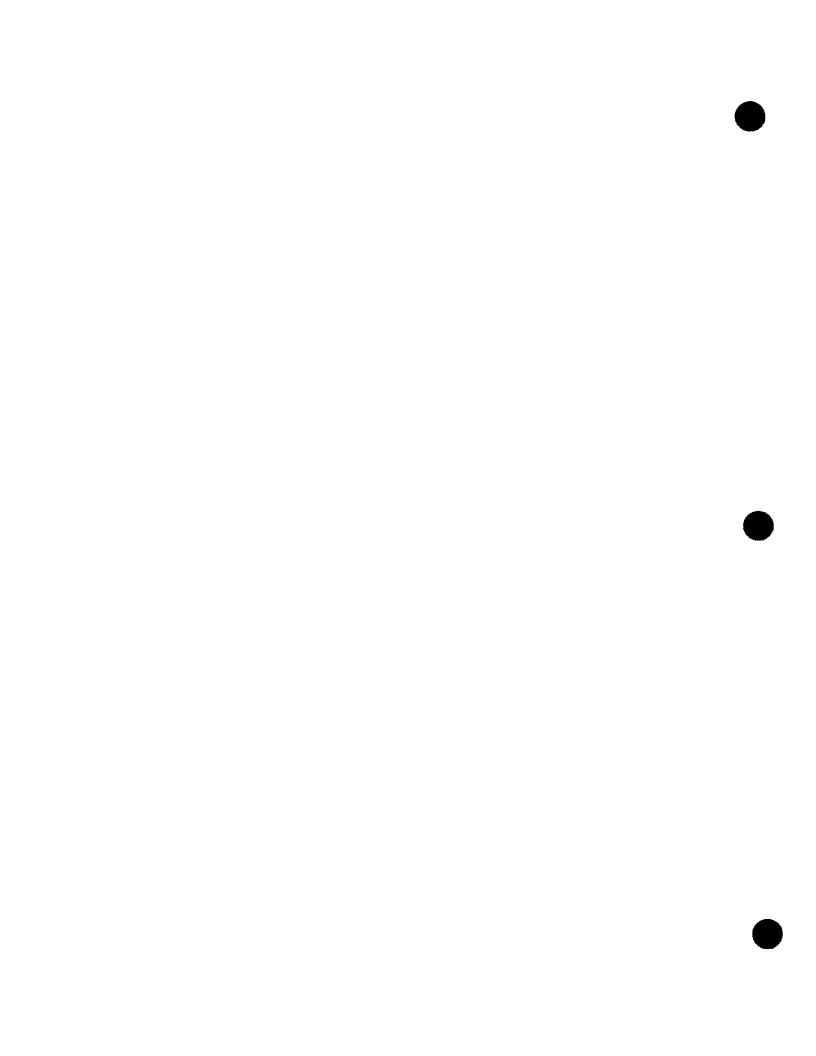




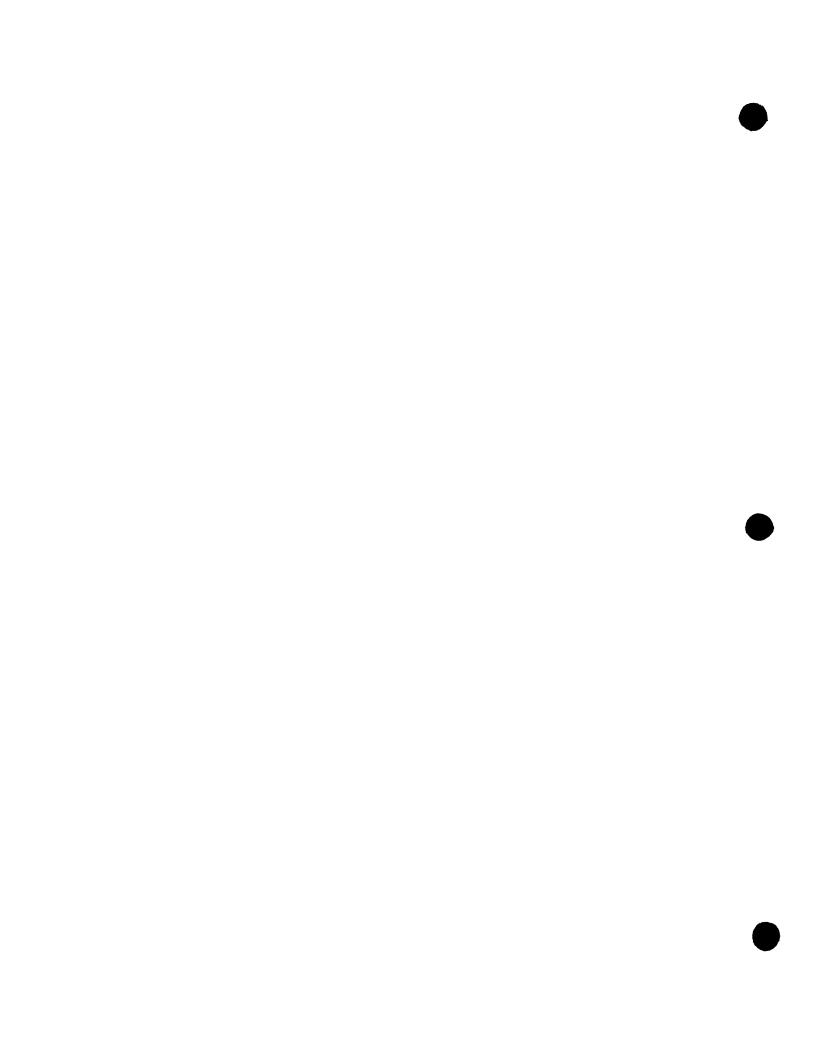






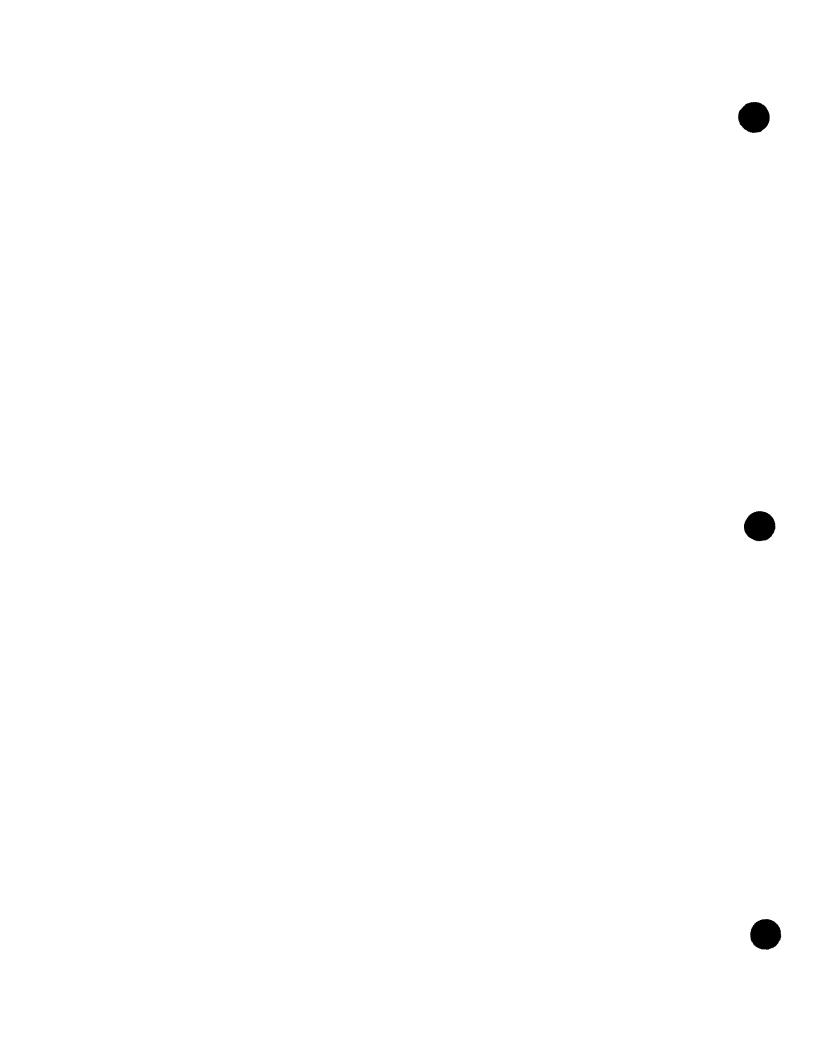


## APPENDIX F Existing System Information



## **List of Utility's Certified Water and Sewer Operators**

Name		Wastewater	Groundwater 💯		
Name	Class	License Number	Class	License Number	
Danny Hitchcock	В	WW0036832	В	WG0011995	
John Escamilla	В	WW0036826	В	WG0011999	
Randy Warren	В	WW0040428	В	WG0011998	
Dewayne Osgood	В	WW0038642	В	WG0011765	
William Goff	В	WW0039435	В	WG0011524	
Carl Singleton	В	WW0040055	C	WG0010018	
Timothy Negrete	С	WW0035872	U	WG0011092	
Justin Pruitt	С	WW0039103	C	WG0011527	
Tracy Walton	В	WW0038644	В	WG0012363	
Robert Sindlinger	В	WW0038643	В	WG0011997	
Bradley Janisch	В	WW0042975	В	WG0013015	
Cody Palmer	С	WW0040503	C	WG0012075	
Tom Borcky-Noblet	С	WW0040486	Ċ	WG0012174	
Alan Martin	С	WW0041940	С	WG0013016	
Glen Williams	Α	WW0017401	В	WG0008337	
Justin Stancil	D	WW0050217	. D	WG0034199	
Clarence Zimmerman	С	WW0052160	С	WG0015167	
Randall Huey	D	WW0051585	С	WG0015261	
Wesley Patten	D	WW0051593	С	WG0015266	
James Linney	В	WW0045632	С	WG0000708	
Jake Colburn	D	WW0052836	D	WG0036105	
John Valadez	С	WW0040056	С	WG0012223	



## 5. Existing System Information

## G. Effect of Granting a Certificate Amendment.

Explain in detail the effect of granting of a certificate or an amendment, including, but not limited to regionalization, compliance and economic effects on the following:

- i. the applicant,
- ii. any retail public utility of the same kind already serving the proximate area; and
- iii. any landowner(s) in the requested area.

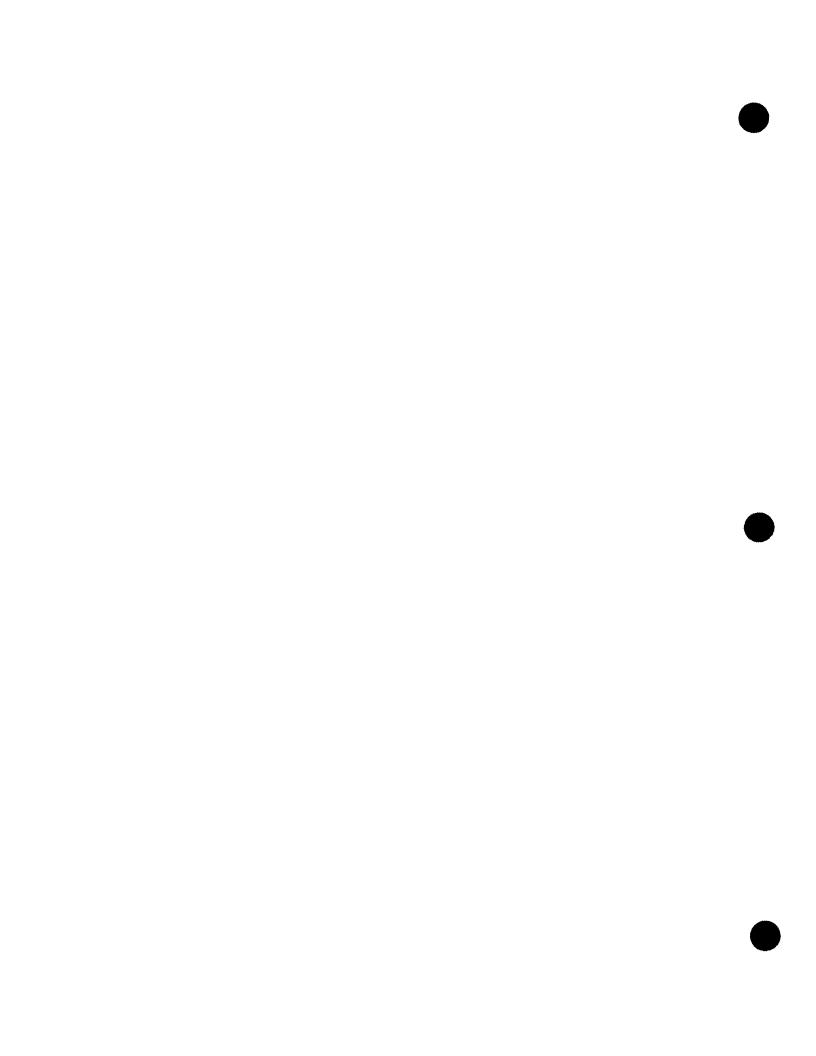
The effect of granting the proposed water and sewer CCN is that the City of Tomball can facilitate orderly growth and environmentally safe water and sewer services. The City of Tomball already maintains infrastructure within portions of the proposed area. If the proposed CCN is granted, these landowners will have access to reliable and safe water and sewer service.

