JOHN N. HUGHES Attorney at Law Professional Service Corporation 124 West Todd Street Frankfort, Kentucky 40601

Telephone: (502) 227-7270

jnhughes@johnnhughespsc.com

April 22, 2019

Gwen Pinson Executive Director Public Service Commission 211 Sower Blvd. Frankfort, KY 40601

> Re: Atmos Energy Corporation: Case No. 2018-00281

Dear Ms. Pinson:

Atmos Energy Corporation submits its completed responses to the Commission's Post Hearing Data Requests PHDR -1, which were not previously filed.

I certify that the electronic filing is a complete and accurate copy of the original documents to be filed in this matter, which will be filed within two days of this submission and that there are currently no parties in this proceeding that the Commission has excused from participation by electronic means.

If you have any questions about this matter, please contact me.

Very truly yours,

John M. Higher

John N. Hughes

And

Mark R. Hutchinson Wilson, Hutchinson and Littlepage 611 Frederica St. Owensboro, KY 42301 270 926 5011 randy@whplawfirm.com

Attorneys for Atmos Energy Corporation

BEFORE THE PUBLIC SERVICE COMMISSION

IN THE MATTER OF RATE APPLICATION OF ATMOS ENERGY CORPORATION

Case No. 2018-00281

AFFIDAVIT

)

The Affiant, Joe T. Christian, being duly sworn, deposes and states that the attached responses to Commission Staff's first post-hearing request for information are true and correct to the best of his knowledge and belief.

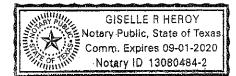
Joe T. Ch istian

STATE OF COUNTY OF

SUBSCRIBED AND SWORN to before me by Joe T. Christian on this the 2^{-1} day of April, 2019.

Notary Public

My Commission Expires: $\frac{9}{1}\frac{2020}{2020}$



th

BEFORE THE PUBLIC SERVICE COMMISSION

)

)

)

IN THE MATTER OF RATE APPLICATION OF ATMOS ENERGY CORPORATION

Case No. 2018-00281

AFFIDAVIT

The Affiant, Mark A. Martin, being duly sworn, deposes and states that the attached responses to Commission Staff's first post-hearing request for information are true and correct to the best of his knowledge and belief.

STATE OF ____ COUNTY OF

SUBSCRIBED AND SWORN to before me by Mark A. Martin on this the 18 day of April, 2019.

<u>Jame M. Henduson</u> Notary Public

My Commission Expires:

Joanne M. Henderson NOTARY PUBLIC State at Large, Kentucky ID # 596005 My Commission Expires 3/22/2022

BEFORE THE PUBLIC SERVICE COMMISSION

)

)

)

IN THE MATTER OF RATE APPLICATION OF ATMOS ENERGY CORPORATION

Case No. 2018-00281

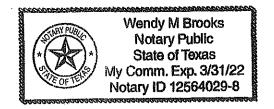
AFFIDAVIT

The Affiant, John S. McDill, being duly sworn, deposes and states that the attached responses to Commission Staff's first post-hearing request for information are true and correct to the best of his knowledge and belief.

John S. McDill

STATE OF TEXAS COUNTY OF Dallas

SUBSCRIBED AND SWORN to before me by John S. McDill on this the 1/2 day of April, 2019.



ai Cart
ALENDERM. T HOOKS
Notary Public
My Commission Expires: 33122

BEFORE THE PUBLIC SERVICE COMMISSION

)

)

IN THE MATTER OF RATE APPLICATION OF ATMOS ENERGY CORPORATION

Case No. 2018-00281

AFFIDAVIT

The Affiant, Gregory W. Smith, being duly sworn, deposes and states that the attached responses to Commission Staff's first post-hearing request for information are true and correct to the best of his knowledge and belief.

Gregory W. Smith

STATE OF <u>*IENNESSEE*</u> COUNTY OF <u>Williamson</u>

SUBSCRIBED AND SWORN to before me by Gregory W. Smith on this the 11 H day of April, 2019.

leasant Notary Public

My Commission Expires: <u>MARCh 3</u>, 2020



BEFORE THE PUBLIC SERVICE COMMISSION

)

)

IN THE MATTER OF RATE APPLICATION OF ATMOS ENERGY CORPORATION

Case No. 2018-00281

AFFIDAVIT

The Affiant, Gregory K. Waller, being duly sworn, deposes and states that the attached responses to Commission Staff's first post-hearing request for information are true and correct to the best of his knowledge and belief.

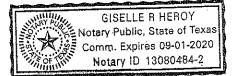
allos Gregory K. Waller

STATE OF Dollan) COUNTY OF

SUBSCRIBED AND SWORN to before me by Gregory K. Waller on this the <u>day</u> of April, 2019.

Notary Public

My Commission Expires: 9/1/2024



łh

Case No. 2018-00281 Atmos Energy Corporation, Kentucky Division Staff Post-Hearing DR Set No. 1 Question No. 1-05 Page 1 of 1

REQUEST:

Refer to the Rebuttal Testimony of Gregory K. Waller, Exhibit GKW-R-1, page 108 of 121.

- a. For fiscal years ending 2009 through 2018, provide a schedule that compares each state's regulated net income and its percentage to Atmos's total regulated net income.
- b. For fiscal years ending 2009 through 2018, provide a schedule that compares each state's regulated cash flow and its percentage to Atmos's total regulated cash flow.

RESPONSE:

- a. Please see Attachment 1.
- b. Consistent with the Company's legal structure that includes all of its utility jurisdictions within a single legal entity, the Company is not able to distinguish a particular state's cash flow (or capitalization) from the corporate entity.

ATTACHMENT:

ATTACHMENT 1 - Atmos Energy Corporation, Staff Post-Hearing_1-05_Att1 - Net Income by State.xls, 1 Page.

Respondent: Greg Waller

Atmos Energy Corporation Net Income by State Fiscal 2009 through Fiscal 2018

State	Fiscal 2009	%	Fiscal 2010	%	Fiscal 2011	%	Fiscal 2012	%	Fiscal 2013	%	Fiscal 2014	%	Fiscal 2015	%	Fiscal 2016	%	Fiscal 2017	%	Fiscal 2018	%
Kentucky	7,703,185	4%	8,933,990	4%	12,651,427	6%	12,740,780	6%	10,912,659	4%	14,919,498	5%	15,095,841	5%	17,374,827	5%	22,922,719	6%	24,252,018	4%
Tennessee	8,308,814	4%	8,406,182	4%	8,897,927	4%	12,648,433	6%	11,798,081	5%	12,344,056	4%	10,894,043	3%	12,370,490	4%	14,888,353	4%	21,501,310	4%
Virginia	1,545,472	1%	2,369,070	1%	2,176,535	1%	1,589,398	1%	1,022,194	0%	718,237	0%	3,672,917	1%	2,931,276	1%	2,474,742	1%	7,545,701	1%
Louisiana	19,270,680	10%	19,075,237	9%	22,590,046	11%	23,253,825	11%	21,967,148	9%	24,435,425	8%	22,949,834	7%	28,622,463	8%	35,741,380	9%	44,553,714	7%
Colorado	3,954,612	2%	5,507,527	3%	5,654,200	3%	7,240,725	3%	3,801,849	2%	4,298,625	1%	4,496,733	1%	6,710,774	2%	6,896,107	2%	8,561,730	1%
Kansas	5,108,717	3%	5,178,084	3%	7,206,658	3%	7,763,052	4%	7,291,218	3%	7,919,233	3%	8,325,244	3%	9,321,691	3%	11,596,136	3%	13,854,061	2%
Mississippi	7,246,130	4%	9,983,129	5%	10,442,563	5%	11,674,323	5%	12,113,228	5%	11,843,442	4%	15,613,065	5%	19,570,848	6%	20,835,107	5%	28,301,654	5%
Texas-Distribution	56,431,624	30%	62,863,528	31%	75,255,983	36%	68,975,042	32%	84,867,568	35%	107,405,301	37%	122,477,456	39%	132,170,122	38%	146,164,495	37%	229,465,031	38%
Atmos Pipeline- Texas	41,056,246	21%	41,485,931	20%	52,415,240	25%	63,059,405	29%	68,260,315	28%	86,191,060	30%	94,662,234	30%	101,689,132	29%	107,423,624	27%	149,321,344	25%
Other	40,352,059	21%	42,036,248	20%	10,310,651	5%	7,771,523	4%	21,158,991	9%	19,742,374	7%	16,887,118	5%	19,342,407	6%	27,478,310	7%	75,707,285	13%
Total Company	190,977,539	100%	205,838,926	100%	207,601,231	100%	216,716,505	100%	243,193,250	100%	289,817,251	100%	315,074,485	100%	350,104,028	100%	396,420,973	100%	603,063,848	100%

the second the second

Note: Fiscal 2018 includes the impact of the Tax Cuts and Jobs Act.

-

Case No. 2018-00281 Atmos Energy Corporation, Kentucky Division Staff Post-Hearing DR Set No. 1 Question No. 1-06 Page 1 of 1

REQUEST:

Refer to Atmos's response to Commission Staff's Fifth Request for Information, Item 2, Attachment 1, and explain whether any of the listed projects were designed by an engineering firm under the same contract or constructed by a contractor pursuant to the same contract.

RESPONSE:

The Company does not believe that any of the projects listed in Confidential Attachment 1 to the Company's response to Staff DR No. 5-02 were designed or constructed "under the same contract" or "pursuant to the same contract" as in the manner described in the question.

As is typical in the industry, the Company has "Master Service Agreements" with multiple engineering/contractors, and an engineer/contractor could work on multiple projects that are all under that Master Service Agreement. However, individual project on the referenced attachment would also be performed pursuant to a separate Task Request Form when work is assigned.

Additionally, the Company would point out that it is very common for an individual project to be worked on by multiple contractors. It is highly unlikely that a single contractor can perform all of the various tasks (Pipeline Construction, Engineering, Construction Inspection, X-Ray/NDT, Environmental Permitting, ROW and Easement Acquisition, etc.) required by an individual project.

Respondent: Greg Smith

Case No. 2018-00281 Atmos Energy Corporation, Kentucky Division Staff Post-Hearing DR Set No. 1 Question No. 1-13 Page 1 of 1

REQUEST:

Refer to Atmos's Response to Staff's Third Request, Item 27, Attachment 1. Provide the risk assessment study and risk ranking for each project.

RESPONSE:

As stated in the Company's response to Staff Post-Hearing DR No. 1-12, the Company does not have a quantitative "risk-ranking for pipeline replacement projects" for Kentucky. The Company does have a "risk assessment" for its distribution assets in the state, its Distribution Integrity Management ("DIM") plan.

The DIM plan identifies threats to Company assets in Kentucky by cost center, and not by individual pipeline segment. Therefore, the Company's response to Staff DR No. 3-27, Attachment 1, which lists individual projects, is more granular than the risk assessment created by the DIM plan. Also, as stated in the Company's response to Staff Post-Hearing DR No. 1-12, the DIM is not the sole source of information used for determining which assets to replace in Kentucky.

There is no "risk assessment study" listing each of the proposed projects. If asked to rank them, as stated in his testimony at hearing, Company witness Smith would rank the projects that are part of the Company's bare steel pipe replacement program as the highest priority. Next would come "System Integrity" projects, and then would come "System Improvement" projects.

"Growth" projects are not proposed to respond to risk and cannot be risk-ranked. Similarly, projects described as "Public Improvement," "Equipment," "Structure," and "Information Technology" cannot readily be prioritized based upon risk.

Respondent: Greg Smith

Case No. 2018-00281 Atmos Energy Corporation, Kentucky Division Staff Post-Hearing DR Set No. 1 Question No. 1-14 Page 1 of 2

REQUEST:

With the approved level of capital spending for fiscal year 2019, state the rate at which Atmos would replace all pipes in its system in each state in which it operates (e.g. Atmos testified that it would be 95 years for the Commonwealth of Kentucky).

RESPONSE:

The calculation of replacement cycle for the purpose of this response is simply the number of miles of infrastructure currently in service divided by the number of miles that are projected to be replaced each year. If these factors hold true over an extended period of time, then it should indicate a forecast of long term system age. It is important to note that a single year of replacement reflects the relative progress at a point in time and that other factors will effect a complete timeline cycle of replacement (In Tennessee, for example, a significant percentage of the investment is spent on growth and public improvements i.e. road relocations). The table below reflects the amount of pipe that is planned for replacement or abandonment in the other states that Atmos Energy operates. Atmos Energy is currently filing for a pipe replacement program in Virginia, which targets unlocatable plastic. If approved, Virginia would have a similar replacement cycle as Texas and Kentucky.