## I. Ability to Provide Adequate Service.

Describe the ability of the applicant to provide adequate service, including meeting the standards of the commission, taking both of the following items into consideration:

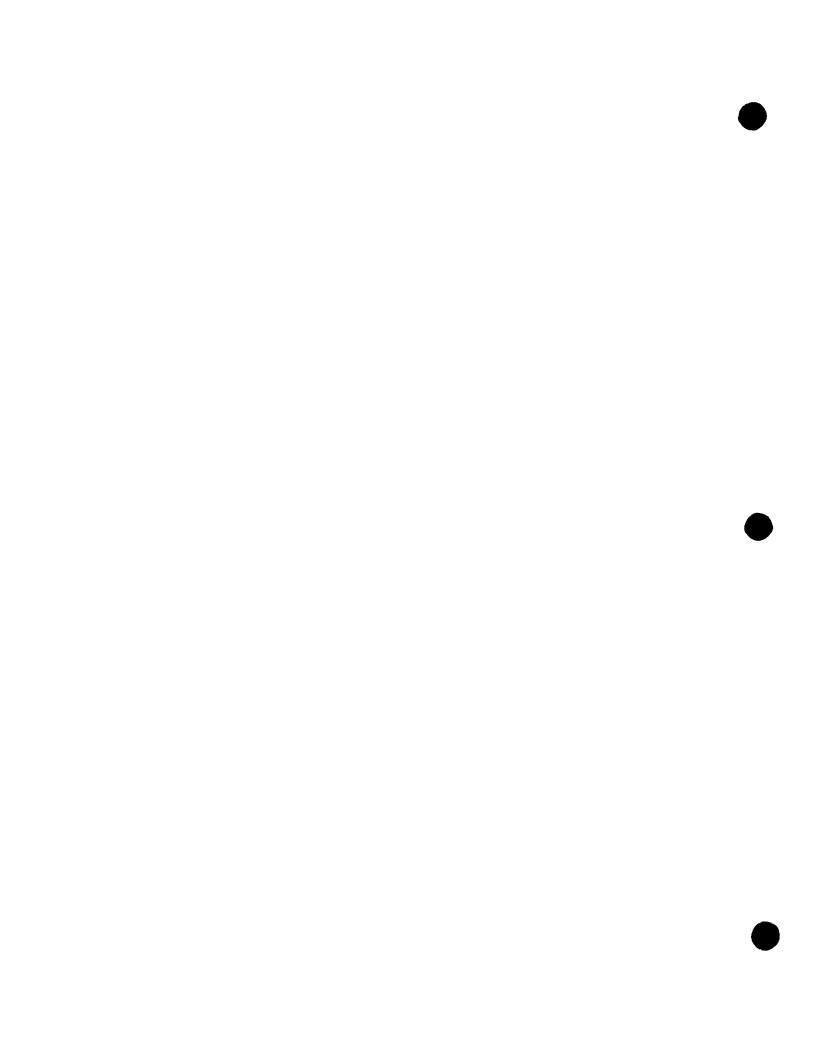
- i. the current and projected density; and
- ii. the land use of the requested area.

The City of Tomball currently provides water and sewer service that meets the standards of the commission. The City's Infrastructure Master Plan, included in Appendix F, shows the City's plan to serve projected growth in the proposed CCN.



## APPENDIX G

# City of Tomball Comprehensive Annual Financial Report

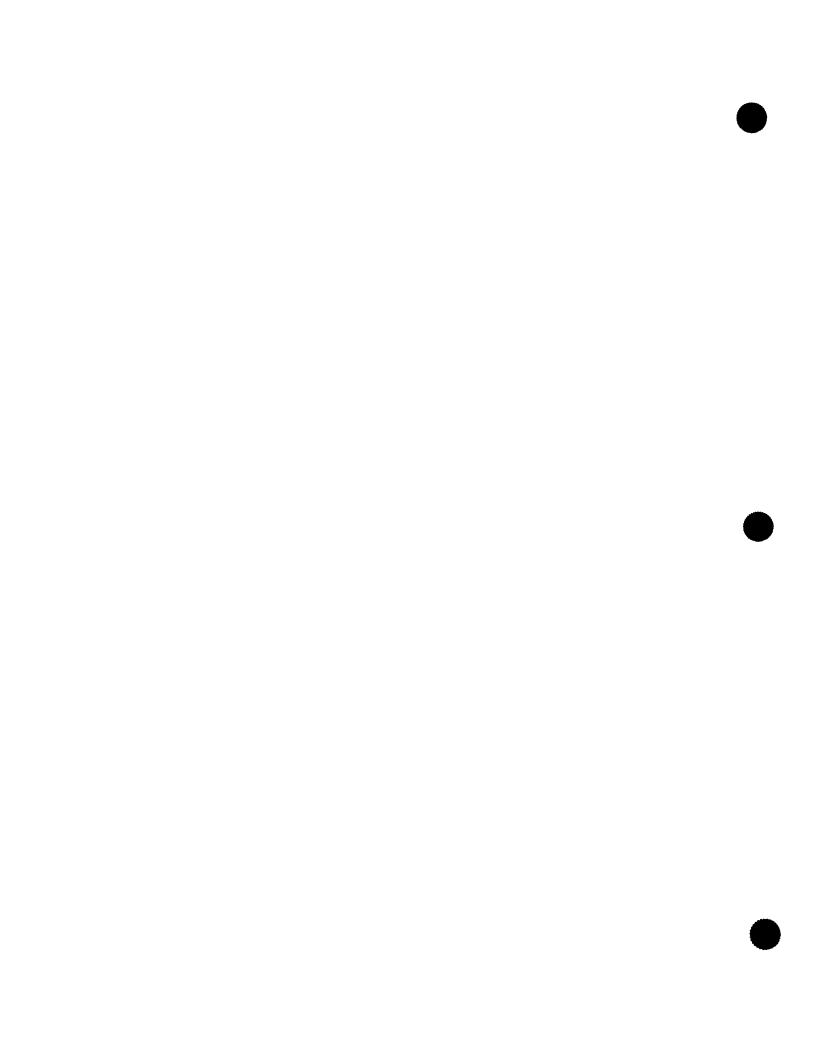


# CITY OF TOMBALL, TEXAS COMPREHENSIVE ANNUAL FINANCIAL REPORT YEAR ENDED SEPTEMBER 30, 2015

**City Manager**George Shackelford

Prepared by:
Glenn Windsor, CPA, CGFO
Finance Director

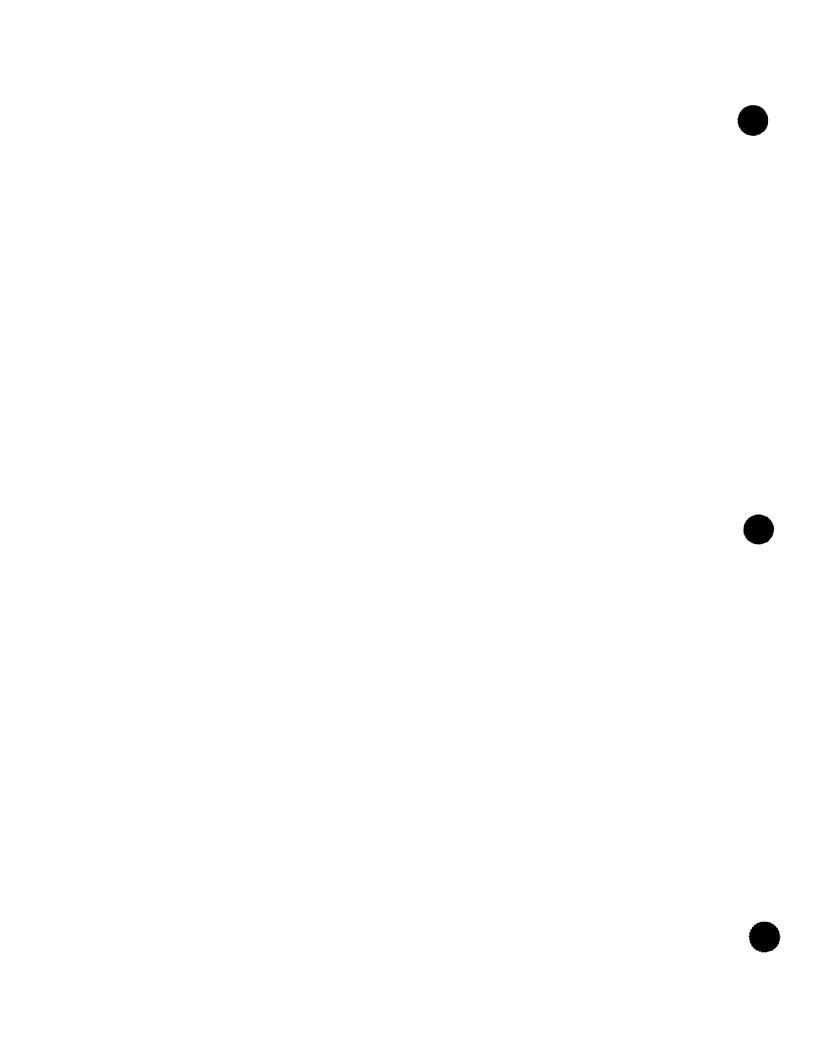
Kacie Richardson, CGFO Senior Accountant



## CITY OF TOMBALL, TEXAS COMPREHENSIVE ANNUAL FINANCIAL REPORT YEAR ENDED SEPTEMBER 30, 2015

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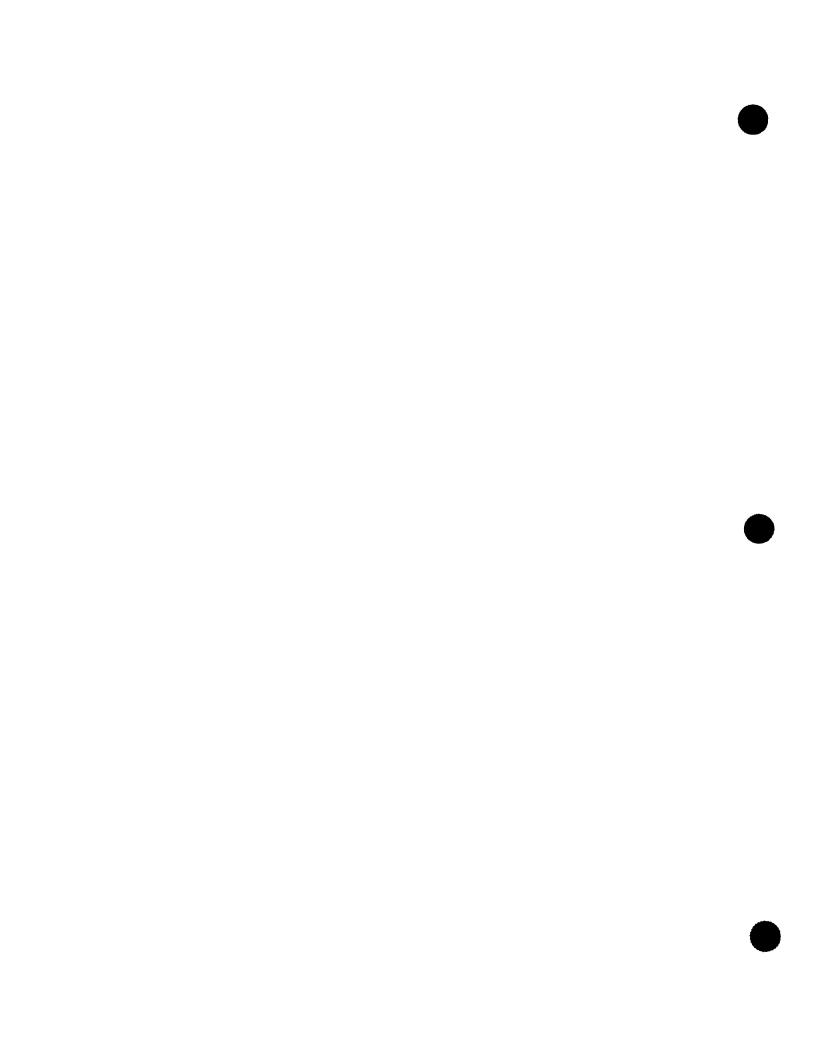
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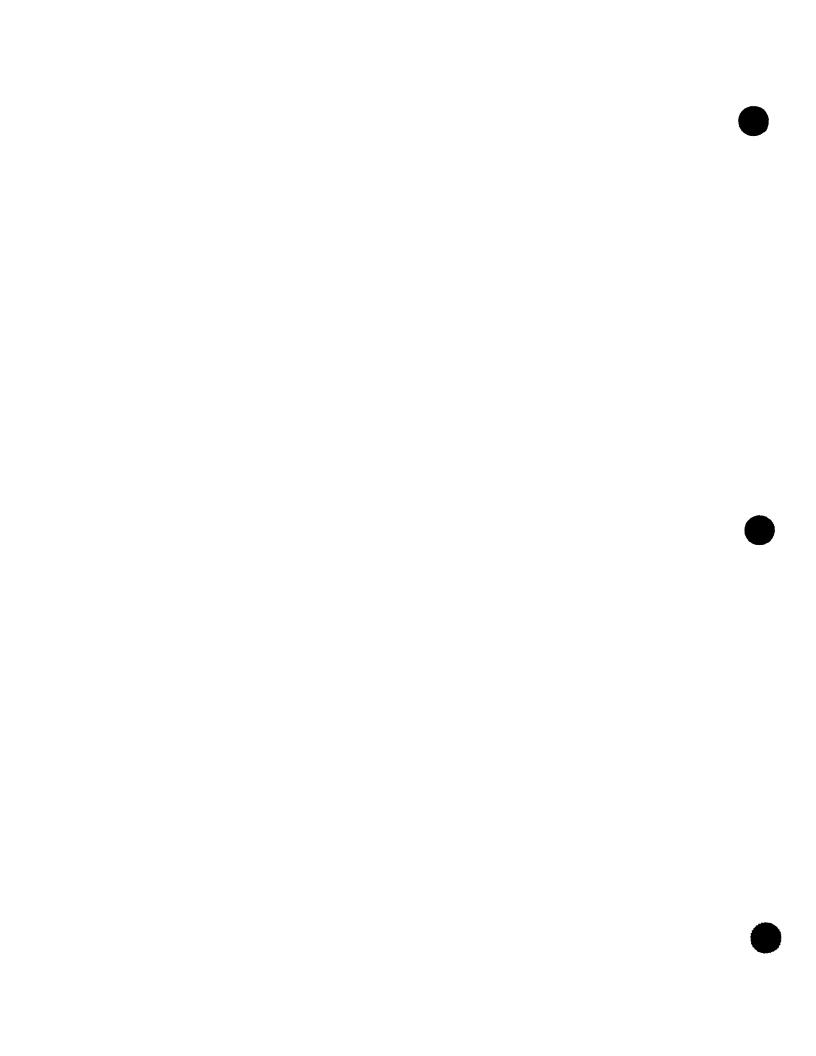
## CITY OF TOMBALL, TEXAS COMPREHENSIVE ANNUAL FINANCIAL REPORT YEAR ENDED SEPTEMBER 30, 2015