The slide below reflects Atmos Energy's commitment to infrastructure replacement on a corporate level.

Jurisdiction	Distribution Pipe - Replaced or Abandoned (Miles)	Distribution Pipe Inventory - 2017 DOT Report (Miles)	Replacement Cycle (years)
ТХ	406	38,723	95
KS	17.5	3,658	209
VA	2.5	703	281
TN	12	3,545	295
MS	51	6,493	127
LA	196	8,727	45
CO	10	3,201	320

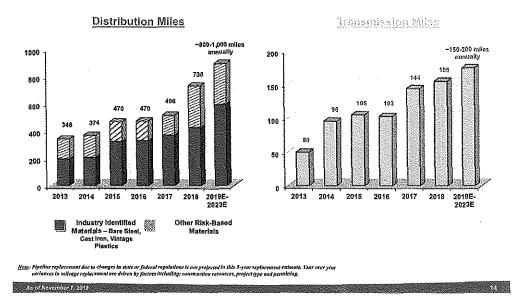
Replacement Cycle: Distribution Pipe - Replaced or Abandoned

Case No. 2018-00281 Atmos Energy Corporation, Kentucky Division Staff Post-Hearing DR Set No. 1 Question No. 1-14 Page 2 of 2

Pipe Replacement Mileage



Estimated Miles Replaced by Fiscal Year - An Ongoing Commitment



Respondent: John McDill

Case No. 2018-00281 Atmos Energy Corporation, Kentucky Division Staff Post-Hearing DR Set No. 1 Question No. 1-18 Page 1 of 1

REQUEST:

Provide the amount of flotation costs included in the return on equity (ROE) for each state in which Atmos operates.

RESPONSE:

While flotation costs have not been explicitly approved or cited in Orders from the Company's other states, Company expert witnesses, including Dr. Vander Weide in the instant case, have provided testimony and support for their inclusion as a prudent variable in determining a fair and reasonable rate of return on equity.

Respondent: Joe Christian

Case No. 2018-00281 Atmos Energy Corporation, Kentucky Division Staff Post-Hearing DR Set No. 1 Question No. 1-19 Page 1 of 2

REQUEST:

Provide Atmos's ROE by state for the three fiscal years ending September 30, 2018.

RESPONSE:

Please see the Company's response to Staff DR No. 2-59, which is repeated here for convenience:

Please see the most recent Atmos Energy 10-K, page 7, publicly available on the Company's website at http://www.investquest.com/iq/a/ato/fin/10k/index.htm for the most recently awarded ROE.

The most current available earned return for jurisdictions where the calculation is performed as part of earnings monitoring reports or rate models is as follows:

State	Filing	ROE	ROR
Colorado			8.07%
Louisiana	TLA	10.91%	
Louisiana	LGS	9.71%	
Mississippi		8.58%	
Tennessee			8.19%
Texas	Mid-Tex		6.77%
Texas	WT		6.89
Virginia	AIF	10.08%	

The Company does not have earned returns available for its distribution utilities that are not listed in the chart above.

Please also see the Company's response to Staff DR No. 3-12 from Case No. 2017-00349, which is repeated here for convenience:

a) The most current available earned return for jurisdictions where the calculation is performed as part of earnings monitoring reports or rate models is as follows:

Case No. 2018-00281 Atmos Energy Corporation, Kentucky Division Staff Post-Hearing DR Set No. 1 Question No. 1-19 Page 2 of 2

State	Filing	ROE	ROR
Colorado			7.67%
Louisiana	TLA	9.19%	
Louisiana	LGS	7.98%	
Mississippi		9.20%	
Tennessee		8.26%	
Texas	Mid-Tex		7.05%
Texas	WT		6.44%
Virginia	AIF	9.48%	

Respondent: Joe Christian

Case No. 2018-00281 Atmos Energy Corporation, Kentucky Division Staff Post-Hearing DR Set No. 1 Question No. 1-20 Page 1 of 1

REQUEST:

Provide Atmos's size premium contained in the ROE granted by state using each state's most recent proceeding.

RESPONSE:

While size premium has not been explicitly approved or cited in Orders from the Company's other states, Company expert witnesses, including Dr. Vander Weide in the instant case, have provided testimony and support for its inclusion as a prudent variable in determining a fair and reasonable rate of return on equity.

Respondent: Joe Christian

Case No. 2018-00281 Atmos Energy Corporation, Kentucky Division Staff Post-Hearing DR Set No. 1 Question No. 1-29 Page 1 of 1

REQUEST:

Provide how many miles of each type of pipeline are left in Atmos's system in Kentucky and how many miles are supposed to be replaced. (e.g., bare steel, low-pressure systems, Aldyl-A, unlocatable plastic pipe, etc.)

RESPONSE:

- 188 miles of Bare Steel
- 210 miles of Aldyl-A and Unlocatable plastic
- 45 miles of Low Pressure (of which 60% already is bare steel and included within the bare miles above)

As stated in the testimony of Greg Smith, the company plans to continue Bare Steel pipe replacement on the schedule already stipulated by Case No. 2017-00349. At this time, LP system replacement is scheduled to be complete in FY2023. We do not have a timeline for completion of Aldyl-A/Unlocatable plastic. Projects targeting this material type extend past our current 5 year plan.

Respondent: Greg Smith

Case No. 2018-00281 Atmos Energy Corporation, Kentucky Division Staff Post-Hearing DR Set No. 1 Question No. 1-30 Page 1 of 2

REQUEST:

In Mr. McDill's rebuttal testimony, he stated that Texas has enacted policy measures that mandate the replacement of a certain percentage of high relative risk assets on an annual basis.

- a. Provide the percentage of high relative risk assets that Texas policy require Atmos to replace on an annual basis.
- b. Provide the percentage of high relative risk assets that Atmos actually replaces in Texas on an annual basis.
- c. Describe how a high relative risk asset is defined.

RESPONSE:

- a. Pursuant to Texas Administrative Code ("TAC") §8.209(h): "Unless otherwise approved in an operator's risk-based plan, all replacement programs require a minimum annual replacement of 5% of the pipeline segments or facilities posting the greatest risk and identified for replacement pursuant to this section."
- b. The Company has consistently exceeded the minimum requirements of TAC §8.209. The actual percentage of high relative risk assets replaced varies from year to year. The actual footage replaced for each year in the Company's Mid-Tex Division is shown on its annual 8.209 reports to the RRC, which are included as Attachment 1 through Attachment 6 to this response. The actual footage replaced for each year in the Company's West Texas Division is shown on its annual 8.209 reports to the RRC, which are included as Attachments 7 through Attachment 10 to this response.
- c. Pursuant to TAC §8.209(e): "Each operator must create a risk model that will identify by segment those lines that pose the highest risk ranking or consequence of failure. The determination of risk is based on the degree of hazard associated with the risk factors assigned to the pipeline segments or facilities within each of the operator's distribution systems. The priority of service line or facility replacement is determined by classifying each pipeline segment or facility based on its degree of hazard associated with each risk factor." The factors to be considered are described in more detail in TAC §8.209. Also, please see Attachment 11 to this response, which is the Company's most recently approved Atmos Energy Distribution Facilities Replacement Written Plan for Texas.

Case No. 2018-00281 Atmos Energy Corporation, Kentucky Division Staff Post-Hearing DR Set No. 1 Question No. 1-30 Page 2 of 2

ATTACHMENTS:

ATTACHMENT 1 - Atmos Energy Corporation, Staff Post-Hearing_1-30_Att1 - 8.209_annual_2015.pdf, 7 Pages.

ATTACHMENT 2 - Atmos Energy Corporation, Staff Post-Hearing_1-30_Att2 - 8.209_annual_2016.pdf, 9 Pages.

ATTACHMENT 3 - Atmos Energy Corporation, Staff Post-Hearing_1-30_Att3 - 8.209_annual_2016_revised.pdf, 1 Page.

ATTACHMENT 4 - Atmos Energy Corporation, Staff Post-Hearing_1-30_Att4 - 8.209_annual_2017.pdf, 8 Pages.

ATTACHMENT 5 - Atmos Energy Corporation, Staff Post-Hearing_1-30_Att5 - 8.209_July 2_2018_Supplement.pdf, 4 Pages.

ATTACHMENT 6 - Atmos Energy Corporation, Staff Post-Hearing_1-30_Att6 - 8.209_annual_2018.pdf, 12 Pages.

ATTACHMENT 7 - Atmos Energy Corporation, Staff Post-Hearing_1-30_Att7 - 2015 Completion Report Submission.pdf, 4 Pages.

ATTACHMENT 8 - Atmos Energy Corporation, Staff Post-Hearing_1-30_Att8 - 2016 Completion Report Submission.pdf, 4 Pages.

ATTACHMENT 9 - Atmos Energy Corporation, Staff Post-Hearing_1-30_Att9 - 2017 Completion Report Submission.pdf, 4 Pages.

ATTACHMENT 10 - Atmos Energy Corporation, Staff Post-Hearing_1-30_Att10 - 2018 Completion Report Submission.pdf, 4 Pages.

ATTACHMENT 11 - Atmos Energy Corporation, Staff Post-Hearing_1-30_Att7 - Written Plan 8.209.pdf, 8 Pages.

Respondent: John McDill

RECEIVED RRC OF TEXAS

MAR 0.9 2016 pipeline safety division austin, texas

ATMOS energy,

March 15, 2016

Ms. Kari French Director, Gas Services Division Railroad Commission of Texas

Dear Kari:

Please find attached for your review and approval the Atmos Energy Mid-Tex Division's Distribution Facilities Replacement Completion Report and Distribution Facilities Replacement Work Plan pursuant to the requirements of Railroad Commission of Texas 16 TAC 8.209 Distribution Facilities Replacement rule.

During the calendar year ending December 31, 2015, the Atmos Energy Mid-Tex Division replaced facilities based on an assessment of existing, known risk and in response to changing conditions that created risk as they presented themselves during the year (i.e. occurrence of leaks, newly identified threats). In total, the Mid-Tex Division replaced approximately 514,000 feet of steel main, 333,000 feet of cast iron main, 162,000 feet of plastic main, and 17,000 service lines. The Distribution Facilities Replacement Completion Report detailing the distribution facilities replaced by the Mid-Tex Division during the calendar year ending December 31, 2015 is included as an enclosure to this correspondence.

During the calendar year ending December 31, 2016, the Atmos Energy Mid-Tex Division will continue to replace facilities based on an assessment of existing, known risk and in response to changing conditions that create risk as they present themselves during the year. In total, the Mid-Tex Division plans to replace approximately 448,000 feet of steel main, 237,000 feet of cast iron main, 132,000 feet of plastic main, and 15,000 service lines. The Distribution Facilities Replacement Work Plan outlining the facilities proposed for replacement by the Mid-Tex Division during the calendar year ending December 31, 2016 is included as an enclosure to this correspondence.

Atmos Energy recognizes that risk characterized in the Work Plan is defined by 'known' conditions that exist within facilities in the distribution system at the time the risk assessment is performed and the Work Plan is established. A risk model cannot quantify unknown, undiscovered or unranked risk. Atmos Energy will take into account these 'unknown' conditions in any given year as they present themselves and may retire or replace facilities in order to mitigate these risks.

We appreciate the opportunity to update the Railroad Commission on work completed in 2015 and your consideration of our replacement plans for 2016. We look forward to your response.