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INTRODUCTORY SECTION





## City of Tomball

Gretchen Fagan Mayor

George Shackelford City Manager

March 24, 2016

To the Honorable Mayor, Members of the City Council, and Citizens of the City of Tomball, Texas:

It is with great pleasure that we present to you a copy of the Comprehensive Annual Financial Report (CAFR) of the City of Tomball, Texas (the "City") for the fiscal year ended September 30, 2015. The responsibility for both the accuracy of the presented information and the completeness and fairness of the presentation of the data, including all disclosures, rests with the City. To the best of our knowledge and belief, the enclosed data is accurate in all material respects and is reported in a manner designed to present fairly the results of operations of the various funds of the City, as well as the fund balances. All disclosures necessary to enable the reader to gain an understanding of the City's financial activities have been included.

The CAFR is presented in three sections: Introductory, Financial, and Statistical. The Introductory Section includes this transmittal letter, the City's organizational chart, and a list of principal officials, elected and appointed. The Financial Section includes Management's Discussion and Analysis (MD&A), Basic Financial Statements, Required Supplementary Information, Combining and Individual Fund Financial Statements and Other Supplemental Information, as well as the independent auditors' report. The Statistical Section includes selected financial and demographic information generally presented on a multi-year basis.

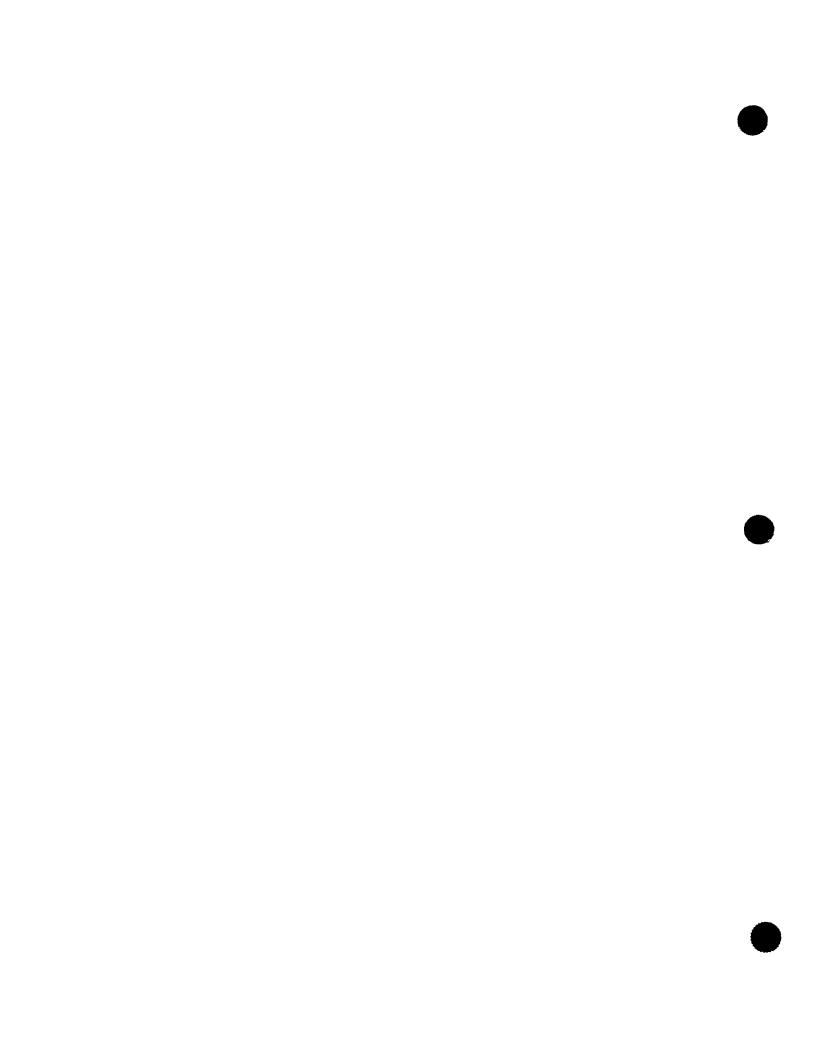
Management's Discussion and Analysis (MD&A) immediately follows the independent auditors' report and provides a narrative introduction, overview, and analysis of the basic financial statements. MD&A complements this letter of transmittal and should be read in conjunction with it.

## **Profile of the Government**

The City, incorporated on July 18, 1933, is located northwest of Houston, Texas, in a rapidly growing area of Harris County. The City currently occupies a land area of 12.29 square miles and serves an estimated population of 11,299. The City of Tomball is empowered to levy a property tax on both real and personal properties located within its boundaries. It also is empowered by state statute to extend its corporate limits by annexation, which occurs when deemed appropriate by the governing council.

The City has operated under the council-manager form of government since 1980. Policy-making and legislative authority are vested in a governing council consisting of the mayor and five council members. The council is elected on a non-partisan basis. Council members serve three-year terms, with two council members elected every year. The mayor is elected to serve a three-year term. The mayor and council are elected at large. The governing council is responsible for, among other things, passing ordinances, adopting the budget, appointing committees, and hiring both the City Manager and City Attorney. The City Manager is responsible for carrying out the policies and ordinances of the governing council, for overseeing the day-to-day operations of the government, and for appointing the heads of the various departments.

The City provides a full range of services, including police and fire protection; the construction and maintenance of streets and other infrastructure; recreational activities and cultural events. Solid waste services are provided through a contract with Waste Corporation of America.



The annual budget serves as the foundation for the City's financial planning and control. All departments of the City are required to submit requests for appropriation to the Finance Director. These requests serve as a starting point for developing a proposed budget. The Finance Director provides the information to the City Manager who then presents this proposed budget to the council for review. The council is required to hold public hearings on the proposed budget and to adopt a final budget no later than September 30, the close of the City's fiscal year. The appropriated budget is prepared by fund, function, and department. Department heads may make requests to the City Manager for transfers of appropriations within a department. Transfers of appropriations between departments, however, require the approval of the City Council. Budget-to-actual comparisons are provided in this report for each individual governmental fund for which an appropriated annual budget has been adopted. For the general fund, this comparison is presented on page 62 as part of required supplementary information. For governmental funds, other than the general fund, with appropriated annual budgets, this comparison is presented in the non-major governmental fund subsection of this report, which starts on page 68.

## **Factors Affecting Financial Condition**

The information presented in the financial statements is better understood when it is considered from the broader perspective of the specific environment within which the City of Tomball operates.

### **Local Economy**

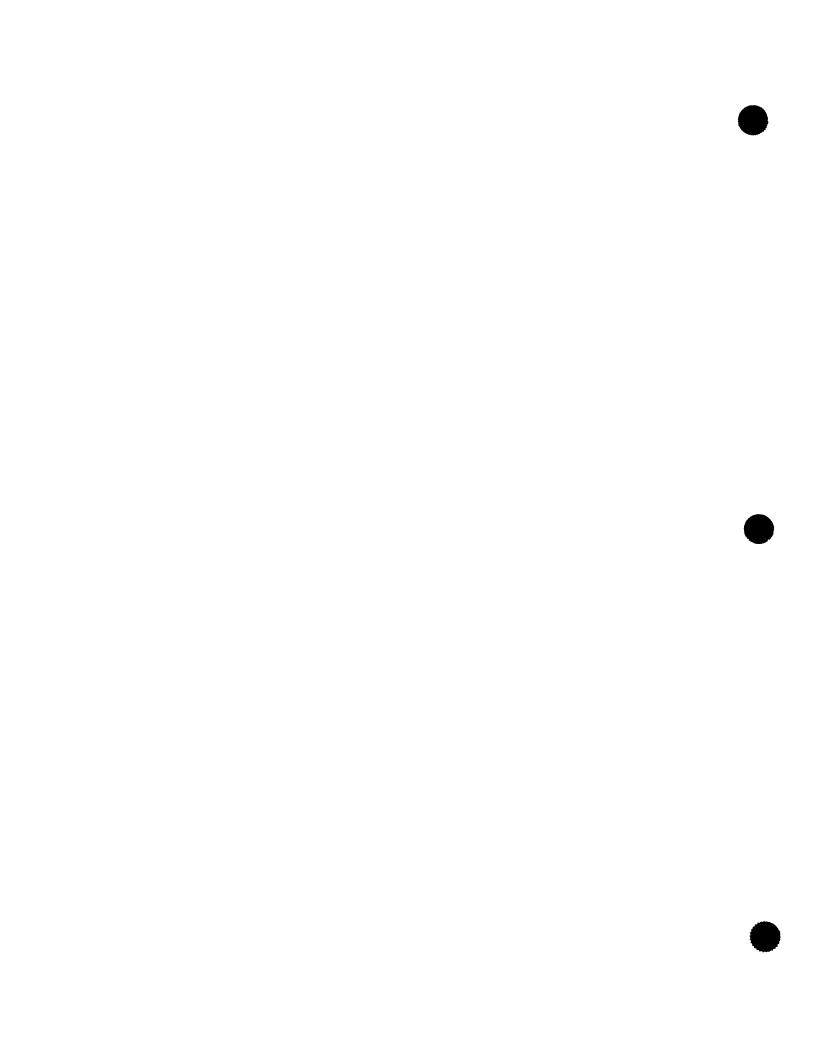
The City is located approximately 32 miles northwest of Houston and is primarily surrounded by municipal utility districts, making it one of the only incorporated area in this portion of Harris County. As a result, the City has evolved into the area's principal commercial center. Assessed values for Fiscal 2015 reflect an increase of 4.22% to \$1.53 billion. This property value increase is the result of continued commercial development within the City including the expansion of the training facility at Baker-Hughes, continued development of the medical complex, and additional growth in the retail sector. New single-family residential developments were under construction at the end of the fiscal year, including The Reserve at Spring Lake with 95 individual lots and homes with an average value of \$500,000 and the Raleigh Creek subdivision with 32 homes with an average value of \$450,000.

Sales tax revenues continued to increase but not at the rate of the prior year. The City had a 2.92% increase in this major revenue source during 2014-2015. New retail businesses continue to open in the retail district located on the City's west side.

The region (which covers an area within a five-mile radius from the center of the City) has an employed labor force of approximately 26,000 within a 5 mile radius. The largest groups of employers are in service and retail trade.

## Long-Term Financial Planning

The City continued the construction and design of Medical Complex Drive and the M121 drainage channel which was designed to mitigate flooding in the downtown area. Funding for both of these projects came from the issuance of \$14.5 million in Certificates of Obligation issued January, 2012. At September 30, 2015, Medical Complex Drive was substantially complete with completion expected in early 2016.



In conjunction with the Tomball Economic Development Corporation, the City issued \$ 8,500,000 in Certificates of Obligation (May 2013) to finance the construction of infrastructure to service a new business park on the southeast corner of the City.

In July 2015, bids were awarded for the construction of roadways, water, sewer, gas, and drainage within the park as well as turn lanes and box culverts within the public right-of way adjacent to the park entrances. At September 30, 2015, the turn lanes had been completed, the perimeter storm sewer had been installed, the first 500 feet of Spell Road, west of Hufsmith-Korville was complete and infrastructure construction was generally on schedule.

The TEDC sold its first lot, a 17.38 acre tract, to Packers Plus Energy Services for \$2,106,595 in July, 2015.

Additionally, infrastructure projects for water, sewer, drainage, and natural gas distribution continue to be funded through the budget process. All capital projects and major infrastructure needs are reviewed periodically during the year to assess both the progress of construction and the actual versus projected costs.

## **Major Initiatives**

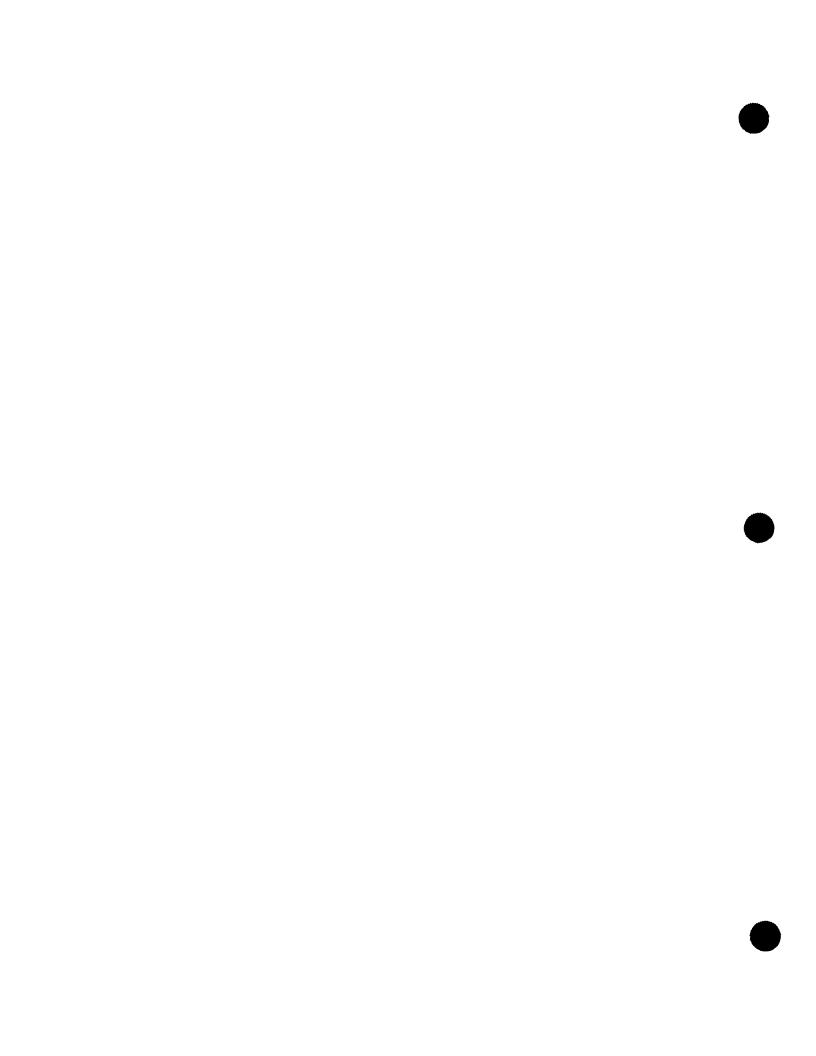
The largest revenue source in the General Fund is sales tax. The City has experienced significant commercial and retail growth over the last several years. However, because of the recession experienced in 2008-2009, the City continued a conservative approach in budgeting sales tax revenues. For fiscal 2015, sales tax revenues were projected at \$10,400,000 but with a possible decline in the area due to reduced oil prices, a conservative approach projects these revenues at the same level for fiscal 2016.

In August 2011, the City Council completed a five year visioning and strategic planning session to chart a course for the City. In that session the council decided to focus on expanding and improving the City's quality infrastructure, facilities and public services to meet current and future needs; improving multimodal accessibility to the City and within Tomball; creating a highly efficient, service-oriented culture within the City of Tomball; ensuring the City's revenue stream is sufficient to sustain the operation and future needs; and implementing economic development strategies to increase revenues to the City, diversify the tax base, create quality employment and housing opportunities, grow local businesses, and maximize the community's economic assets.

Goals achieved as a result of this process include continued annual funding of the capital improvement program, major improvements to the City website, re-codification of the Tomball city ordinances and the creation of the financial transparency web page. The City has approved funding for several sidewalk projects to improve accessibility within the City, including the Medical District sidewalks. The City approved a Professional Services agreement for the development of a Downtown Specific Plan, which addresses land use and zoning regulations for the downtown area. This plan had not been adopted at September 30, 2015. The current strategic plan builds on the 2008 plan which resulted in the completion of an FM 2920 Access Management Study, a Livable Centers Downtown Plan and the first citywide Comprehensive Plan.

## **Financial Information**

The City's management team is responsible for establishing and maintaining internal controls designed to ensure that the assets of the City are protected from loss, theft, or misuse and to ensure that adequate accounting data is compiled to allow for the preparation of financial statements in conformity with generally accepted accounting principles. Internal controls are designed to provide reasonable but not absolute assurance that these objectives are met. The concept of reasonable assurance recognizes that (1) the cost of the controls should not exceed the benefits likely to be derived and (2) the valuation of cost and benefits requires estimates and judgments to be made by management.



## **Budgeting Controls**

The City maintains budgetary controls to ensure compliance with legal provisions embodied in the annual appropriated budget approved by the City Council. Activities of the General Fund, Debt Service Fund, Special Revenue Funds, Utility Fund, and Internal Service Funds are included in the annual operating budget. The Tomball Economic Development Corporation, a component unit of the City, is budgeted separately. A capital improvement plan is approved each year by the city council and funded through a separate capital projects fund. The level of budgetary control (i.e., the level at which expenditures cannot legally exceed the appropriated amount) is established at the division level within an individual fund. The City maintains an encumbrance accounting system as a means of accomplishing budgetary controls and a technique of budgetary "lock out" which will prevent a transaction from exceeding legally appropriated budgetary amounts. As demonstrated by the statements and schedules included in the financial section of this report, the City continues to meet its responsibility for sound financial management.

### **Debt Administration**

The City may issue General Obligation bonds that are approved by voters in a capital improvements plan. Certificates of Obligation can be used for major construction projects and for the financing of vehicles and equipment.

When available, sales tax revenue in excess of budgeted projections can be dedicated to one-time capital purchases.

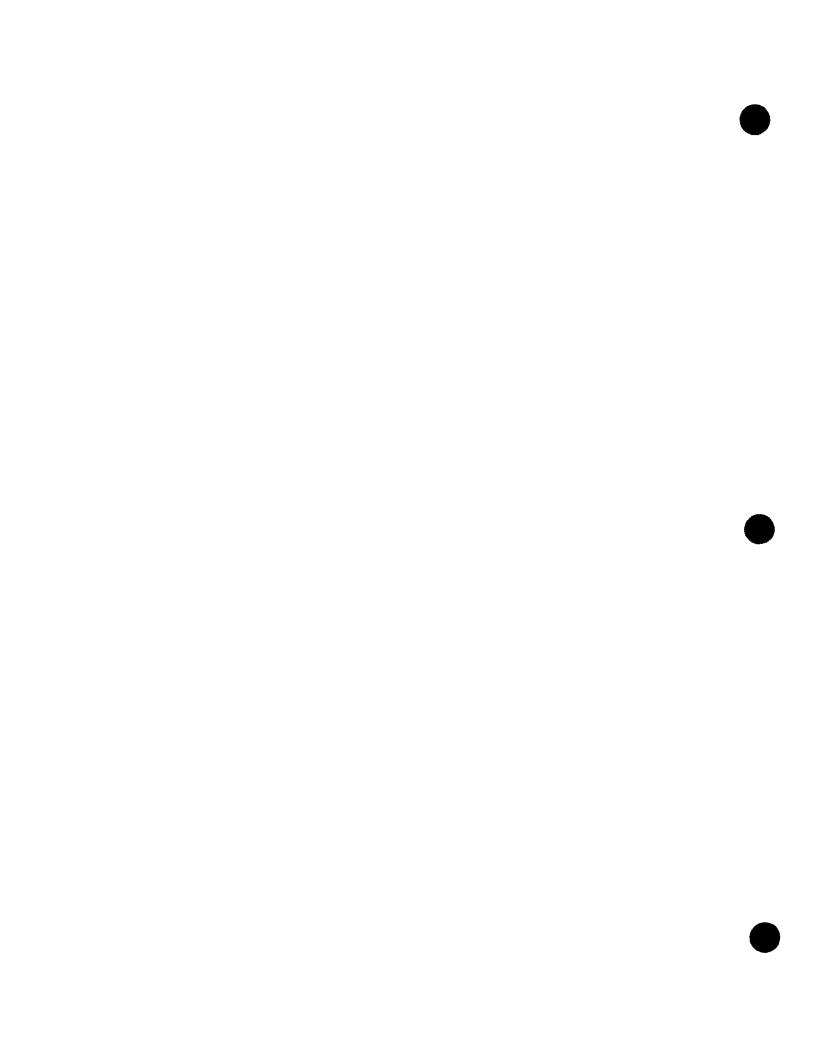
## **Independent Audit**

The City Charter requires an independent audit of the accounts of the City by an independent auditor. The firm of Weaver and Tidwell, LLP, Certified Public Accountants, has issued an unmodified ("clean") opinion on the City of Tomball's financial statements for the year ended September 30, 2015. The independent auditor's report is located at the front of the financial section of this report.

### **Awards**

The Government Finance Officers' Association (GFOA) awarded a Certificate of Achievement for Excellence in Financial Reporting to the City for its Comprehensive Annual Financial Report for the fiscal year September 30, 2014. This was the 25<sup>th</sup> consecutive year that the City has received this award. In order to be awarded the Certificate of Achievement, the City published an easily readable and efficiently organized Comprehensive Annual Financial Report. This report satisfies both generally accepted accounting principles and applicable legal requirements. The Certificate of Achievement is held for a period of one year only. Our current Comprehensive Annual Financial Report continues to meet the Certificate of Achievement requirements, and will be submitted to GFOA to determine its eligibility for another certificate.

The City also received the Distinguished Budget Presentation Award for the fiscal year beginning October 1, 2014. This is the seventh consecutive year that the City has received this award from the GFOA. The award is made to those cities whose budget presentations meet very stringent presentation guidelines. The budget document must be of the very highest quality that reflects both the guidelines established by the National Advisory Council on State and Local Budgeting and the GFOA's recommended practices on budgeting.



For the fourth consecutive year, the City was also awarded the Leadership Award as part of the "Texas Transparency" program from the Texas Comptroller of Public Accounts. The City received the Gold award the first two years and the Platinum award for the past two years. This program involves publishing financial information such as CAFRs, budgets, and check registers to demonstrate transparent government to both the citizens and other members of the public.

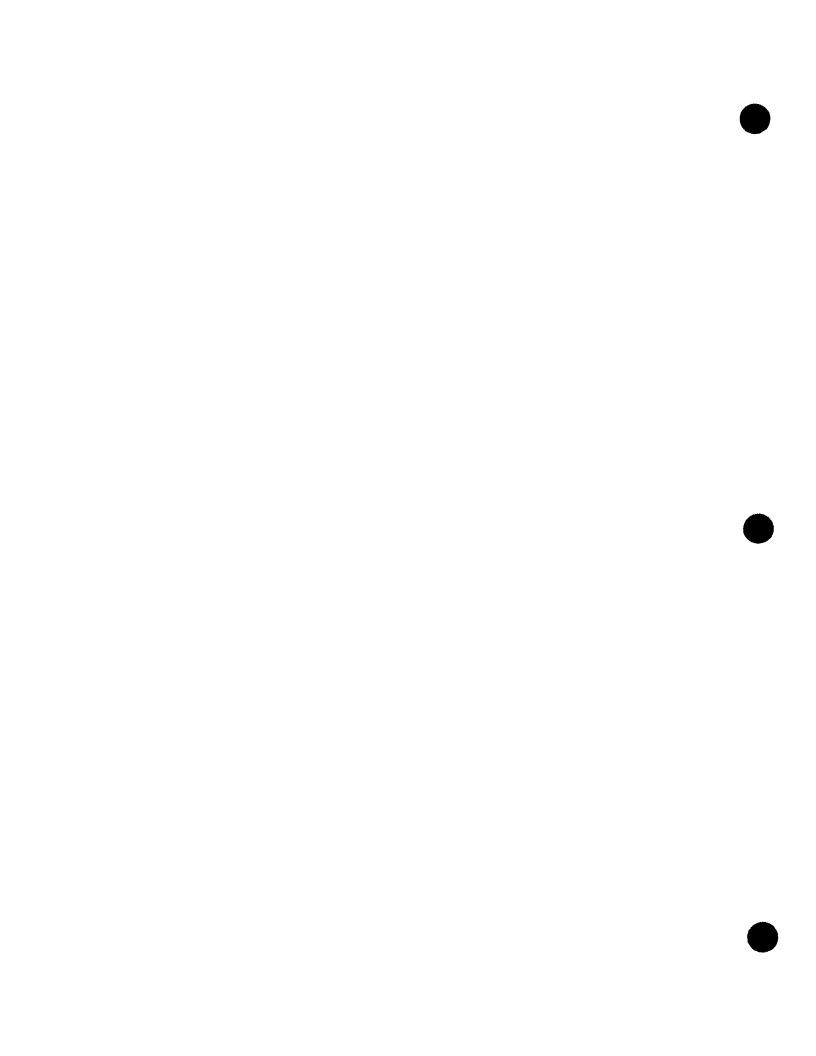
#### Acknowledgements

The preparation of this report would not have been possible without the efficient and dedicated services of the administrative staff of the City and the members of the Finance Department. We also would like to express our appreciation to all members of the departments who assisted and contributed to the preparation of this report. Credit must also be given to the Mayor and the City Council for their unfailing support for maintaining the highest standards of professionalism in the management of the City of Tomball's finances.