Sincerely,

Andy Treadway Director, Regulatory and Compliance - Mid-Tex

Enclosures (2)

Distribution Facilities Replacement Completion 2015

Atmos Energy Mid-Tex Division

Completion Report (2015)

Material	Distribution Piping (ft)	Service Lines (ea)	Components (ea)
Steel	514,753	12,365	-
Cast Iron	333,635	-	-
Copper	-	57	-
Plastic	162,495	4,601	-
Misc	-	-	23,313
Grand Total	1,010,883	17,023	23,313

Work Plan (2016)

Material	Distribution Piping (ft)	Service Lines (ea)	Components (ea)
Steel	448,800	11,129	-
Cast Iron	237,600	-	-
Copper	_	500	-
Copper Plastic	132,000	4,141	-
Grand Total	818,400	15,769	20,982

Distribution Facilities Replacement Completion 2015 Atmos Energy Mid-Tex Division

	1				ud-1 cx Division			
			Piping Material	(Feet)		Service Line Material (Er		Components (Each)
City	System ID	Cast Iron	Steel	Plastic	Steel Services	Plastle Services	Copper Services	Components
Abilene Addison	211069 610005	17,628	8,243 5	1,906	322	1	-	390
Alba	310012	-	8	-	1	-	-	1
Albany	611443	-	268	-	7	4	-	5
Allen Alvarado	610007 610012	-	-	9	-	- 1	-	38 1
Alvord	610013	-	-	-	-	1	-	-
Anna	610018	-	-	-	1	1	-	9
Anson Archer City	211075 611445	-	-	-	- 5	2	-	5
Argyle	610021		-	-	-	1	-	3
Arlington	610023 310028	-	3,451	1,158	148 6	62	-	213 42
Athens ATHENS NATL GAS (Dist)	310198	-	15	-	38	-	-	-
Autorey	610031	-	•	-	-	-	-	2
Austin Ayalon	411519 610033	-	613	-	- 2	- 43	-	26 31
Avery	310056	-	-	-	-	13	-	1
Azle	610036	-	8	-	7	-	-	13
Baird Balch Springs	611446 611383	-	456	-	4 12	- 2	-	8 10
Ballinger	211078	-	596	-	9	3	-	3
Bandera	430111	-	-	-	3		-	4
Bangs Bardwell	611447 610038	-	-	-	- 8	1	-	3
Вапу	310064	-		-	-	-	-	-
Bartiett	410115	-	200	-	-		-	-
Bedford Bellevue	610042 610043	-	450	-	24 1	1	3	31
Belimead	962845	-	450	-	1	-	-	2
Bells	610044	-	-	-	1	1	-	
Belton Ben Hur	410950 961626	-	279	284	4	2	-	6
Ben Wheeler	310076	-	- 65	-	1	-		1
Benbrook	611434	-	-	-	5	2	-	45
Benjamin Bertram	110880 410132	-	- 8	-	- 5	2	-	- 6
Beverly Hills	962847	-	2,372	-	-	-	-	-
Blooming Grove	310094	-	-	-	3	1	-	1
Blossom Blue Mound	310095 612123	-	-	-	6	1	-	- 8
Blum	610048	-	-	-	-	-	-	-
Bogala	310099	-	-	-	1	1	-	2
Bonham Bowie	310101 610053	-	945 3,526	115 13	11 22	9 14	-	15 14
Boyd	610055	-	-	-	-			-
Bremond	410978	-	297	-	-	5	-	1
Bridgeport Bronte	610058 211082	-	2,300	-	29	20 2	-	70
Brookston	310108			-	-	-	-	-
Brownwood	611449	379	10,957	450	155	6	-	70
Brushy Creek Bryan	411255 411071	-	6,695	2,581	2 106	93	-	2 377
Buckhoits	410939	-	4	-	1	-	-	3
Buffalo	311779	-	5	-	5	3	-	7
Buffalo Gap Burkburnett	211083 611451	-	-	- 51	1 150	53	-	277
Burleson	610071	-	-	-	9	1	-	139
Burnel	410161	-	-	-	16	4	-	19 1
Byers Caddo Mills	611455 310124	-	200	24	- 1	1	-	1
Caldwell	411076	-	557	-	46	1	-	48
Calvert Cameron	411041 410940	301	- 837	-	3 2	- 1	-	4 I
Campbell	310125		43	-	-	-	-	-
Canton	310127	a .	-	5	6	2	-	3
Carbon	611458 610077		-	- 29	- 15	- 5	-	1 56
Carrollion Cayuga	311480	-		- 29	15	5 1	-	2
Cedar Hill	610084	-		5	6	2	-	8
Cedar Park Celeste	411284 310139	-	- 8	- 8	-	3	-	317
Celeste	610089	-	192	- -	- 2	- 1	-	- 63
Center Point	410186	-	-	-	1	2	-	1
Centerville Chandler	310141 310145	-	533	-	8	4	-	12
Chapel Hill	310968	-		-	- 1	د •	-	د ا
Chico	610098	-	-	-	ł	-	-	-
Childress	110099	-	1,843	-	20	1	-	14
Chillicothe Chilton	111024 410979	-	-	-	2	- 1	-	-
Cisco	611460	-	50	-	1	-	-	6
Clarksville	310161		-	-	3	3	-	1
Cleburne Clifton	610103 610107	42,855	282 419	187	245 15	8 2	-	384 11
Clyde	611461	-	373	-	6	2	-	9
Clyde (DRS6624)	611461	-	-		1	-	-	-

ċ

						1001		
Cockrell Hill	610134	17,080	3,160	12	71	4	_	92
Coloman	611465		1,680	-	40	14	-	18
College Station	411071	-	1,479	18	194	21	-	62.7
Colleyville	610113		11,590	1,750	13	57	-	43
Collinsville	610114	-	2,018	-	16	-	-	17
Colorado City	211089 611466	-	246 3,770	30	5 33	2	-	5 26
Comanche Comfort	410209	-	5,770 I4		2	1	-	20
Conmerce	310168	-	1,276	62	12	7	-	2
Como	310171	-	-	-	-	L	-	-
Coolidge	610121	-	-	-	2		-	1
Cooper	310174	-	-	15	-	4	-	•
Coppell	610122	-	-	1,409	2	8	-	29
Copperas Cove Corinth	410945 610125	-	-	- 90	2	1	-	2 3
Corsicana	411360	-	1,943	220	- 44	27		24
Crandall	310192	-	-	-	1	-	-	-
Crawford	610130	-	5	-	6	-	-	7
Crossroads	611198	-	-	-	-	-	~	1
Crowley	611435	-	-	-	6	2	-	12
Cumby	310218	-	-	-	1	1	-	-
Dallas Daluerthiauten Gordena	610134 611425	99,279	106,348	6,176	3,249	369	11	4,246 2
Dalworthington Gardens Dawson	311780	-	812	-	- 2	-	-	2
De Leon	611468	-	-	-	-	_	-	2
Decatur	610150	-	-	-	3	1	-	1
Denison	610153	-	2,296	177	43	21	•	52
Denison Grayson Co IP	610268	-	-	-	2	-	-	-
Denton	610162	-	11,783	19,769	31	133	-	165
Deport	310239	-	-	-	1	1	•	-
Desdemona DeSoto	611469 610148	-	310	284 1,274	- 12	5		- 26
Detroit	310241	_	583	1,274	12	3	-	6
Dodd City	310248	_	606	4	-	-	-	1
Dublin	611470	-	2,322	175	21	3	-	9
Duncanville	610180	-	2,036	195	39	8	1	45
E3 HP	632288	-	-	-	1	•	-	1
Early	611471	-	-	-	- ,,	-,	-	4
Eəstland Ector	612219 310280	-	1,015	125	7 3	1		12
Edgecliff Village	611436	-	-		5	1	-	7
Electra	611474	-	1,134	17	10	3	-	6
Elm Mott	610189	-	134	-	3	I	-	3
Elmo	310290	•	-	-	1	-	-	1
Emory	310294	-	-	-	-	•	-	1
Ennis	610191	-		286	14	6	-	12
Euless Eustace	610200 310312		14	-	34	3		58
Evant	411118	-	20		- 4	-	-	3
Evennan	612054	-	120	-	3	2	<u>.</u>	7
Fairfield	311900	-	261	10	-		-	-
Fairview	962834	•	-	5,435	-	5	-	-
Farmers Branch	610208	-	85	5,830	64	9	-	89
Farmersville	612203	-	2,325	280	15	-	-	38
Fate Ferris	610209 610210	-	3,570	- 485	1	- 5	-	- 14
Flower Mound	610215	-	4,678	485	1	2	-	8
Forest Hill	612055	-	-	-	5	18	1	12
Forney	310325		-	-	2	I		1
Forreston	610216	-	-	-	-	•	-	-
Fort Worth	610226	39,429	80,282	5,359	1,296	933	29	2,059
Fort Worth ML-10 (Hanger C-O)	610219 411043	-	-	-	1	-	-	-
Franklin Frankston	310329	-	608	-	1	1		- 1
Fredericksburg	410285	_	31	_	17	6	-	20
Frisco	610233	-	203	5	3	2	-	14
Frost	310335	-	-	-	5	-	-	2
Gaincsville	610237	-	1,887	42	8	3	-	18
Gainesville ML-03 Garland	610241 610244	-	7,215	- 187	2 285	- 26	-	- 399
Gatesville	411038	-	152	225	203	20	-	599
Georgetown	411289	<u>.</u>	1,536	370	14	11		685
Glen Rose	610256	-	2,434	81	14	•	-	16
Gleun Heights	610180	-	-	-	-	1	-	10
Godley	610259	-	-	-	-	4	-	1
Goldthwaite	611995	-	250	-	57	24	-	104
Goodlow Gorce	310503 110883	-	-	440	12 1	3	-	3
Gorman	611478		-	-	2	-	-	-
Granbury	610263	-	90	-	8	-	-	10
Grand Prairie	610265	-	15,354	40	490	146	-	704
Grandview	610266	-	43	-	2	-	-	2
Granger	410309	-	333	177	2	" 2	-	-
Grapevine	610267	-	11 4 720	5	10 26	3 11	•	15 37
Greenville Groesbeck	310388 612001	-	4,730 21	293	26	1	-	37
Gustine	611479	-	- 21	-	2		-	2
Haltom City	612026	-	3,834	94	35	42	2	95
Hamilton	411119	-	1,612	-	16	-	-	5
Hamlin	211099	-	1,302	-	1	-	-	1
Harker Heights	411047	-	3,416	404	12	12	-	9
Harrold Haskell	611481 110884	•	- 394	-	1 3	-	-	- 7
Haslet	610282	-	394 728	-	-	-	-	, -
Hawley	211100	-	-	-	-	-	-	1
Hearne	411044	-	-	-	17	4	-	16

Heath Henrietta	610283 611482	-	181 313	-	- 3	6 2	-	- 4
Hermleigh	211101		-	-	1		-	2
Hico	611999	-	28	-	4		-	-
Hickory Creek	610336	-	-	-	-	-	-	11
Highland Park	612100 610352	10,496	-	215	130	32 1	-	181 2
Highland Village Hillsboro	610288	-	4,533	429	41	7	-	54
Holland	410339	-	-		-	-	-	1
Holliday	611483	-	955	11	4	4	-	12
Honey Grove	310440	-	-	10	5	5	-	1
Howe Hubbard	610292 610293	*	-	-	- 1	- 1	-	1
Hurst	610295	-	- 71	51	55	9	-	53
Hutto	411280	-		-		-	-	128
Iowa Park	611484	-	1,134	65	8	2		20
Irving	610304	-	11,906	1,033	405	350	· _	904
Italy Itasca	610308 610309	÷	- 68	-	2 10	.	-	1 2
Jean	611488	-	-		-	-		1
Josephine	612205	-	-	-	-	2	-	-
Joshua	610315	-	-	-	2	3	-	3
Justin	610321	-	290	240	1	-		1
Kamay Kaufinan	611489 310501	-	15	25	3 11	- 4	-	3 10
Keene	610323	-	-	-	-	-	-	8
Keller	610324	-	916	694	3	8	2	18
Kemp	310502	-	31	-	-	-	-	•
Kennedale Kerens	612056 310503	-	- 364	- 5	1 7	- 4	-	25 1
Kerrville	410360	-	1,542	2,819	30	4		40
Killeen	411048	-	1,459	894	5	4	-	12
Kleberg	611384	-	-	-	-	-	-	1
Knox City	110885	-	-	-	-	-	-	1
Kosse Krum	610332 610333	-	-	-	2 1	-	-	2
L29 HP	411368	-	-	-	1	-	_	1
Lacy Lakeview	962850	-	281	-	L	-	-	2
Ladonia	310530	-	-	-	-	1	-	1
Lake Dallas	610336	-	-	-	-	1	- 1	1
Lake Worth Lakeside	612669 612668	-	-	-	11 2	_ 2	1	13 3
Lampasas	411611	-	457	-	22	2	-	32
Lancaster	610341	-	937	33	14	4	•	15
Lawn	211108	-	-	-	1	-	•	1
Leander Leona	411294 311916	-	-	2,319	- 1	-	•	807
Leonard	310546	-	- 84	-	2	1	-	- 2
Lewisville	610350	-	193	118	3	5	-	12
Lexington	410400	-	-	-	2	2	-	5
Liberty Hill	411294	-	-	-	•	-	-	39
Lillian Lindsay	610358 610360	-	-	-	-	-	-	- 1
Lipan	611491		-	-	1	-	-	- '
Little Eim	610946	-	-	960	-	3	-	4
Little River-Academy	410954	-	5	-	2	•	-	2
Liano Lometa	410488 410948	-	- 6	-	1	2	-	6 2
Lone Oak	310872	-	-	-	-	1		26
Longview	310882	-	3,151	1,334	18	12	-	19
Loraine	211109	-	-	-	-	-	-	-
Lorena	610955	-	-	-		-	-	-
Lou Lucders	410981 211110		-	-	1	-	-	-
Mabank	310903	_	420	5	8	-	-	-
Madisonville	311631	-	360	-	4	6	-	12
Malakoff	310904	-	-	-	1	1	-	1
Malone Manor	610963 410510		-	-	2	-	-	- 11
Mansfield	610964	-	545	1,010	5	15	-	77
Marble Falls	410512	-	112	-	4	2	-	9
Margaret	110100	-	1 256	-	1	- 11	-	3
Marlin Marlin ML-02	410982 410984	-	1,356	130	11	21	-	- -
Mart	610965	- 5	520	-	4	2		2
May	611500	-	-	-	-	-		•
Maypearl	610966	-	-	-	1	4	-	2
McGregor McKinney	610967 610969	-	5,303 2,374	119 120	69 20	18 25	-	134 215
Megargel	611501	_	37	-	20	-		3
Melissa	610975	-	-	-	-	-	-	34
Merkel	211113	-	1,089	134	3	1	-	9
Mesquite	610980	-	225	236	12	15	-	18
Mexia Midlothian	610983 610984	-	91 363	200	10 3	- 4	-	4 8
Miles	211114	-		-	-	4	-	-
Milford	610986	-	-	-	-	8	-	-
Montague	610993	-	-	-	1	-	-	1
Maady	610995 611502	-	-	-	2	-	-	1
Moran Morgan	610996	-	91	- 8	-	-	-	-
Muenster	610998	-	-	-	3	2	-	3
Munday	110894	-	1,377	-	1	-	-	3
Marphy	610999	-	-	-	-	1	-	2
Myra N Richland Hills	611000 612028	-	-	-	- 22	-	- 4	- 34
a t a supervision distant		-	-		41 M			21