Respectfully submitted,

Glenn Windsor, CPA, CFE, CGFO

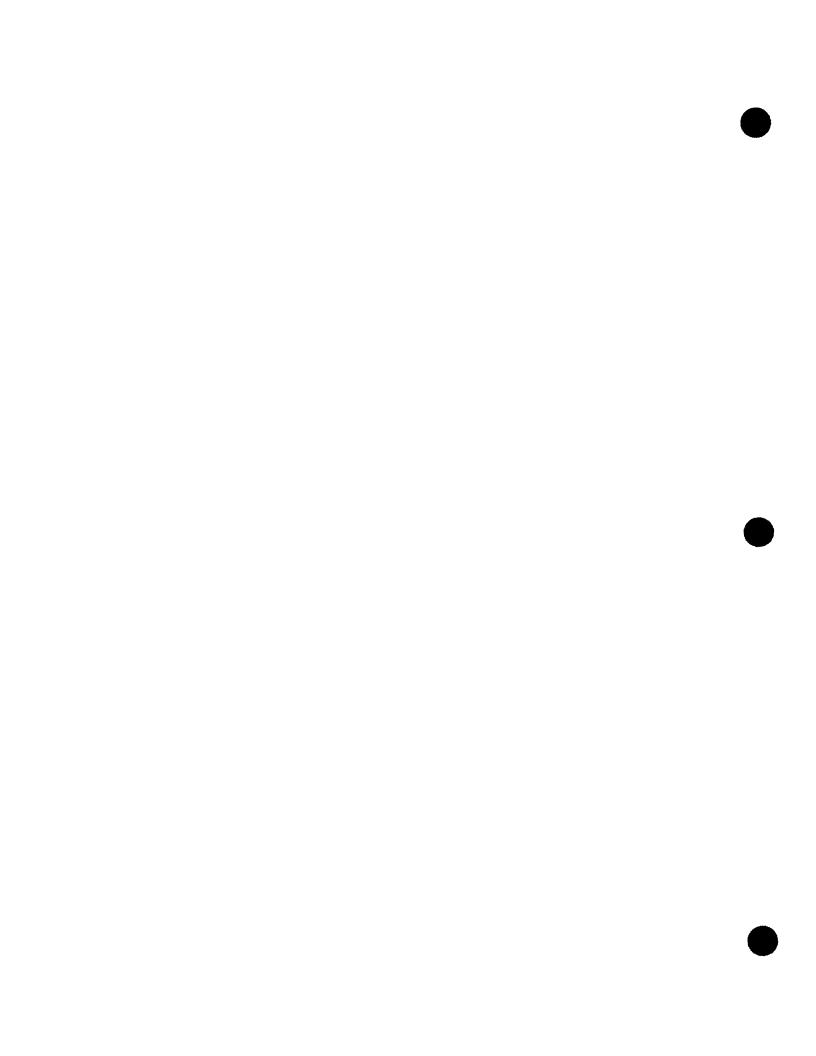
Finance Director



# CITY OF TOMBALL, TEXAS PRINCIPAL OFFICIALS AS OF SEPTEMBER 30, 2015

City Officials	Elected Position	Term Expires	
Gretchen Fagan	Mayor	2016	
F. S. "Field" Hudgens	Councilman Position 1	2017	
Mark Stoll	Councilman Position 2	2018	
Chad Degges	Councilman Position 3	2016	
Derek Townsend, Sr.	Councilman Position 4	2018	
Lori Klein Quinn	Councilman Position 5	2017	

Department Heads	Appointive Position		
George Shackelford	City Manager		
Robert Hauck	Assistant City Manager		
Doris Speer	City Secretary		
Billy Tidwell	Chief of Police		
David Esquivel	Director of Public Works		
Randall Parr	Fire Chief		
Craig Meyers	Community Development Director-		
Glenn Windsor	Finance Director		





## Government Finance Officers Association

Certificate of Achievement for Excellence in Financial Reporting

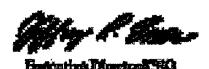
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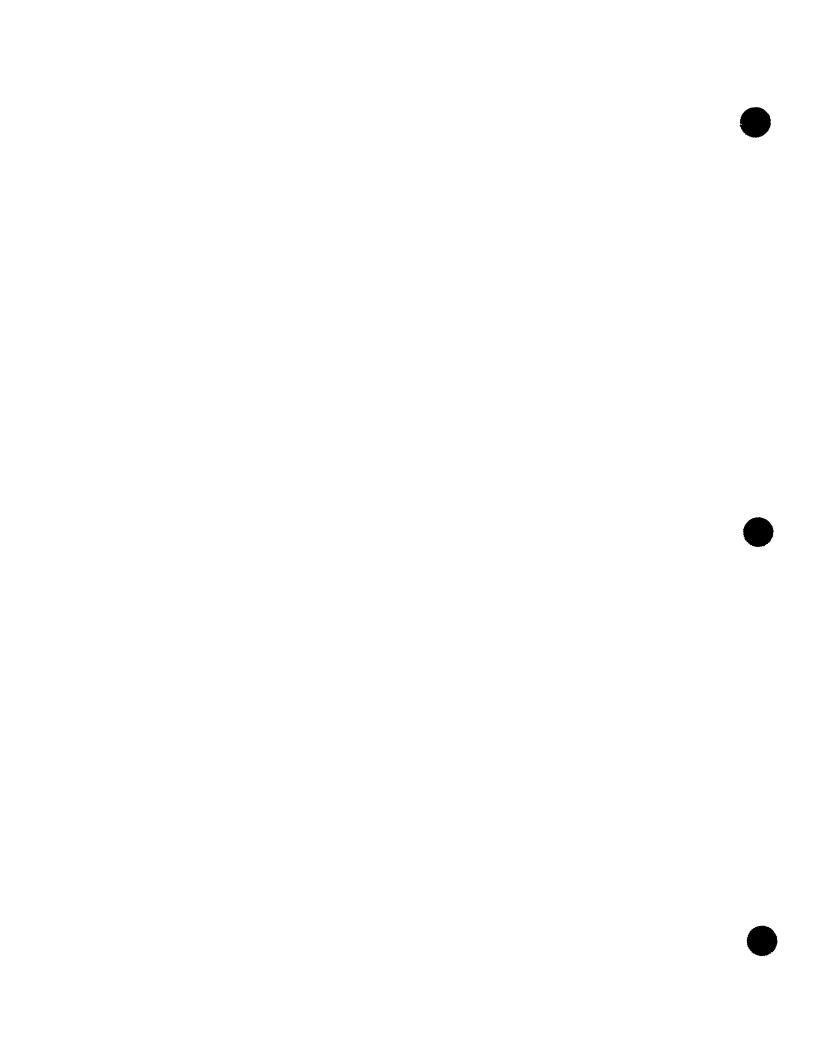
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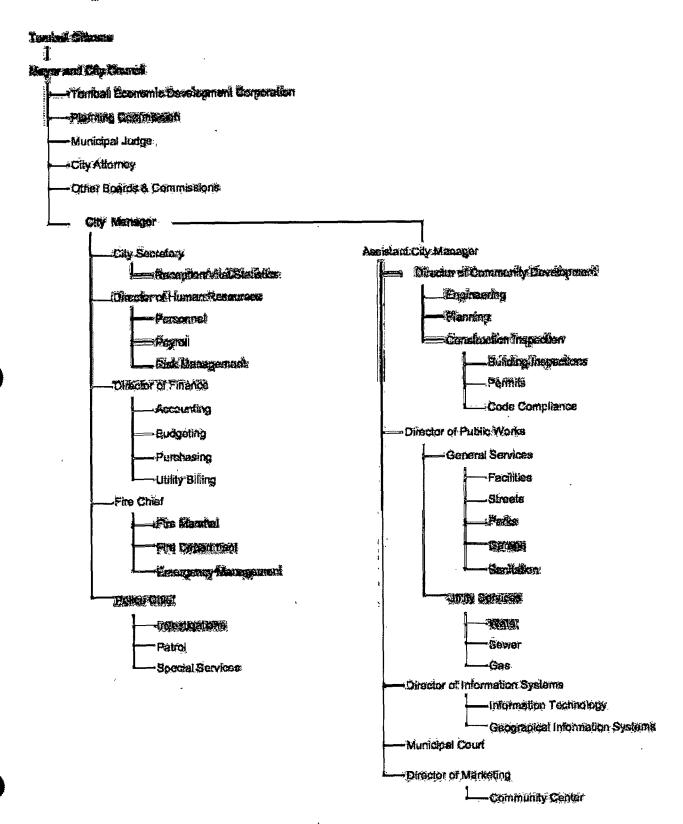
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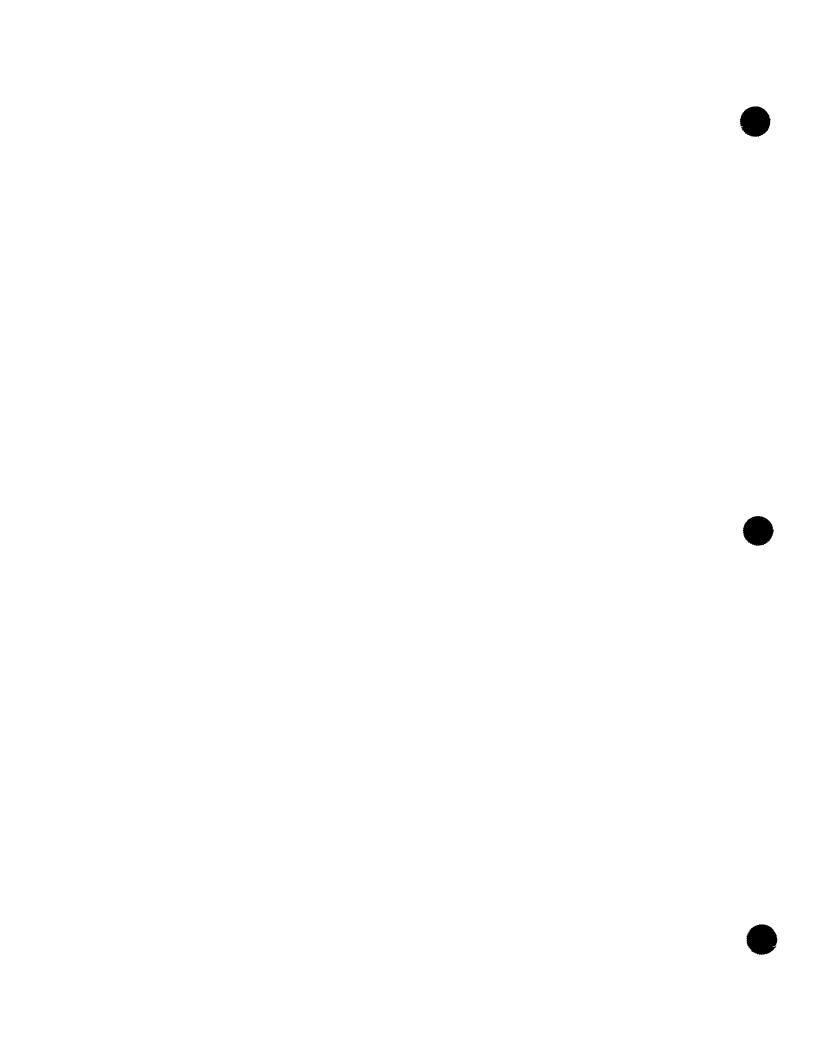
September 30, 2014

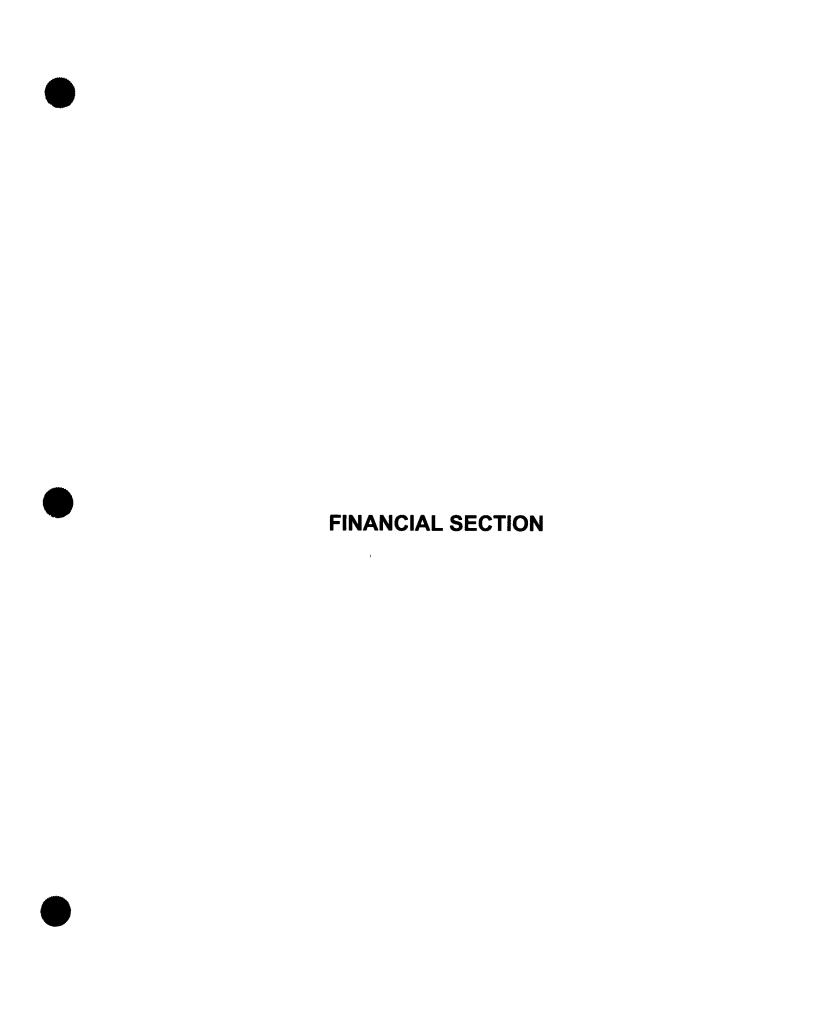


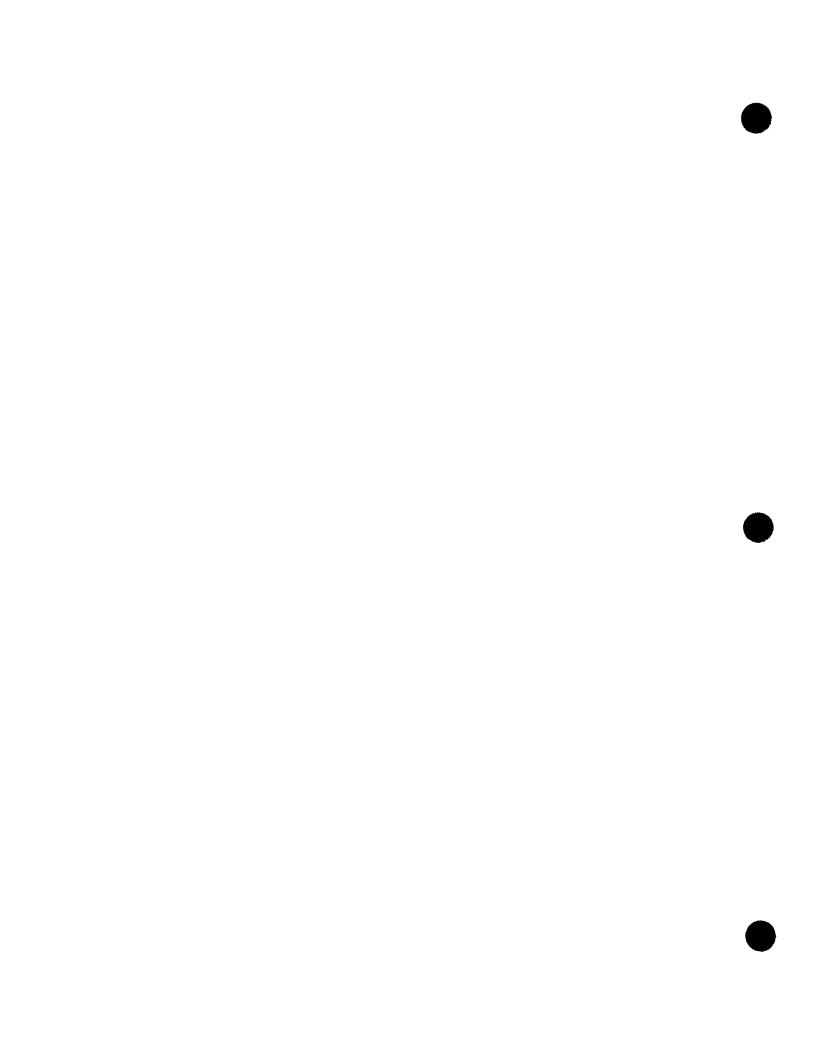


## Staff Organizational Chart











#### INDEPENDENT AUDITOR'S REPORT

To the Honorable Mayor and City Council Members of the City of Tomball, Texas

#### **Report on the Financial Statements**

We have audited the accompanying financial statements of the governmental activities, the business-type activities, the discretely presented component unit, each major fund, and the aggregate remaining fund information of the City of Tomball, Texas (the City) as of and for the year ended September 30, 2015, and the related notes to the financial statements, which collectively comprise the City's basic financial statements as listed in the table of contents.

#### Management's Responsibility for the Financial Statements

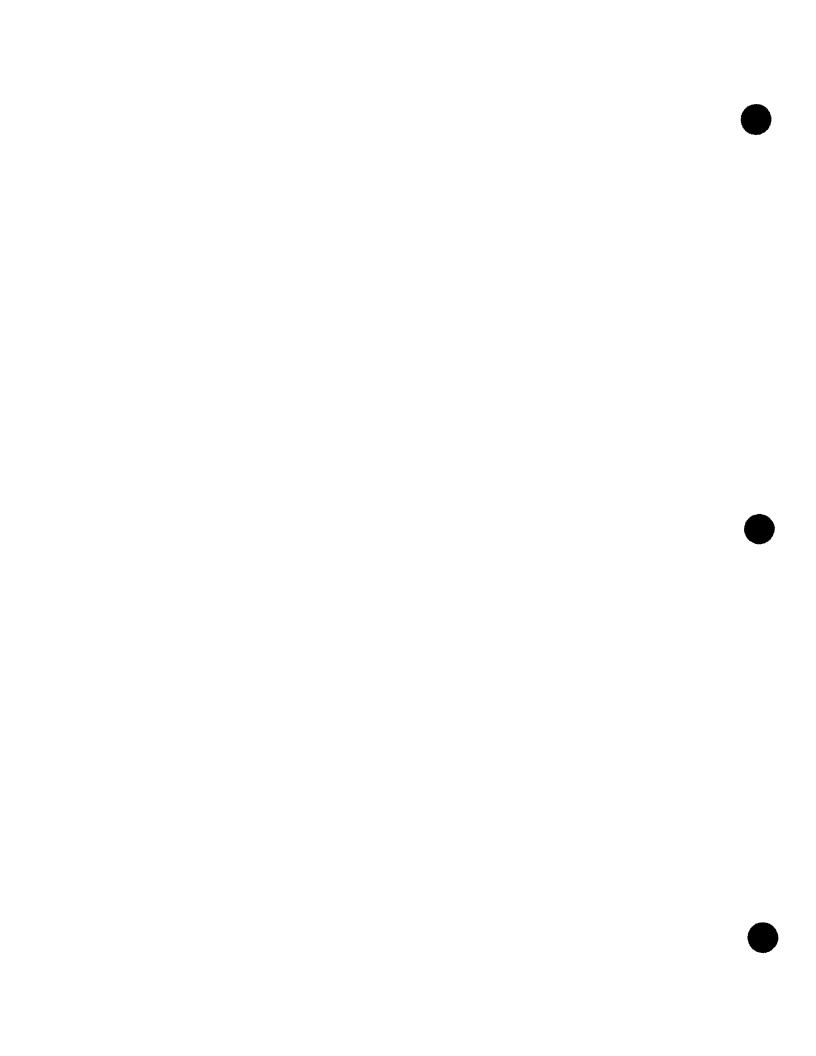
The City's management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

#### Auditor's Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.



To the Honorable Mayor and City Council Members of the City of Tomball, Texas

#### **Opinions**

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities, the business-type activities, the discretely presented component unit, each major fund, and the aggregate remaining fund information of the City as of September 30, 2015, and the respective changes in financial position, and, where applicable, cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

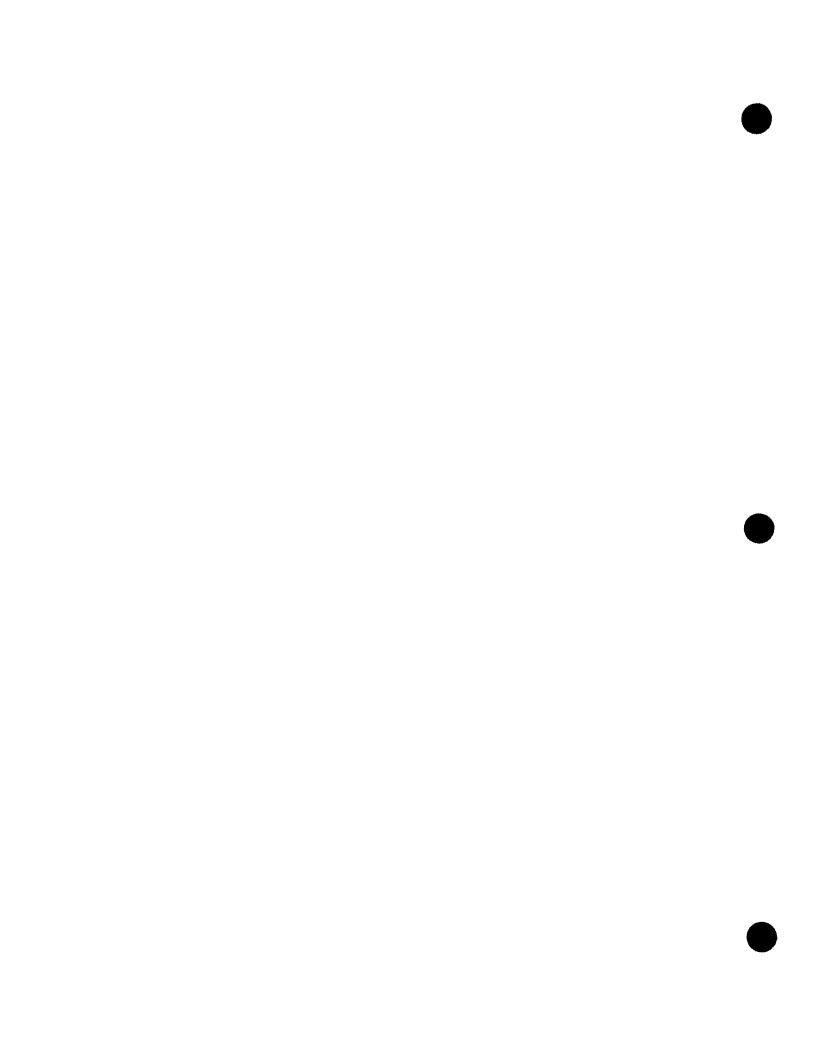
#### Change in Accounting Principle

As discussed in Note 1 to the basic financial statements, the City has adopted the provisions of Governmental Accounting Standards Board (GASB) Statement No. 68, Accounting and Reporting for Pensions - an amendment of GASB Statement No. 27 and GASB Statement No. 71, Pension Transition for Contributions Made Subsequent to the Measurement Date – an amendment of GASB Statement No. 68. Beginning net position on the government-wide Statement of Activities and on the proprietary funds Statement of Revenues, Expenses and Changes in Fund Net Position has been restated to reflect the effect of implementation of these statements. Our opinion is not modified with respect to this matter.

#### **Other Matters**

#### Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis, Schedule of Changes in Net Pension Liability and Related Ratios, Schedule of Contributions, Schedule of Funding Progress - Post Employment Benefits Plan Other Than Pensions and Schedule of Revenues Expenditures, and Changes in Fund Balance, Budget and Actual - General Fund be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.



To the Honorable Mayor and City Council Members of the City of Tomball, Texas

#### Other Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the City's basic financial statements. The introductory section, combining and individual nonmajor fund financial statements and schedules, and statistical section are presented for purposes of additional analysis and are not a required part of the basic financial statements.

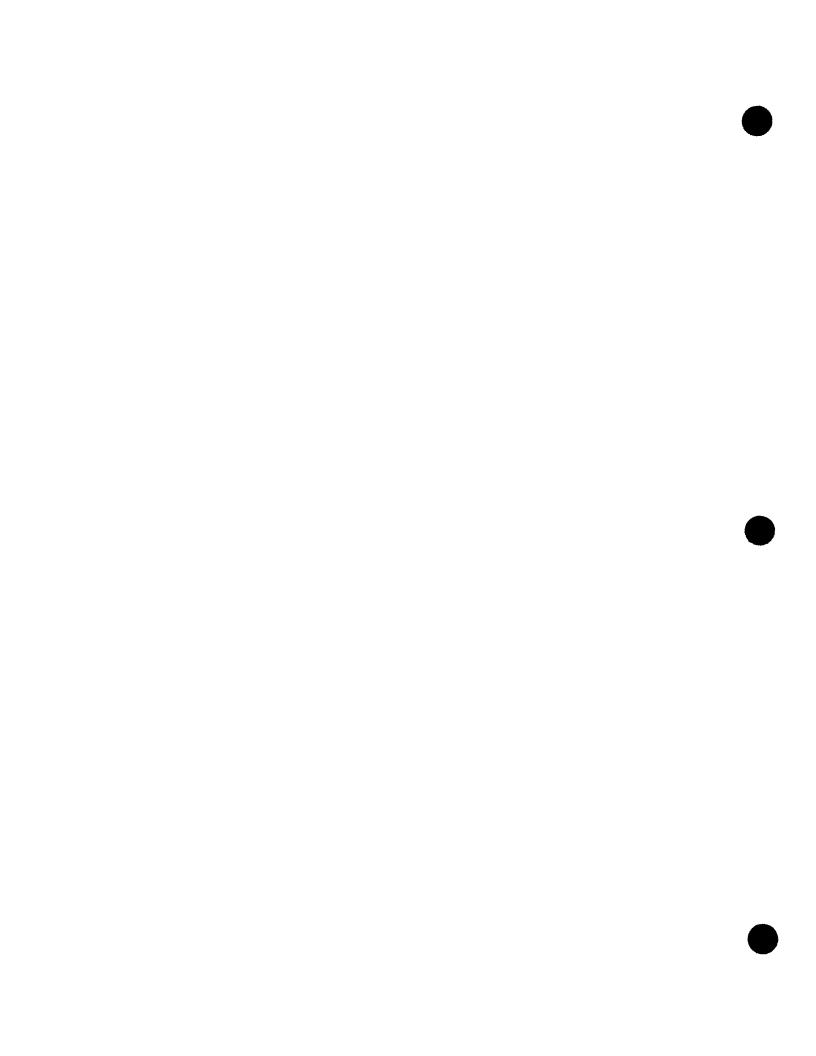
The combining and individual nonmajor fund financial statements and schedules are the responsibility of management and were derived from and relate directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated, in all material respects, in relation to the basic financial statements as a whole.