Nash R/W	611001	-	-	-	1	-	-	1
Nevada	612207	-	-	-	1	1	-	3
Newark	611004	-	-	-	-	3	-	1
Newcastle	611503	-	80	-	1	•	-	8
Nocona Nolanville	611016 411050	-	340 191	- 126	10 39	1 17	-	9 112
Normangee	311633	_	597	-	-	2	-	-
North Richland Hills	612028	-	250	1,875	19	20	-	34
Northlake	612545	-	-			-	-	34
North Zulch	311634	-	-	-	-	1	-	-
Novice	611504	-	-	-	1	•	-	2
Oglesby Oklaunion	611035 611507	-	- 650	- 6	- 2	*	-	1
Olden	611510	-	630	-	-		-	- 1
Olney	611511	-	525	5	11	-	-	24
ORAI	331444	-	-	-	1	-	-	1
Ovilla	611072	-	-	-	-	-	-	4
Palestine	311008	-	4,563	-	2	5	-	33
Paimer	611040	-	127	5	5 3	5	-	5 4
Pantego Paradise	611426 611043	-	-	-	5	-		4
Paris	311017	14,782	7,714	85	77	43	-	113
Paris-Arthur City Line E16	311082		-	-	2	-	-	-
Paris-Reno Line E	311025		-	-	3	-	-	-
Petrolia	611515	-	-	-	1	1	-	2
Petty	311041	-	-	-	1	1	-	-
Pflugerville Pilot Point	411296 611052	-	1,050	207 1,143	1 3	2 9	-	647 5
Plano	611054	-	1,050	3,463	17	21	-	70
Point	311079	-	9	5	1	-	-	1
Ponder	611057	-	-	-	1	-	-	1
Pottsboro	611061	-	-	-	2	•	-	4
Princeton	611064	-	1,200	90	1	12	-	25
Prosper	611070	-	-	-	-	1	-	37 1
Quanah QuinIan	110900 311096	-	3,096	150 12	10 2		-	
Quitman	311097	_	193	-	7	-	-	8
Ranger	611517	-	567	-	2	-	-	4
Ravenna ML	311144	-			1	-	-	2
Red Oak	611072	-	-	-	3	I	-	4
Rendon	611435	-	-	-		3	-	1
Retreat Rhome	311157 611082	-	-	-	1	2	-	- 1
Richardson	611083		1,457	25,988	- 40	423	-	302
Richland Hills	612027	_	294	-	19	7	-	26
Riesel	611085	-	-	-	1	1	-	1
Rio Vista	611086	-	-	-	-	-	-	-
River Oaks	612670	-	-	•	13	-	-	15
Roanoke	611089			47	4	11	-	26
			1,100					
Robert Lee	211123	-	-	-	3	17	-	5
Robert Lee Robinson	211123 962853	-	- 13	-	3 2	17	- 1	5 18 2
Robert Lee	211123		-	-	3	17	1	18
Robert Lee Robinson Roby	211123 962853 211125 410626 611090	-	13 16 317 174	-	3 2 1	-	1	18 2
Robert Lee Robinson Roby Rockdale Rockwall Roscoc	211123 962853 211125 410626 611090 211127	- 638	13 16 317 174 17		3 2 1 12	- 1 4 1	- 1 	18 2 15 7
Robert Lee Robinson Roby Rockdale Rockwall Roscoc Roschud	211123 962853 211125 410626 611090 211127 410943	- 638	- 13 16 317 174 17 11,049	- - 110 386	3 2 1 12	- 1 4	-	18 2 15 7 - 2
Robert Lee Robinson Roby Rockdale Rockwall Roscoc Roscbud Rotan	211123 962853 211125 410626 611090 211127 410943 211128	- 638 -	13 16 317 174 17 11,049	- - 110 386 - -	3 2 1 12 - 8	1 4 1 1	1	18 2 15 7 - 2 3
Robert Lee Robinson Roby Rockdale Roskwall Roscoc Roscobud Rotan Rotan Round Rock	211123 962853 211125 410626 611090 211127 410943 211128 410633	- 638 -	- 13 16 317 174 17 11,049 - 13	- - - 386 - - 1,009	3 2 1 12	- 1 1 - 3	1	18 2 15 7 - 2 3 1,052
Robert Lee Robinson Roby Rockdale Rockvali Rotsoco Rosebud Rotan Round Rock Rovuett	211123 962853 211125 410626 611090 211127 410943 211128	- 638 -	13 16 317 174 17 11,049	- - 110 386 - -	3 2 1 12 - 8	1 4 1 1	1	18 2 15 7 - 2 3
Robert Lee Robinson Roby Rockdale Roskwall Roscoc Roscobud Rotan Rotan Round Rock	211123 962853 211125 410626 611090 211127 410943 211128 410633 611105	- 638 -	- 13 16 317 174 17 11,049 - 13 2,806	- - - 386 - - - 1,009 893	3 2 1 12 - 8	- 4 1 - 3 3	- - - - - - - -	18 2 15 7 - 2 3 1,052
Robert Lee Robinson Roby Rockdale Rockwall Rotsoco Rosebud Rotan Rotan Rotund Rock Rowlett Roxton Royse City Rufe	211123 962853 211125 410626 611090 211127 410943 211128 410633 611105 311171 611114 110905	- 638 -	13 16 317 174 17 11,049 13 2,806	- 110 386 - - 1,009 893 .5	3 1 12 - - 8 - 3 - 1 1	- 4 1 - 3 2	1 - - - - - - - -	18 2 15 7 - 2 3 1,052 6 6 - 3
Robert Lee Robinson Roby Rockdale Rockwall Roscou Roscbud Rotan Round Rock Rowlett Rowlett Rowlot Rowse City Rufe Sachse	211123 962853 211125 410626 611090 211127 410943 211128 410633 611105 311171 611114 1109055 611119		- 13 16 317 174 17 11,049 - 13 2,806 - 541	- 110 386 - - - - - - - - - - - - - - - - - - -	3 2 1 2 - - - - - - 1 1 1 1	1 4 1 3 2 2	1	18 2 15 7 - 2 3 1,052 6 - 3 3
Robert Lee Robinson Koby Rockdale Roscoc Roscoc Roschud Rotan Rotund Rock Rowlett Roxton Roxec City Rule Sachse Saginaw	211123 962853 211125 410626 611090 211127 410943 211127 410943 611105 311171 611114 110905 611119 611111	- 638 -	13 16 317 174 17 11,049 - 13 2,806 - 541	- - - - - - - - - - - - - - - - - - -	3 2 1 12 - - - 3 - 1 1 1 1 6	- 4 1 - 3 2		18 2 15 7 - 2 3 1,052 6 6 - 3
Robert Lee Robinson Koby Rockdale Rockwall Roscoc Rosebud Rotan Rotund Rock Rowlett Roxton Royse City Rule Sachse Saginaw Saint Jo	211123 962853 211125 410626 611090 211127 410943 211127 410943 211128 410633 611105 311171 611114 110905 611119 611121 611122		- 13 16 317 174 17 11,049 - 13 2,806 - 541 - - - -	- 110 386 - - 1,009 893 .5 145 - - 8	3 2 1 12 - - 8 - 3 - - 1 1 1 1 6 1	1 4 1 3 3 2 2 2	1	18 2 15 7 - 2 3 1,052 6 6 6 - 3 - 3 - 1 9
Robert Lee Robinson Roby Rockdale Rockwall Roscou Rotseoud Rotan Round Rock Rowlett Rowlett Rowlett Rowlett Rowlett Rowlett Sachse Sachse Saginaw Saint Jo San Angelo	211123 962853 211125 410626 611090 211127 410943 211128 410633 611105 311171 611114 110905 611119 611121 611122 211132		- 13 16 317 174 17 11,049 - 13 2,886 - 541 - - - - - 8,682	- 110 386 - - - - - - - - - - - - - - - - - - -	3 2 1 2 - - - - - - 1 1 1 6 5	1 4 1 3 2 2		18 2 15 7 - 2 3 1,052 6 - 3 3
Robert Lee Robinson Koby Rockdale Rockwall Roscoc Rosebud Rotan Rotund Rock Rowlett Roxton Royse City Rule Sachse Saginaw Saint Jo	211123 962853 211125 410626 611090 211127 410943 211127 410943 211128 410633 611105 311171 611114 110905 611119 611121 611122		- 13 16 317 174 17 11,049 - 13 2,806 - 541 - - - -	- 110 386 - - - - - - - - - - - - - - - - - - -	3 2 1 12 - - 8 - 3 - - 1 1 1 1 6 1	1 4 1 3 2 2 2 37	1	18 2 15 7 - 2 3 1,052 6 6 - 3 - 3 - 1 9 - 141 10 1
Robert Lee Robinson Roby Rockdale Rockvall Roscoc Roschud Rotan Round Rock Roviett Roviett Roxion Royse City Rufe Sachse Saginaw Saint Jo San Angelo San Sabn Spinger Sanson Park	211123 962853 211125 410626 611090 211127 410943 211128 410633 611105 311171 611114 110905 611119 611122 211132 611996 611125 61125 61125 61125		- 13 16 317 174 17 11,049 - 13 2,806 - 541 - - - 8,682 12	- 110 386 - - - - - - - - - - - - - - - - - - -	3 2 1 12 - - - - - 1 1 1 6 5 9 - 6	- - - - - - - - - - - - - -		18 2 15 7 - 2 3 1,052 6 - 3 - 1 9 - 141 10
Robert Lee Robinson Koby Rockdale Roskoul Roskoul Rossou Rossou Rotan Rota Rotan Rotan Rota Rotan Rota Rota Rota Rota Rota Rota Rota Rota	211123 962853 211125 410626 611090 211127 410943 211127 410943 211127 410633 611105 311171 611114 110965 611121 611121 611122 211132 611996 6111251	638	- 13 16 317 174 17 11,049 - 13 2,806 - 541 - - - 8,682 12 15 - -	- - - - - - - - - - - - - - - - - - -	3 1 12 - - - 3 - - 1 1 1 6 4 5 5 9 - 6 2	- - - - - - - - - - - - - -	1 - - - - - - - - - - - - - - - - - - -	18 2 15 7 - 2 3 1,052 6 - 3 - 1 9 - 141 10 1 13
Robert Lee Robinson Koby Rockdale Rockwall Roscoc Rosebud Rotan Round Rock Rowlett Roxton Royse City Rule Sachse Sagianaw Saint Jo San Angelo San Sabn Sanson Park Santa Anna Santa Anna	211123 962853 211125 410626 611090 211127 410943 211128 410633 611105 311171 611114 110905 6111121 611122 211132 611996 611125 612671 611521 611521 611521	638	- 13 16 317 174 17 11,049 - 13 2,806 - - - - - - - - 8,682 12 15 - - 21	- 110 386 - - - - - - 269 - - - - - -	3 2 1 12 - - 8 - 3 - - 1 1 1 6 5 9 - 6 2 2	1 4 1 3 3 2 2 2 2 		18 2 15 7 - 2 3 1,052 6 6 - - 3 - 1 9 - 141 10 1 13 - 4
Robert Lee Robinson Roby Rockdale Rockvall Roscoc Roscoud Rotan Round Rock Rovicet Rovicet Rovicet Rovicet Rovicet Rovicet Rovicet Sachse Saginaw Sachse Saginaw Saint Jo San Angelo San Sabn Sanger S	211123 962853 211125 410626 611090 211127 410943 211127 410943 211127 410943 211127 311171 611114 110905 611119 611121 611122 211132 611996 611125 612671 611521 61126 61126 61126 61126 61126	638	- 13 16 317 174 17 11,049 - 13 2,806 - 541 - - - 8,682 12 15 - 2,1 2,633	- 110 386 - - - - - - - - - - - - - - - - - - -	3 2 1 12 - - - - 1 1 1 6 1 6 5 9 9 - 6 2 2 2	- 4 1 1 - 3 2 2 2 - 2 - 2 - - 1 1 3 - - 4		18 2 15 7 - 2 3 1,052 6 - 3 - 1 9 - 141 10 11 13 - 4 5
Robert Lee Robinson Koby Rockdale Roskoul Roskoul Roskoul Rotan Round Rock Rowlett Roxton Rovse City Rule Sachse Saginaw Saint Jo San Angelo San Angelo San Sabn Sanger Santa Anna Savoy Seagoville Seymour	211123 962853 211125 410626 611090 211127 410943 211127 410943 211127 410943 611105 311171 611114 110905 611121 611122 211132 611996 611122 6112521 6112521 611126	638	- 13 16 317 174 17 11,049 - 13 2,806 - - - - - - - - 8,682 12 15 - - 21	- 110 386 - - - - - - 269 - - - - - -	3 2 1 12 - - 8 - 3 - - 1 1 1 6 5 9 - 6 2 2	- - - - - - - - - - - - - -		18 2 15 7 - 2 3 1,052 6 6 - - 3 - 1 9 - 141 10 1 13 - 4
Robert Lee Robinson Koby Rockdale Rockwall Roscoc Rosebud Rotan Rotund Rock Rowlett Roxton Royse City Rule Sachse Saginav Saint Jo San Angelo San Sabn Sangor Sanson Park Santa Anna Sahoy Seagoville Seymour Shady Shores	211123 962853 211125 410626 611090 211127 410943 211127 410943 211127 410943 211127 311171 611114 110905 611119 611121 611122 211132 611996 611125 612671 611521 61126 61126 61126 61126 61126	638	- 13 16 317 174 17 11,049 - 13 2,806 - 13 2,806 - - - - - - - - - - - - - - - - - - -	- 110 386 - - - - - - - - - - - - - - - - - - -	3 2 1 12 - - - - 1 1 1 6 1 6 5 9 9 - 6 2 2 2	- 4 1 1 - 3 2 2 2 - 2 - 2 - - 1 1 3 - - 4	1	18 2 15 7 - 2 3 1,052 6 - 3 - 1 9 - 141 10 11 13 - 4 5 19 2 2 98
Robert Lee Robinson Roby Rockdale Roskowali Roscoc Rosebud Rotan Round Rock Rowlett Roxton Rovse City Rule Sachse Saginaw Saint Jo San Angelo San Angelo San Angelo San Sabn Sanger Sansom Park Santa Anna Savoy Seagoville Seymour Shady Shores Sherman Sandar	211123 962853 211125 410626 611090 211127 410943 211127 410943 211128 410633 611105 311171 611114 110965 611121 611121 611122 611196 611122 611196 611125 612671 611521 611125 611125 611125 6111387 611132 611136 211139	638	- 13 16 317 174 17 11,049 - 13 2,806 - - - - - - 8,682 12 15 - - 21 2,633 667	- - - - - - - - - - - - - - - - - - -	3 2 1 12 - - 8 - 3 - 1 1 1 6 4 6 5 9 - 6 2 2 2 2 18 - 31 19	- 1 4 1 - 3 2 2 2 - - 37 1 1 3 - - 4 8 2 10 3		18 2 15 7 - 2 3 1,052 6 6 - - 3 - 1 4 1 9 9 - 141 10 0 1 1 3 - - 4 5 19 2 2 98 825
Robert Lee Robinson Roby Rockdale Rockwall Roscoc Rosebud Rotan Round Rock Rowlett Roxton Royse City Rule Saction Sagianaw Saint Jo San Angelo San Angelo San Angelo San Sabn Sangor Park Santa Anna Sangor Park Santa Anna Sangor Sangor	211123 962853 211125 410626 611090 211127 410943 211128 410633 611105 311171 611114 110905 611112 611122 211132 611996 611125 612671 611125 612671 611125 612671 611126 611387 611323 611132 611132 611132 611132 611132 611132	638	- 13 16 317 174 17 11,049 - 13 2,806 - - - - - - - - - - - - - - - - - - -	- - 110 386 - - - - - 269 - - - - - - - - - - - - - - - - - - -	3 2 1 12 - 8 - 3 - 1 1 1 6 1 6 5 9 - 6 2 2 2 2 18 - 31 19 1	- - - - - - - - - - - - - -		18 2 155 7 - 2 3 1,052 6 6 - - 3 - 1 4 1 10 1 1 13 - 4 5 19 2 2 5 88 25 38
Robert Lee Robinson Koby Rockvall Roscoc Roscobud Rotan Round Rock Rowlett Roxton Royse City Rufe Sachse Saginaw Saint Jo San Angelo San Angelo San Angelo San Angelo San Sabn Sugger Santa Anna Savoy Seagoville Seguour Shady Shores Sherman Sherren Sherren	211123 962853 211125 410626 611090 211127 410943 211127 410633 611105 311171 611114 110905 611112 611121 611121 611122 211132 611996 611125 612671 611521 61126 611387 611523 611136 211136	638	- 13 16 317 174 17 11,049 - 13 2,886 - 541 - - - 8,682 12 15 - - 2,15 2,633 667 - 1,901 2,922 - 3,505	- - 110 386 - - - - - 269 - - - 269 - - - - 70 5 - - - - - 70 5 5 5,481	3 2 1 12 - 8 - 3 - - 1 1 1 6 1 6 5 9 - 6 2 2 2 18 - 2 18 - 2 18 - 2 19 1 3	1 4 1 1 3 2 2 2 2 37 1 1 3 3 - 4 8 2 10 3 12 15		18 2 15 7 - 2 3 1,052 6 - 3 - 1 9 - 141 10 1 1 13 - 4 5 19 2 2 98 25 38
Robert Lee Robinson Roby Rockdale Roskowall Roscoc Roseobud Rotan Rotand Rock Rowlett Roxton Royse City Rule Sachse Saginaw Saint Jo San City Rule Sachse Saginaw Saint Jo San Angelo San Angelo San Sabn Sanger Sansom Park Santa Anna Savoy Seagoville Seymour Sherman Sandy Shores Sherman Sonder Sonthakco Southnaycd	211123 962853 211125 410626 611090 211127 410943 211127 410943 211127 410633 611105 311171 611114 110965 611121 611121 611122 611196 611122 611132 611196 611122 6111387 611523 611132 611136 211139 411080 611162 611163	638	- 13 16 317 174 17 11,049 - 13 2,806 - 541 - - - 8,682 12 15 - 2,15 - 2,15 - 2,15 - 2,15 - 2,15 - 1,501 2,902 - 3,505 - - 3,505 -	- - - - - - - - - - - - - - - - - - -	3 2 1 12 - 8 - 3 - 1 1 1 6 1 6 5 9 - 6 2 2 2 2 18 - 31 19 1	1 4 1 1 3 2 2 2 2 2 37 1 1 3 3 7 1 1 3 3 - 4 8 2 10 3 12 15		18 2 155 7 - 2 3 1,052 6 6 - - 3 - 1 4 1 10 1 1 13 - 4 5 19 2 2 5 88 25 38
Robert Lee Robinson Roby Rockdale Rockwall Roscoc Rosebud Rotan Round Rock Rowlett Roxton Royse City Rule Saction Royse City Rule Saction Sagianaw Saint Jo San Angelo San Angelo San Angelo San Sabn Sangor Sansom Park Santa Anna Sangor Sansom Park Santa Anna Savoy Seegoville Seymour Shady Shores Sherman Snyder Somerville Southake Southmayd Springtown	211123 962853 211125 410626 611999 211127 410943 211127 410943 211127 410633 611105 311171 611114 110905 611112 611122 211132 611996 611125 612671 611125 612671 611125 612671 611126 611387 611132 611132 611132 611132 611132 611132 611132 611132 611132 611132 611132 611132 611132 611132 611132 611132 611163 611163 611163	638 - - - - - - - - - - - - - - - - - - -	- 13 16 317 174 17 11,049 - 13 2,806 - - - - - - - - 8,682 12 15 - - 21 2,633 667 - 1,901 292 - 3,505 - -	- - - - - - - - - - - - - - - - - - -	3 2 1 12 - 8 - 3 - 1 1 1 6 4 6 5 9 - 6 2 2 2 2 8 - - - 1 1 1 6 4 6 5 9 - - - - - - - - - - - - - - - - - -	- - - - - - - - - - - - - -		18 2 15 7 - 2 3 1,052 6 6 - - 3 - 1 9 - 141 10 1 13 - 4 5 19 2 2 88 25 38 25 38 21 1
Robert Lee Robinson Roby Rockdale Roskowall Roscoc Roseobud Rotan Rotand Rock Rowlett Roxton Royse City Rule Sachse Saginaw Saint Jo San City Rule Sachse Saginaw Saint Jo San Angelo San Angelo San Sabn Sanger Sansom Park Santa Anna Savoy Seagoville Seymour Sherman Sandy Shores Sherman Sonder Sonthakco Southnaycd	211123 962853 211125 410626 611090 211127 410943 211127 410943 211127 410633 611105 311171 611114 110965 611121 611121 611122 611196 611122 611132 611196 611122 6111387 611523 611132 611136 211139 411080 611162 611163	638	- 13 16 317 174 17 11,049 - 13 2,806 - 541 - - - - - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -	3 2 1 12 - 8 - 3 - - 1 1 1 6 1 6 5 9 - 6 2 2 2 18 - 2 18 - 2 18 - 2 19 1 3	1 4 1 1 3 2 2 2 2 2 37 1 1 3 3 7 1 1 3 3 - 4 8 2 10 3 12 15		18 2 15 7 - 2 3 1,052 6 6 - - 3 - 1 4 1 9 - 1 4 1 9 - 1 4 1 3 - - 4 5 5 19 2 2 98 25 338 21 1 - 4 1 9 2 4 5 5 1 5 1 5 5 1 5 5 1 5 5 1 5 5 6 6 6 6