The introductory and statistical sections have not been subjected to the auditing procedures applied in the audit of the basic financial statements and, accordingly, we do not express an opinion or provide any assurance on them.

Weaver and Siduell, L.S.P.

WEAVER AND TIDWELL, L.L.P.

Houston, Texas March 24, 2016



# Management's Discussion and Analysis (Unaudited)

As Management of the City of Tomball, we offer readers of the City's financial statements this narrative overview and analysis of the financial activities of the City for the fiscal year ended September 30, 2015. This information is not intended to be a complete statement of the City's financial condition. We recommend and encourage readers to consider the information presented here in conjunction with the accompanying transmittal letter and basic financial statements.

#### **FINANCIAL HIGHLIGHTS**

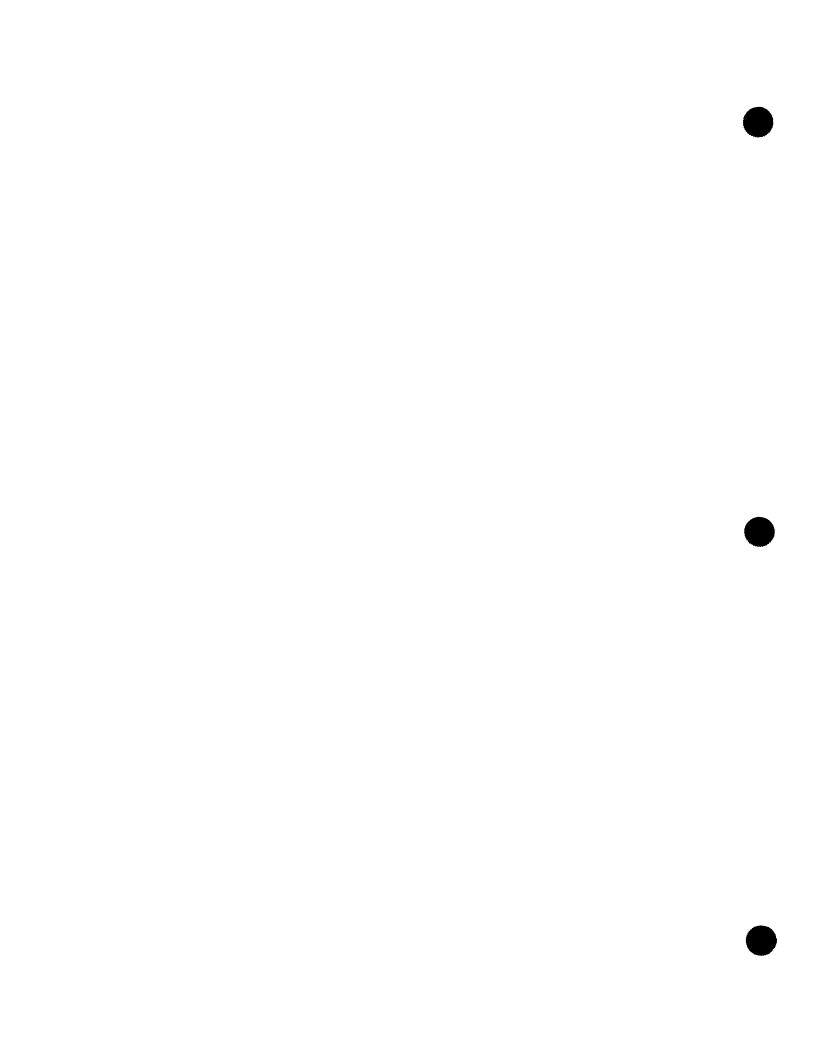
- The assets of the City of Tomball exceeded its liabilities at the close of the most recent fiscal year by \$ 90,664,834 (net position). Of this amount, \$10,694,702 is unrestricted net position for governmental activities and \$10,960,950 for business-type activities.
- The City's net position increased by \$5,533,180. This included an increase of \$218,344 in unrestricted net position, an increase of \$5,658,904 in net investment in capital assets, and a decrease of \$344,068 in restricted net position.
- As of the close of the current fiscal year, the City of Tomball's governmental funds reported combined ending fund balances of \$ 37,019,902. Of the ending fund balance, \$23,370,264 is restricted for specific purposes (e.g., capital projects, debt service); \$167,060 is committed for specific purposes; \$127,671 is assigned by the City for specific purposes; \$14,435 is non-spendable and \$13,340,472 is unassigned and available to meet the government's ongoing obligations in accordance with the City's fund designation and fiscal policies.

#### **OVERVIEW OF THE FINANCIAL STATEMENTS**

This discussion and analysis is intended to serve as an introduction to the City's basic financial statements. The City's basic financial statements comprise three components: 1) government-wide financial statements, 2) fund financial statements, and 3) notes to the financial statements. This report also contains other supplementary information in addition to the basic financial statements themselves.

#### **Government-wide Financial Statements**

The government-wide financial statements are designed to provide readers with a broad overview of the City's finances, in a manner similar to a private-sector business.



The Statement of Net Position presents information on all of the City's assets and liabilities, with the difference between the two reported as net position. Over time, increases or decreases in net position serve as useful indicators of whether the financial position of the City is improving or deteriorating. This statement combines and consolidates governmental funds' current financial resources (short-term spendable resources) with capital assets and long-term obligations. Other non-financial factors should also be taken into consideration, such as changes in the City's property tax base and the condition of the City's infrastructure (i.e. roads, drainage improvements, storm sewer, gas distribution, water distribution and sewer collection lines, etc.), to assess the overall financial condition of the City.

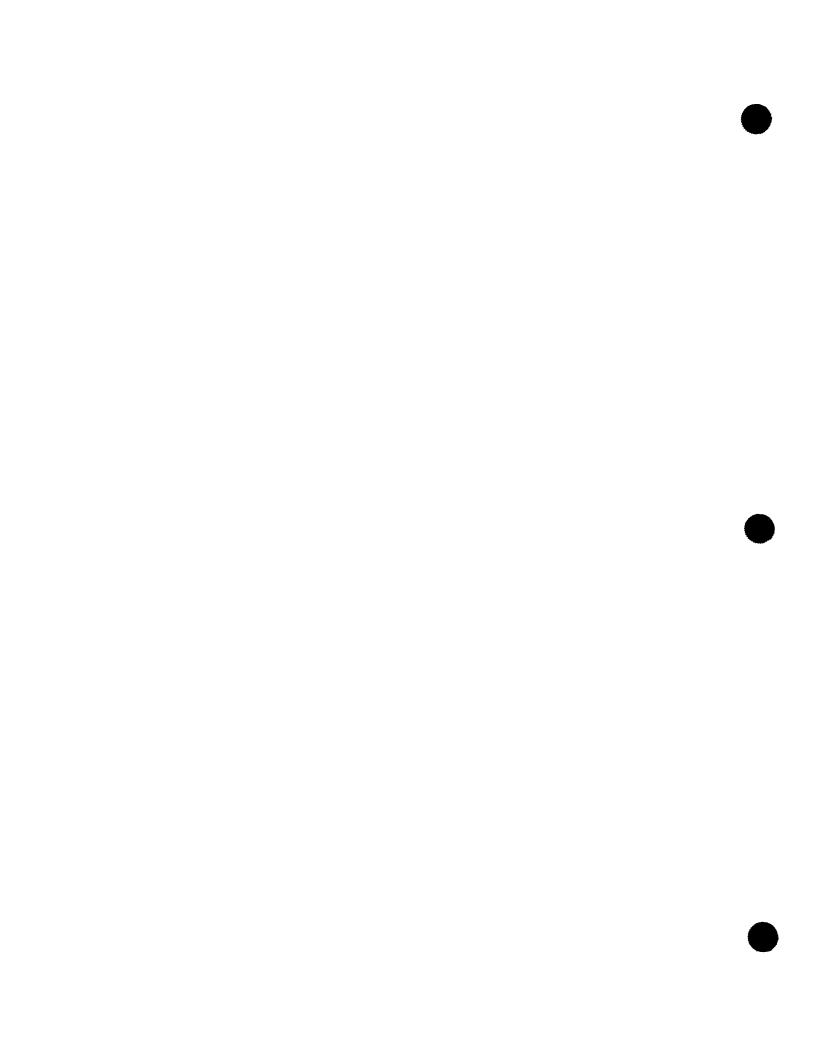
The Statement of Activities presents information showing how the City's net position changed during the fiscal year. All of the current year's revenues and expenses are taken into account regardless of when cash is received or paid. Thus, revenues and expenses are reported in this statement for some items that will only result in cash flows in future fiscal periods (e.g., uncollected taxes and earned but not used compensated absences). Both the statement of net position and the statement of activities are prepared utilizing the accrual basis of accounting as opposed to the modified accrual basis used in the governmental fund statements.

Both of the government-wide financial statements distinguish functions of the City that are principally supported by taxes and intergovernmental revenues (governmental activities) from functions that are intended to recover all or a significant portion of their costs through user fees (business-type activities).

- Governmental activities include most of the City's basic services, (general government, public safety, public works and community services). Property taxes, sales taxes, and franchise fees primarily finance these activities.
- Business-type activities include the City's water, sewer, and gas system. Charges for services cover all or most of the costs for these services.
- Component Unit activities include activities of The Tomball Economic Development Corporation.

#### **Fund Financial Statements**

A fund is a grouping of related accounts that is used to maintain control over resources that have been segregated for specific activities or objectives. Fund accounting is used by state and local governments to control and manage money for particular purposes and to ensure finance-related legal requirements. The City uses two fund types – governmental and proprietary.



• Governmental funds – Similar to the governmental activities in the government-wide financial statements. However, unlike the government-wide financial statements, governmental funds focus on current sources and uses of spendable resources. The governmental fund statements provide a detailed short-term view of the City's general government operations and help you to determine whether resources are available in the near future to finance City programs. Comparing the information presented for governmental funds with the information presented for governmental activities in the government-wide financial statements will help the reader to better understand the long-term impact of the government's near-term financing decisions. The governmental funds balance sheet and statement of revenues, expenditures, and changes in fund balances include a reconciliation to provide such comparison.

The City maintains ten governmental funds. Information is presented separately in the governmental funds balance sheet and the governmental fund statement of revenues, expenditures, and changes in fund balances for the General Fund, the Debt Service Fund and the Capital Projects Fund; these funds are considered to be major funds. The other seven funds are combined into a single, aggregated presentation. Individual fund data for each of these non-major governmental funds is provided in the form of combining statements found in this report.

Proprietary funds – The City maintains two types of proprietary funds. The City uses the
Enterprise Fund for water, sewer, and gas operations. The Enterprise Fund reports the
same functions presented as business-type activities in the government-wide financial
statements. The second proprietary fund is the Internal Service Fund. This fund is used
to account for fleet replacements and employee benefits. The Internal Service Fund is
included within the governmental activities in the government-wide financial statements.

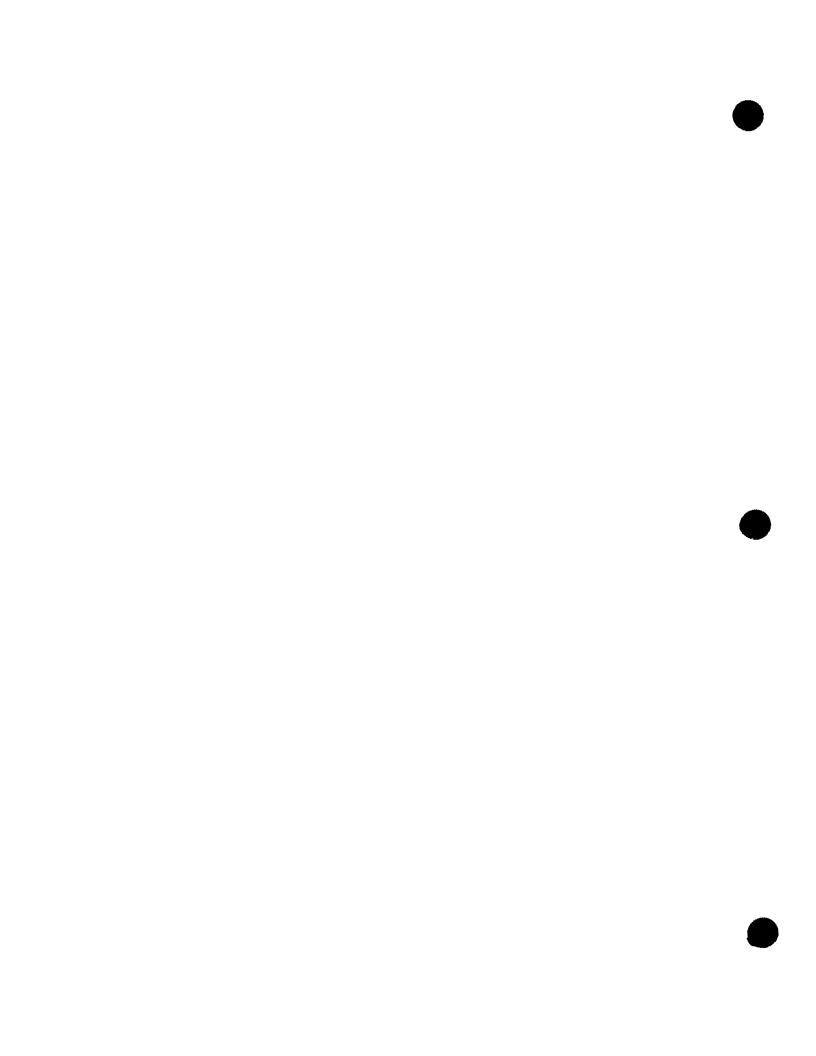
Proprietary fund financial statements provide the same type of information as the government-wide financial statements, with more detail, and include the Internal Service Fund type activity.

#### **Notes to the Financial Statements**

The notes provide additional information that is essential to a full understanding of the data provided in the government-wide and fund financial statements.

#### Other Information

In addition to the basic financial statements and accompanying notes, this report also presents combining and individual fund statements and schedules that further support the information in the financial statements. These statements are presented immediately following the notes to the financial statements.



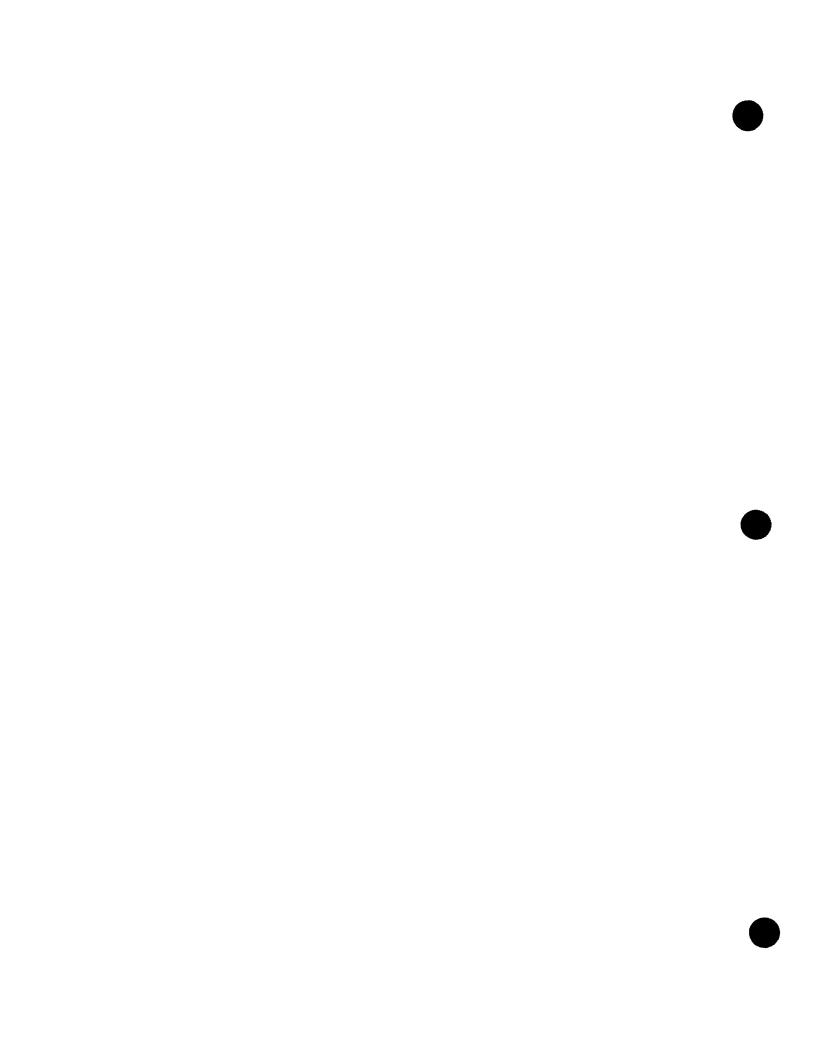
#### **GOVERNMENT-WIDE FINANCIAL ANALYSIS**

The City's assets exceed liabilities by \$90.7 million as of September 30, 2015. The largest portion of the City's net position (71%) reflects its investments in capital assets (e.g., land, buildings, equipment, improvements, construction in progress and infrastructure), less any related debt used to acquire those assets that is still outstanding. The City uses these capital assets to provide services to citizens; therefore, these assets are not available for future spending. It should be noted that the resources needed to repay this debt must be provided from other sources, since the capital assets themselves cannot be used to liquidate these liabilities.

#### CITY OF TOMBALL'S NET POSITION

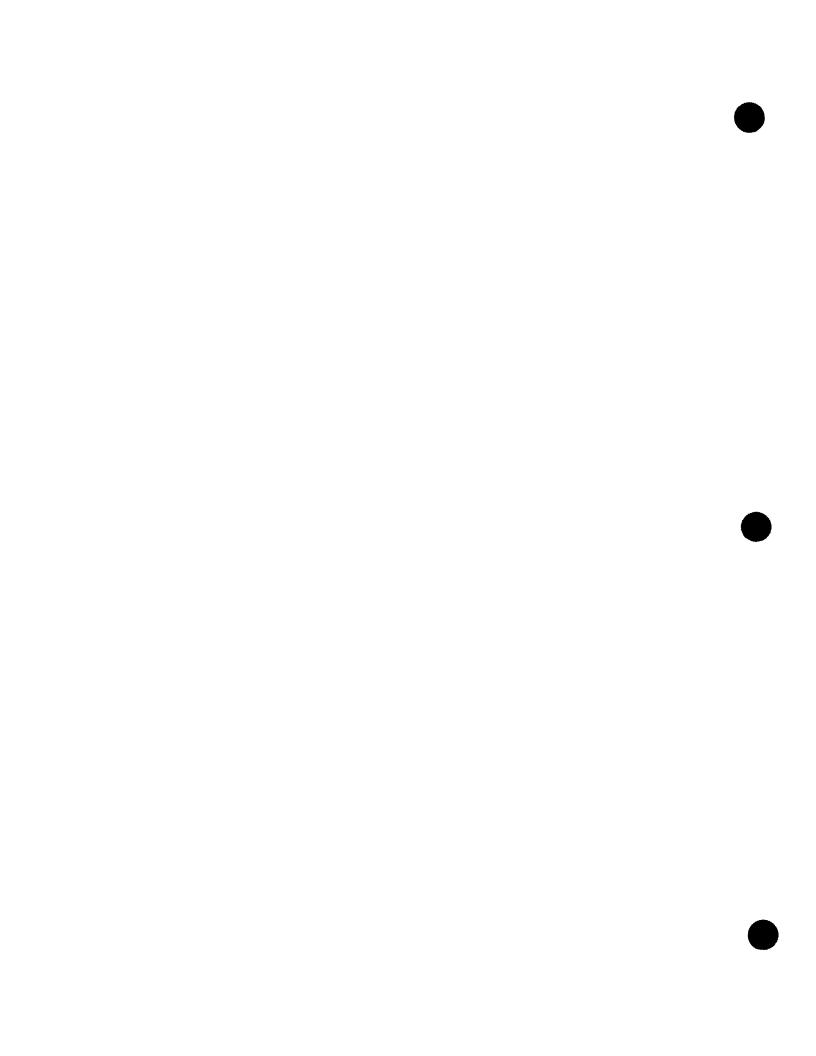
	Governme	ntal Activities	Business-type Activities	Totals
	2015	2014	2015 . 2014	2015 2014
Current and other assets	\$ 41,754,802	\$ 44,326,885	<b>\$</b> 13,036,258 <b>\$</b> 14,250,852	\$ 54,791,060 \$ 58,577,737
Capital assets	42,280,309	37,259,410	<u>37,546,729</u> <u>38,068,770</u>	79,827,038 75,328,180
Total assets	84,035,111	81,586,295	50,582,987 52,319,622	134,618,098 133,905,917
Total deferred outflows				
of resources	1,381,985	394,282	180,257	1,562,242 394,282
Long-term liabilities	33,882,012	31,928,599	4,412,941 6,358,235	38,294,953 38,286,834
Other liabilities	5,212,757	4,737,895	1,946,830 2,659,610	7,159,587 7,397,505
Total liabilities	39,094,769	36,666,494	• 6,359,771 9,017,845	45,454,540 45,684,339
Total deferred inflows				
of resources	52,014	<u>.</u>		60,966
Net position: Net investment in				
capital assets	31,267,016	28,189,848	33,433,571 30,851,835	64,700,587 59,041,683
Restricted	4,308,595	3,557,490	- 1,095,173	4,308,595 4,652,663
Unrestricted	10,694,702	13,566,745	10,960,950 11,354,769	21,655,652 24,921,514
Total net position	\$46,270,313	\$45,314,083	\$ 44,394,521 \$ 43,301,777	\$ 90,664,834 \$ 88,615,860

Combined governmental and business-type activities increased the City's net position by \$5,533,180 in 2015. The following table provides a summary of the City's operations for the year ended September 30, 2015. Governmental activities increased the City of Tomball's net position by \$3,928,839. This increase is primarily related to the increase in sales tax revenues over the fiscal year in the Retail and Services industries. Business-type activities increased the City's net position by \$1,604,341.



### **CITY OF TOMBALL'S CHANGES IN NET POSITION**

	Governmental Activities		Business-	Business-type Activities	Totals	
	2015	2014 .	2015	2014	2015	2014
					,	
Revenues:				_		
Program revenues:						
Charges for services	\$ 3,694,337	\$ 3,762,025	\$ 10,908,120	\$ 11,336,758	\$ 14,602,457	\$ 15,098,783
Operating grants	1 000 007	1044004	<b>670.000</b>	(70.000	1 500 005	2 51 4 22 4
and contributions	1,039,237	1,844,224	670,000	670,000	1,709,237	2,514,224
Capital grants						
and contributions General revenues:	-	-	-	-	-	-
Property taxes	5,241,928	5,009,955			5,241,928	5,009,955
Sales taxes	10,839,818	10,532,691	•		10,839,818	10,532,691
Franchise taxes	1,282,598	1,253,077			1,282,598	1,253,077
Other taxes	538,843	590,910	_	_	538,843	590,910
Gain on sale	330,013	3,510			330,043	370,710
of capital assets	17,634	-		_	17,634	
Investment earnings	40,115	30,636	33,771	( 1.417)	73,886	29,219
Miscellaneous	475,712	253,375	47,847	45,800	523,559	299,175
Total revenues	23,170,222	23,276,893	11,659,738		34,829,960	35,328,034
Expenses:					<del></del>	<del></del>
General government	4,968,344	4,789,051	979,161	909,211	5,947,505	5,698,262
Public safety	8,493,353	8,069,621	777,101	707,211	8,493,353	8,069,621
Public works	6,181,783	6,137,989	_	_	6,181,783	6,137,989
Community services	313,713	338,381	_	_	313,713	338,381
Water	-	-	3,087,563	2,962,612	3,087,563	2,962,612
Sewer	_	-	2,418,443	1,978,197	2,418,443	1,978,197
Gas	-	-	1,963,162	2,229,583	1,963,162	2,229,583
Interest on long-term			,,	_,,	2, -2,	_,,
debt, fiscal agent fees	891,258	926,584	-	245,129	891,258	1,171,713
Total expenses	20,848,451	20,261,626	8,448,329	8,324,732	29,296,780	28,586,358
•						
Increases/(Decrease) in net por before transfers	2,321,771	3,015,267	3,211,409	3,726,409	5,533,180	6,741,676
	. ,		3,211,409	3,720,409	3,333,160	0,741,070
Transfers	1,607,068	1,691,621	( 1,607,068)	( 1,691,621)	<u>+</u>	
Change in net position	3,928,839	4,706,888	1,604,341	2,034,788	5,533,180	6,741,676
Net position, beginning- as originally reported	45,314,083	41,063,373	43,301,777	41,368,304	. 88,615,860	82,431,677
Implementation of change in accounting principle	(2,972,609)	( 456,178)	(511,597)	( 101,315)	(3,484,206)	( 557,493)
Net position, beginning- restated	42,341,474	40,607,195	42,790,180	41,266,989	85,131,654	81,874,184
Net position, ending	\$ 46,270,313	\$ 45,314,083	\$ 44,394,521	\$ 43,301,777	\$ 90,664,834	\$ 88,615,860



#### FINANCIAL ANALYSIS OF THE GOVERNMENT'S FUNDS

#### **Governmental Funds**

At the end of the current fiscal year, the City's governmental funds reported combined ending fund balances of \$37,019,902. Approximately 36% of this amount (\$13,340,472) is unassigned fund balance; however, \$127,671 is assigned for encumbrances at year-end for the General Fund and \$167,060 is committed in the Special Revenue Funds for City functions; \$23,384,699 is non-spendable or restricted as follows:

Non-spendable	(.04%)
---------------	--------

Prepaid items \$ 14,435

Restricted (63%)

Debt service \$ 3,081,703
 Construction 18,936,347
 Enabling legislation 1,352,214

In the General Fund, fund balance increased by \$68,539. This increase was primarily due to an increase in Sales Tax revenues. The Debt Service Fund Balance increased by \$444,848 primarily from an increase in property tax revenues.

#### **Proprietary Fund**

Unrestricted net position of the respective proprietary funds are Enterprise (water, sewer, gas) of \$10,684,955 and Internal Service Fund (fleet replacement fund and employee benefits trust fund) of \$2,683,448. The net position of the water, sewer, and gas fund increased \$1,457,669. Inter-fund transfers were less than the previous year. Actual revenues from water, sewer, and gas sales decreased during the year because of both a mild winter and more rainfall during the summer. Net position of the internal service fund increased \$359,657. This was due primarily to an increase in the participant's cost of group health insurance coverage.

#### **General Fund Budgetary Highlights**

The budget for the 2014-2015 General Fund increased from the previous year, 2013-2014. Additional supplemental expenditures in the amount of \$1,361,344 were approved together with vehicle replacements of \$502,247 and cash funded capital expenditures of \$1,465,675.

There was not a significant change to Fund Balance with an increase from the beginning of the year of \$68,539. The beginning fund balance of \$13,414,039 increased to \$13,482,578.