Robert Lee Robinson Roby Rockdale Rosco Roscbud Rotan Round Rock Rowlett Roxton Royse City Rule Sactse Sagianw Saint Jo San Angelo San Sabn Sauger Sanson Park Santa Anna Sanson Park Santa Anna Sauger Stangoville Seegoville Seegoville Somervile Somervile Somervile Southake Southmayd Springlown Stamford Star Farbare Star Harbor	211123 962853 211125 410626 611999 211127 410943 211127 410943 211128 211128 211128 311171 611114 110905 611112 611121 611122 211132 611995 611125 612671 611125 612671 611125 61125 611327 611132 611132 611132 611132 611132 611132 611132 611132 611132 611132 611163 211139 411080 611163 211478 611165 211478 611165 211478	638	- 13 16 317 174 17 11,049 - 13 2,806 - - - - - - - - - - - - - - - - - - -	- - 110 386 - - - - - 269 - - - - - - - - - - - - - - - - - - -	3 2 1 12 - 8 - 3 - 1 1 1 6 5 9 - 6 2 2 2 2 8 - 3 1 19 1 3 1 19 1 3 1 - - 4 - - - 1	- - - - - - - - - - - - - -		$ \begin{array}{c} 18\\2\\15\\7\\7\\-2\\3\\3\\1,052\\6\\-\\-\\1\\9\\-\\141\\10\\1\\13\\-\\4\\5\\19\\2\\88\\25\\38\\21\\1\\-\\4\\1\\1\\1\\1\\1\\1\\1\\1\\1\\1\\1\\1\\1\\1\\1\\1\\$
Robert Lee Robinson Roby RockAdale RoskOut Roscoc Rossobud Rotan Rotan Rotan Rotan Rok Rowlett Roxton Royse City Rufe Sachse Sachse Sachse Sachse Sachse Sachse San Angelo San Sabn Sunger San Angelo San Sabn Sunger San Angelo San Sabn Sunger Sansom Park Santa Anna Savoy Seagoville Segnour Sharda Shores Sherman Shyder Southnlake Southnlake Southnlayd Springtown Stamford Star Star Star Inrbor	211123 962853 211125 410626 611099 211127 410943 211127 410633 611105 311171 611114 110905 611121 611121 611121 611122 211132 611996 611125 612671 611521 61126 61137 611523 61132 611337 61132 61134 211139 411080 611165 211478 611997 311228 611956	638 - - - - - - - - - - - - - - - - - - -	- 13 16 317 174 17 11,049 - 13 2,806 - 541 - - - 541 - - - - - 21 2,633 667 - 1,501 292 - 2,505 - - 1,114 1,805 - - 3337	- - 110 386 - - - - - - - - - - - - - - - - - - -	3 2 1 12 - 8 - 3 - - 1 1 1 6 1 6 2 2 2 2 2 2 2 18 - 6 2 2 2 18 - 3 1 19 1 3 1 19 1 3 1 19 1 3 1 19 2 1 2 2 2 2 2 2 2 3 1 4 5 5 9 1 19 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1 4 1 1 3 2 2 2 2 37 1 1 3 7 1 1 3 3 - 4 8 2 10 3 12 15 - 1 1		18 2 15 7 - 2 3 1,052 6 6 - - 3 - 141 10 1 1 13 - 141 10 1 1 13 - 2 98 25 38 25 38 21 1 - - 4 1 1 1 1 5 99 2 98 25 38 21 5 5 1 5 9 9 1 5 1 5 2 6 6 1 5 2 6 6 6 1 5 2 6 6 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Robert Lee Robinson Roby Rockdale Roskowall Roscoc Roseobud Rotan Rotand Rock Rowlett Roxton Royse City Rule Sachse Sachse Saginaw Saint Jo San Angelo San Angelo San Angelo San Sabn Sanger Sansom Park Santa Anna Savoy Seagoville Seymour Sharman Shores Sherman Sonerville Southlake Southlake Southlake Southlake Southlake Southlake Star Harbor Star Harbor Star Strawn	211123 962853 211125 410626 611090 211127 410943 211127 410943 211128 410633 611105 311171 611114 110905 611112 611122 211132 611199 611121 611122 611199 611122 611199 611122 611132 611132 611135 611135 611163 611165 611556 611556 611556 611556	638	- 13 16 317 174 17 11,049 - 13 2,806 - - - - 8,662 12 15 - - - 21 2,633 6667 - 1,501 292 - 3,505 - 1,114 1,805 - - 3,37 -	- - 110 386 - - - - - 269 - - - - 269 - - - - 70 5 5 - - - - - 70 5 5 5,481 - - - 595 5,481 - - - - 547 8 - - - - - - - - - - - - - - - - - -	3 1 12 - 8 - 3 - 1 1 1 6 1 6 5 9 - 6 2 2 2 2 8 8 - 3 1 19 1 3 1 19 1 3 1 1 - 4 - - 1 9 - - - 1 1 - - - - - - - - - - -	- - - - - - - - - - - - - -		$ \begin{array}{c} 18\\2\\15\\7\\7\\-2\\3\\3\\1,052\\6\\-\\-\\1\\9\\-\\141\\10\\1\\13\\-\\4\\5\\19\\2\\88\\25\\38\\21\\1\\-\\4\\1\\1\\1\\1\\1\\1\\1\\1\\1\\1\\1\\1\\1\\1\\1\\1\\$
Robert Lee Robinson Roby Rockdale Rosco Roschud Rotan Round Rock Round Rock Rowlett Roxton Royse City Rule Sactose Sagianw Saint Jo San Saba Sagianw Saint Jo San Saba Sagianw Saint Jo San Saba Sagiar Sasson Park Santa Anna Savoy Seagoville Segoville Segoville Somervile Somervile Southake Southake Southake Southayd Springtown Starford Star Star Harbor Stephenvile Strawn	211123 962853 211125 410626 611999 211127 410943 211127 410943 211128 410633 611105 311171 611114 110905 611112 611122 211132 611996 611125 612671 611521 611126 611387 611523 611132 611132 611132 611132 611132 611132 611132 611132 611132 611132 611163 211139 411080 611163 211139 7311228 611155 6111556 611556 6115526 511526 511526 511526 511526	638 - - - - - - - - - - - - - - - - - - -	- 13 16 317 174 17 11,049 - 13 2,806 - - - - - - - - - - - - - - - - - - -	- 110 386 - - - - - - 269 - - - - - - - - - - - - - - - - - - -	3 2 1 12 - 8 - 3 - 1 1 1 6 5 9 - 6 2 2 2 2 8 - 3 1 19 1 3 1 19 1 3 1 19 1 3 1 19 1 3 1 19 1 3 - - - - - - - - - - - - - - - - - -	1 4 1 1 3 2 2 2 2 37 1 1 3 7 1 1 3 - 4 8 2 10 3 12 15 - 1 1 5 - 1 1 1 2 290 3 -		18 2 15 7 - 2 3 1,052 6 6 - - - - - - - - - - - - -
Robert Lee Robinson Roby Rockvall Rosco Rosco Rosco Rosco Rosco Rosco Rosco Rosco Rovent Rovin Rovin Rovin Rovin Rovis Rovin Rovis Rovin Rovis Rovin Rovis R	211123 962853 211125 410626 611090 211127 410943 211127 410943 211127 410633 611105 311171 611114 110905 611121 611121 611121 611121 611121 611121 611122 211132 611996 611125 612671 611521 611136 611136 211139 411080 611165 211478 611997 311228 611556 611526 611526 611526 611526 611526 611526 611526 611526 611556 611527 611527 61	638	- 13 16 317 17 17 17 13 2,806 - 541 - - - 8,682 12 15 - - 21 2,633 667 - 1,901 292 - 3,505 - 1,114 1,805 - - 3337 - - 2,069	- - 110 386 - - - - - 269 - - - - 269 - - - - 70 5 5 - - - - - 70 5 5 5,481 - - - 595 5,481 - - - - 547 8 - - - - - - - - - - - - - - - - - -	3 1 12 - 8 - 3 - 1 1 1 6 1 6 5 9 - 6 2 2 2 2 8 8 - 3 1 19 1 3 1 19 1 3 1 1 - 4 - - 1 9 - - 1 - 1 - - - - - - - - - - -	- - - - - - - - - - - - - -		18 2 15 7 - 2 3 1,052 6 6 - - 3 - 141 10 1 1 13 - 141 10 1 1 13 - 2 98 25 38 25 38 21 1 - - 4 1 1 1 1 5 99 2 98 25 38 21 5 5 1 5 9 9 1 5 1 5 2 6 6 1 5 2 6 6 6 1 5 2 6 6 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Robert Lee Robinson Roby Rockdale Rosco Roschud Rotan Round Rock Round Rock Rowlett Roxton Royse City Rule Sactose Sagianw Saint Jo San Saba Sagianw Saint Jo San Saba Sagianw Saint Jo San Saba Sagiar Sasson Park Santa Anna Savoy Seagoville Segoville Segoville Somervile Somervile Southake Southake Southake Southayd Springtown Starford Star Star Harbor Stephenvile Strawn	211123 962853 211125 410626 611999 211127 410943 211127 410943 211128 410633 611105 311171 611114 110905 611112 611122 211132 611996 611125 612671 611521 611126 611387 611523 611132 611132 611132 611132 611132 611132 611132 611132 611132 611132 611163 211139 411080 611163 211139 7311228 611155 6111556 611556 6115526 511526 511526 511526 511526	638 - - - - - - - - - - - - - - - - - - -	- 13 16 317 174 17 11,049 - 13 2,806 - - - - - - - - - - - - - - - - - - -	- - 110 386 - - - - - - - - - - - - - - - - - - -	3 2 1 12 - 8 - 3 - 1 1 1 6 1 6 2 2 2 2 2 8 - 6 2 2 2 18 - 5 9 - 6 2 2 2 18 - 1 1 1 - 6 1 - 1 - 1 - - - - - - - - -	1 4 1 1 3 2 2 2 2 37 1 1 3 7 1 1 3 - 4 8 2 10 3 12 15 - 1 1 5 - 1 1 1 2 290 3 -		18 2 15 7 - 2 3 1,052 6 6 - - - - - - - - - - - - -
Robert Lee Robinson Roby Rockdale Roskowall Roscoc Roscobud Rotan Round Rock Rowlett Roxton Royse City Rule Sachse Saginaw Saint Jo San City Rule Sachse Saginaw Saint Jo San Angelo San Sabn San Sabn Sherman Sherman Sherwille Southmayd Springlown Star Star Star Ilarbor Stephenville Strawn Streetman Streetman Starler Springs Sunnyvale Swectwater Talpa	211123 962853 211125 410626 611090 211127 410943 211127 410943 211127 410633 611105 311171 611114 110905 611121 611121 611121 611121 611121 611122 611122 61125 612671 611125 612671 611125 612671 611122 611132 611132 611132 611133 611135 611165 211478 611997 311228 611556 611526 611526 611526 611526 611556 611526 611526 611526 611528 611556 611526 611526 611527 611388 211422	638	- 13 16 317 174 17 17 17 17 17 17 17 17 17 17	- - 110 386 - - - - - 269 - - - - - - 70 5 5 - - - - - - - - - - - - - - - - -	3 1 12 - 8 - 1 1 1 6 1 - 1 6 2 2 2 2 2 18 - 31 19 1 3 1 - - - - - - - - - - - - -	1 4 1 1 3 3 2 2 2 2 37 1 1 3 7 1 1 3 3 7 1 1 3 3 2 2 2 10 3 12 15 - 1 1 5 - 1 1 2 20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		18 2 15 7 - 2 3 1,052 6 - 3 - 1 9 - 141 10 1 1 1 3 - 4 5 19 9 8 25 38 21 1 - 4 1 18 5 19 9 - 19 9 - 141 10 1 1 1 1 1 1 1 1 1 1 1 1 1
Robert Lee Robinson Roby Rockdale Roskowali Roscoc Rosebud Rotan Round Rock Rowlett Roxton Royse City Rufe Sactose Saginaw Saint Jo San Angelo San Angelo San Angelo San Angelo San Angelo San Angelo San Sabn Sanger Sansom Park Santa Anna Savoy Seagoville Seymour Shady Shores Sherman Snyder Somerville Southlako Somerville Southlako Somerville Southlako Somerville Southlako Southnayd Springtown Star Harbor Star Harbor Star Streelman Shrwan Streelman Streelman Supyale Sweetwater Talpa Tarraut County North	211123 962853 211125 410626 611090 211127 410943 211127 410943 211128 410633 611105 311171 611114 110905 611112 611122 211132 611199 611121 611122 611199 611122 611199 611122 611199 611123 611132 611136 211139 411080 611165 611163 611163 611163 611163 611163 611163 611163 611163 611163 611163 611163 611163 611163 6111556 611556 611556 611556 611556 611556 611556 611556 611556 611556 611556 611556 611556 611556 611556 611556 611536 311901	638	- 13 16 317 174 17 17 17 13 2,806 - 541 - - - 8,682 12 15 - 21 2,633 667 - 1,501 292 - 3,505 - 1,501 292 - 3,505 - - 1,114 1,805 - - - 2,069 10 795 - - - - - - - - - - - - -	- - 110 386 - - - - - 269 - - - 269 - - - - - 505 5,481 - 547 8 - 547 8 - - - - - - - - - - - - - - - - - -	3 1 12 - 8 - 1 1 1 6 1 6 1 6 2 2 2 2 18 - - 1 9 - - 3 1 1 - - - - - - - - - - - - -	1 4 1 1 3 3 2 2 2 2 2 37 1 1 3 2 2 2 37 1 1 3 3 7 1 1 3 3 2 2 2 37 1 1 3 3 12 15 - 1 1 5 - 1 1 5 - 2 2 2 2 7 7 1 1 3 7 2 2 2 2 2 7 7 1 1 5 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1		18 2 15 7 - 2 3 1,052 6 6 - - 3 - 1 9 - 141 100 1 13 - 4 5 19 2 98 25 5 38 21 1 - 4 1 9 2 98 25 38 21 1 9 - - - - - - - - - - - - -
Robert Lee Robinson Roby Rockdale Roskowall Roscoc Roscobud Rotan Round Rock Rowlett Roxton Royse City Rufe Sachse Sachse Saginanv Saint Jo San Angelo San Angelo San Sabn Sanger San Angelo San Sabn Sanger Sanson Park Santa Anna Savoy Seagoville Seymour Shady Shores Sherman Syder Somerville Southtako Southmayd Springlown Star Harbor Star Iarbor Stephenville Stramon Star Iarbor Stephenville Starans Stephenville Star Marka Star Sherman Star Iarbor Star Iarbor Stephenville Star Sherman Star Iarbor Stephenville Star Stephenville Star Star Stephenville Star Star Stephenville Star Star Star Star Star Star Star Star	211123 962853 211125 410626 611090 211127 410943 211127 410633 611105 311171 611114 110905 611112 611121 611121 611121 611122 211132 611996 611125 612671 611521 611525 612671 611523 611136 211136 211136 211136 211136 211136 211136 211136 211136 211136 211136 211136 211136 211136 211136 211136 211137 611556 611528 611526 611528 611558 611558 611558 611558 61	638	- 13 16 317 174 17 11,049 - 3,806 - 541 - - 8,662 12 15 - 2,12 2,633 667 - 2,12 2,633 667 - 3,505 - 1,44 1,805 - 3,37 - 2,069 10 795 - 3,31	- 110 386 - - - - - - 269 - - - - - - - - - - - - - - - - - - -	3 2 1 12 - 8 - 1 1 1 6 1 5 9 - 6 2 2 2 18 - 31 19 1 3 1 - 4 - - 33 - - 1 1 5 9 - - - - - - - - - - - - -	1 4 1 3 2 2 2 2 37 1 1 3 3 2 2 2 2 2 37 1 1 3 3 2 2 2 2 37 1 1 3 3 12 15 1 1 1 2 2 9 7 7 2 9 7 7		18 2 15 7 - 2 3 1,052 6 6 - - 3 - 1 9 - 141 10 1 13 - 4 5 19 2 98 25 388 21 1 - 4 1 1 9 - - - - - - - - - - - - -
Robert Lee Robinson Roby Rockvall Rosco Rosco Roscolud Rotan Rotund Rock Rowlett Roxton Royse City Rule Sachse Saginaw Saint Jo San City Rule Sachse Saginaw Saint Jo San Angelo San Sabn Sanger San Sabn Sanger San Sabn Sanger San Sabn Sanger San Sabn Sanger San Sabn Sanger San Sabn Sanger San Sabn San Sabn Sanger Sang	211123 962853 211125 410626 611090 211127 410943 211127 410943 211127 410633 611105 311171 611114 110905 611121 611121 611121 611122 211132 611996 611125 612671 611125 612671 611521 611132 611132 611132 611133 611135 611135 611135 611135 611165 511165 611165 611165 611165 6111556 611527 611388 211142 612020 610226 610227 610226 610227 610227 610227 610227 610227 610227 610227 6107 6107 6107 6107 6107 6107 6107 610	638 	- 13 16 317 174 17 11,049 - 13 2,806 - 541 - - 8,682 12 15 - 21 2,633 667 - 1,001 292 - 3,505 - 1,114 1,805 - 2,069 10 795 - - 331 427	- - 110 386 - - - - - 269 - - - 269 - - - - 70 5 - - - 70 5 5 - - - 70 5 5 - - - - 70 5 5 - - - - 70 5 5 - - - - - - 70 5 5 481 - - - - - - 70 5 5 481 - - - - - - - - - 70 5 5 - - - - - - - - - - - - - - - - -	3 1 12 - 8 - 3 - 1 1 1 6 1 5 9 - 6 2 2 2 2 2 2 2 2 2 2 2 2 2	1 4 1 1 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		18 2 15 7 - 2 3 1,052 6 6 - - - - - - - - - - - - -
Robert Lee Robinson Roby Rockdale Roskowali Roscoc Rosebud Rotan Round Rock Rowlett Roxton Royse City Rufe Sactose Saginaw Saint Jo San Angelo San Saba Saginaw Saint Jo San Angelo San Saba Sanger Sansom Park Santa Anna Savoy Seagoville Seymour Shady Shores Sherman Shyder Somerville Southlakc Somerville Southlakc Somerville Southlakc Somerville Southlakc Southnayd Springtown Star Harbor Star Star Harbor Star Harbor Streetinan Streetinan Streetinan Streetinan Streetinan Streetinan Stapping Streetinan St	211123 962853 211125 410626 611090 211127 410943 211127 410943 211128 410633 611105 311171 611114 110905 611121 611122 211132 611199 611122 611199 611122 611199 611122 611132 611199 611123 611387 611523 611136 211139 411080 611165 211478 611165 611165 611163 611165 211478 6111556 611520 311901 311237 611388 211142 812020 610226 410708 311902 410955	638	- 13 16 317 174 17 174 17 17 13 2,806 - 541 - - - 8,682 12 15 - 21 2,633 667 - 2,163 667 - 1,501 2,901 2,905 - 3,305 - - - 3,317 - - - - - - - - - - - - -	- - 110 386 - - - - - - 269 - - - - - - - - - - - - - - - - - - -	3 1 12 - 8 - 1 1 1 6 1 6 1 6 2 2 2 2 18 - 3 1 1 - 4 - 1 9 - 3 1 1 - - - - - - - - - - - - -	- - - - - - - - - - - - - -		18 2 15 7 - 2 3 1,052 6 6 - - 3 - 1 9 - 141 100 1 13 - 4 5 19 2 98 25 5 38 21 1 - 4 1 9 2 98 25 38 21 1 9 - - - - - - - - - - - - -
Robert Lee Robinson Roby Rockvall Rosco Rosco Roscolud Rotan Rotund Rock Rowlett Roxton Royse City Rule Sachse Saginaw Saint Jo San City Rule Sachse Saginaw Saint Jo San Angelo San Sabn Sanger San Sabn Sanger San Sabn Sanger San Sabn Sanger San Sabn Sanger San Sabn Sanger San Sabn Sanger San Sabn San Sabn Sanger Sang	211123 962853 211125 410626 611090 211127 410943 211127 410943 211127 410633 611105 311171 611114 110905 611121 611121 611121 611122 211132 611996 611125 612671 611125 612671 611521 611132 611132 611132 611133 611135 611135 611135 611135 611165 511165 611165 611165 611165 6111556 611527 611388 211142 612020 610226 610227 610226 610227 610227 610227 610227 610227 610227 610227 6107 6107 6107 6107 6107 6107 6107 610	638	- 13 16 317 174 17 11,049 - 13 2,806 - 541 - - 8,682 12 15 - 21 2,633 667 - 1,001 292 - 3,505 - 1,114 1,805 - 2,069 10 795 - - 331 427	- - 110 386 - - - - - 269 - - - 269 - - - - 70 5 - - - 70 5 5 - - - 70 5 5 - - - - 70 5 5 - - - - 70 5 5 - - - - - - 70 5 5 481 - - - - - - 70 5 5 481 - - - - - - - - - 70 5 5 - - - - - - - - - - - - - - - - -	3 1 12 - 8 - 3 - 1 1 1 6 1 5 9 - 6 2 2 2 2 2 2 2 2 2 2 2 2 2	1 4 1 1 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		18 2 15 7 - 2 3 1,052 6 6 - - - - - - - - - - - - -

Thorndale	410777	-	-	-		-	-	1
Thornton	611366	-	-	-	4	1	-	2
Thrall	410780	-	-	-	6	-	-	6
Throckmorton	611529	-	-	-	-	-	-	6
Tioga	611194	-	16	4	1	-	-	1
Tom Bean	611195	-	-	•	1	3	-	3
Trent	211148	-	-	5	-	1	-	1
Treaton	311310	-	1,100	8	11	-	-	15
Trinidad	311315	-	•	-	-	-	-	-
Trophy Club	612301	-		-	-	-	-	1
Troy	410975	-	-	1,035	4	-	-	-
Tuscola	211150	-	-	-	-	-	-	-
Тус	211152	-	1,291		8	-	-	8
University Park	612099	23,695	-		330	40	-	527
Valera	611530	-	-	-	1	-	-	1
Valley Mills	611211	-	-	-	-	1	-	1
Van Alstyne	611213	-	•	-	-	-	•	62
Vera	110909	-	-	-	-	-	•	1
Venus	611214	-	-	-	-	1	-	-
Vernon	611532	-	1,591	-	31	7	-	22
View ML-15	211156	-	-	-	I	-	• .	1
Waco	611218	66,555	17,826	1,261	773	97	1	1,385
Waco ML-15	962856	0	-	-	2	-	-	-
Walnut Springs	611228	-	-	28	-		-	-
Watauga	611229	-	109	4,045	24	3	-	64
Waxabachie	611230	-	1,713	427	29	14	-	53
Weinert	110910	-	-	-	-	-	-	-
West	611240	-	4,499	1,830	14	50	•	67
Westminster	611244	-	-	-	1		•	2 3
Westover Hills	610226	-	-	-	•	2	•	10
Westworth Village	612672	-	-	-	6	4	•	29
White Settlement	612673	-	-	275	11	8	-	29
Whitehouse	311383	-	-	-	13	6	-	20
Whitesboro	611248	-	406	143	4	-	-	4
Whitewright	611251	-	-	-	1	-	-	- 2
Whitney	611252	-	-	-	3	-	-	1,467
Wichita Falls	611539	-	30,581	6,907	1,316	167	-	1,467
Wilmer	611264	-	-	-	7	2	-	1
Wingate	211159	-	•	-	1	l	-	3
Winters	211160	-	710	-	7	I	-	3
Wolfe City	311402	-	-	-	1	-	-	1
Woodway	962861	-	-	•	-	- 3	•	3
Wortham	611271	-	2,611	-	10	3	-	18
Wylic	611273	-	-	•	9	-		2
X20-5	632482	•	-	-	2	-	-	Z
	Summary	333,635	514,753	162,495	12,365	4,601	57	23,313



March 15, 2017

Ms. Kari French Director, Oversight and Safety Division Railroad Commission of Texas

Ms, French;

Please find attached for your review and approval the Atmos Energy Mid-Tex Division's Distribution Facilities Replacement Completion Report and Distribution Facilities Replacement Work Plan pursuant to the requirements of Railroad Commission of Texas 16 TAC 8.209 Distribution Facilities Replacement rule.

During the calendar year ending December 31, 2016, the Atmos Energy Mid-Tex Division replaced facilities based on an assessment of existing, known risk and in response to changing conditions that created risk as they presented themselves during the year (i.e. occurrence of leaks, newly identified threats, etc.). In total, the Mid-Tex Division replaced approximately 718,270 feet of steel main, 274,515 feet of cast iron main, 170,218 feet of plastic main, and 20,370 service lines. The Distribution Facilities Replacement Completion Report detailing the distribution facilities replaced by the Mid-Tex Division during the calendar year ending December 31, 2016 is included as an enclosure to this correspondence.

During the calendar year ending December 31, 2017, the Atmos Energy Mid-Tex Division will continue to replace facilities based on an assessment of existing, known risk and in response to changing conditions that create risk as they present themselves during the year. In total, the Mid-Tex Division plans to replace approximately 634,000 feet of steel main, 396,000 feet of cast iron main, 123,000 feet of plastic main, and 14,000 service lines. The Distribution Facilities Replacement Work Plan outlining the facilities proposed for replacement by the Mid-Tex Division during the calendar year ending December 31, 2017 is included as an enclosure to this correspondence.

Atmos Energy recognizes that risk characterized in the Work Plan is defined by 'known' conditions that exist within facilities in the distribution system at the time the risk assessment is performed and the Work Plan is established. A risk model cannot quantify unknown, undiscovered or unranked risk. Atmos Energy will take into account these 'unknown' conditions in any given year as they present themselves and may retire or replace facilities in order to mitigate these risks.

We appreciate the opportunity to update the Railroad Commission on work completed in 2016 and your consideration of our replacement plans for 2017. We look forward to your response.

Sincerely,

Marlo A. Sutton

Marlo Sutton Director, Compliance, Mid-Tex

Enclosures (2)

Distribution Facilities Replacement Reporting

Atmos Energy Mid-Tex Division

Material	Distribution Piping (ft)	Service Lines (ea)	Components (ea)	
Steel	718,270	15,253	den en den en de sectore de la companya de la comp	
Cast Iron	274,515	-	Ļ.	
Copper		478	-	
Plastic	170,218	4,639	-	
Misc	+	-	29,015	
Grand Total	1,163,003	20,370	29,015	

Completion Report (2016)

Work Plan (2017)

Material	Distribution Piping (ft)	Service Lines (ea)	Components (ea)
Steel	634,000	11,000	a da
Cast Iron	396,000	-	
Plastic	123,000	3,000	
Misc			26,000
Grand Total	1,153,000	14,000	26,000

ity System ID		Distribution Piping Material (Feet)			Service Line Material (Each)			Components (Each)
		Cast Iron	Steel	Plastic	Steel Services	Plastic Services	Copper Services	Components
Abboit	610001		553	-	-	-	-	3
Abilene	211069	1,202	12,594	335	449	32	-	426
Addison	610005		3,660	170	5	_	-	1
Alba	310012		-	-	-	2		-
Albany	611443		428	-	3	2	-	
Allen	610007		-	5	1			155
Alvarado	610012		504	2,834	4	27		. 26
Алла	610018				-			114
Anson	211075		2,198	-	15	1	-	17
Archer City	611445		727	. •	4	8	-	9
Argyle	610021			-	1.	-		29
Arlington	610023		8,745	2,990	-36	119	-	397
Athens	310028	·	885		22	•	•	16
ATHENS NATL. GAS (Dist)	310198	-	÷ .	-	-		-	5
Aubrey	610031	+		÷		1		
Aurora	611082			•				2
Austin	411519		-	-	-			126
Austonio	311629		÷ .	<u>-</u>	-	· .		
Avalon	610033				-	26	<u> </u>	. 1
Avery	310056	-			3	2		•
Azle	610036	-	1,713		16	1	10	26
Baird	611446		3,656	+	11		-	5
Balch Springs	611383	-	2,676	325	146	11	-	21
Ballinger	211078	-	549	-	3	1		
Bandera	410111	~		-	.6		-	4
Bangs	611447	-		-	34	20	-	83
Bardwell	610038	· · ·	· ·	-	-			4.
Bartlett	410115		-	-	-			
Bedford	610042		1,419	5	73	3	13	27
Bellevue	610043			-			-	
Bellmead	962845	-	729	-21	.9	1	÷	2
Bells	610044	-		-		3		3
Belton	410950	<u> </u>	3,264	305	22	2		
Ben Wheeler	310076	· .		-	•	1	-	1
Benbrook	611434		-	-	-	5	16	77
Benjamin	110880		······································			•		•
Bertram	410132		. •	÷	3	1	-	2
Beverly Hills	962847	-	-	-	29	3	-	•
Blackwell	211081	-	-	-	-	2	-	1
Blooming Grove	310094	-		-	.3	.5	~	1
Blośsom	310095	-	376.	351	1	-	-	1
Blue Ridge	612167	-		200	1			
Blum	610048	-		-	1			2
Rogata	310099		<u> </u>	-	5	7	• •	5
Bonham	310101		1,238	.294	14	12		23
Bonham ML-01 (Jones Field)	310491		-					1
Bowle	610053	·	·	· ·	14	5	· · ·	9
Boyd	610055							2
Bremond	410978		1,320	18	8		-	
Bridgeport	610058		810	-	21	2		21
Bristol	610062	-	-	-	-		-	2
Bronte	211082		216	-	3		-	2
Brownsboro (Union Hill)	310048	-	-	-			-	1.
Brownwood	611449		2,643	465	156	69	-	261,
Bruceville-Eddy	610065	· · ·			6	•	-	
Brushy Creek	411255	_				1	-	1
Bryan	411071		4,771	6,994	94	18	÷	330
Bryan ML-24 (Wixon Valley)	411319	-	-		-			
Buckholts	410939		1	-	1	-		······
Buffalo	311779	41	8	-	2	-	-	1
Buffalo Gap	211083	-	14	-	1	-	·-	3
Burkburnett	611451	-	3,947	139	144	74	-	234
Burleson	610071	4	-	832	6	6	1	146
Burnet	410161	۴.	2,216	86	19	3	ч	8
Byers	611455		189	-	8	4	-	5

City System ID		Distribut	ion Piping Mater	al (Feet)	Service Line Material (Each)			Components (Each)
		Cast Iron	Steel	Plastic	Steel Services	Plastic Services	Copper Services	Components
Caddo Mills	310124	-	476	<u>.</u>	5	•	-	14
Caldwell	411076	-	222	7	. 31	1	-	13
Calvert	411041	-	-		4	-		1
Cameron	410940			.	100	-34		.58
Campbell	310125	·····			1			
Canton Carlsbad	<u>310127</u> 211085	-		<u> </u>	2	-	-	2
Carrollton	610077	-		892	220	- 11		434
Cayuga	311480				1	<u>_</u>		-
Cedar Hill	610084	-	-	-	48	4	-	6
Cedar Park	411284			610	•	1	-	261
Celeste	310139	-	-	-	2.	1	-	3
Celina	610089	-	1,880	61	8	8	-	118
Center Point	410186	-	162	•	4	-	-	2
Centerville	310141		-	-	1			2
Chandler	310145	-	· · · ·	-	1	1		1
Chapel Hill	310968		*		1	2		*
Chico	610098		43	-	-	2	-]	-
Childress	110099		1,409	6	145	37	-	135
Chillicóthe Chiltón	<u>111024</u> 410979	-	<u>13</u> 32	-	- 1	1		2
Clisco	611460	-	32 5,471	- 111	1 26	- 8		
Clarksville	310161		1,095	111 138	26	8	-	19
Cleburne	610103	3,849	1,548	270	97	.93		179
Clifton	610107		705	2/0	9			1
Clyde	611461	-	315	-	24	1		14
Clvde (DRS6624)	611461	-		-			-	2
Cockrell Hill	610134	4,059		-	93	-		90 .
Coleman	611465	-	2,482	87	14	11		11
College Station	411071	-	1,136	2,094	29	17	-	374
Colleyville	610113		390	11	10	1	3	103
Collinsville	610114	-		5	-	1		<u> </u>
Colorado City	211089		400	·	18	1		8
Comanche	611466	-	1,524	~	18	-		12
Comfort	410209		8	-	2		•	2
Commerce	310168		135	-	13	11		11
Como	310171	-	÷	-		1		*
Coolidge	610121 310174	<u></u>		-	3		-	-
Cooper Coppeli	610122	-	- 560	6,005	<u> </u>	2 49		2 91
Copperas Cove	410945		1,077	26	14	- 49		4
Corinth	610125	-	-	-		-		17
Corsicana	310177		5,353	5,733	28	69	1	54
Crendall	310192	-			1	-	-	1
Crawford	610130	- 1	-	.	1	-		3.
Cross Roads	611198	-	-	-	-	-	-	3
Crowley	611435		-	-	9	1	9	20
Cumby	310218	-	-	-	1	-	· •• •	1
D9-7 D/T	630478	-	-	-	-	-	. .	1
Dallas	610134	132,908	115,601	13,042	3,408	634	1.	5,176
Dalworthington Gardens	611425	-		2	*	•	-	4
Dawson	311780	-	2,824	233	20	6		8
De Leon	611468	.	255	· - ·	3	1		2
Decatur Denison	610150	· · · · ·	6	-	10	2	•	32
Denison Denison Grayson Co IP	610153 610153	-	944	۔ د		10	-	
Denison Grayson Lo IP Denison ML-05	610153	-	-	-			-	4
Denison ML-06	610160		-	-			· · · · · ·	4
Denton	610162		5,163	1,765	24	104		236
Deport	310239		-	-	1	1		1
DeSoto	610148	-	-	-	11	3		41
Detroit	310241	·	-	-	2		•	
Dodd City	310248	-	-	. .			-	1
Dublin	611470	•	610	-	7	2	-	1
Duncanville	610180	-	8	5	11	2	-	21
Early	611471	-	-	-	3	u u	-	8
Eastland	612219	•	n	٦.	6	-	-	1
Ector	310280	-	2,211	398	5	2	-	12
Edgecliff Village	611436		-	.	-	3	29.	90
Electra	611474		14	. .	22	11	-	4

City System ID		Distribution Piping Material (Feet)			Service Line Material (Each)			Components (Each)
		Cast Iron	Steel	Plastic	Steel Services	Plastic Services	Copper Services	Components
Elm Mott	610189	-		-	1	-	-	ĺ
Ekno	310290		-	· ·	-	<u>ب</u>	-	
Emhouse	310293	· - .	-		-	1	.	-
Emory Ennis	310294 610191	-	•	- 4	3 18	5.		2
Euless	610200		- 46		58	<u>9</u>	-	115
Eustace	310312		-	-	1	1	-	
Evant	411118	-	-	_	-	.–	-	1
Everman	612054		-	-	10	3	6	15
Fairfield	311900	-	1,860	-	22	10	-	72
Fairview Farmers Branch	962834 610208	-	- 1,695	5,277	2 470	6 90	-	
Farmersville	612203	12	2,099	4,623 616	470	.90		11
Fate	610209	-	-	-		1	•	36
Ferris	610210	-	·#	÷	17	1	_	4
Flower Mound	610215	-	·+	-300	1	-		163
Forest Hill	612055	-	359	-	26	40	11	74
Forney	310325		704	504	-	2		39
Fort Gates Fort Worth	411037 610226	58,418	123,822	- 19,788	2,340	- 883	- 286	2,850
Fort Worth (Alliance Area)	610226		143,624	19,788	2,340	683	200	2,650
Fort Worth ML-06	610226	÷			-	-	-	9
Fort Worth-Chadwick Farms	610226	-	-		-	-	•	3
Fort Worth-Morningstar	510226	-	•	· •	-			11
Fort Worth-Sendera	610226	÷.	.	:			.*	30
Frenklin	411043		657	•	5.	1.	-	7
Frankston Fredericksburg	310329 410285	-	- 27	······		1	يد ج	- 43
Frisco	610233	-	27	- 847	4	1		65
Frost	310335	 :	43	-	1	1	-	
Gainesville	610237	2,146	2,718	683	41	8	÷	65
Gainesville ML-03	610241	-	-		-		~	3
Garland	610244	•	4,021	591	1,349	91	-	1,340
Gatesville	411038	-	6,869	2,020	27	4		16
Georgetown Glen Rose	411289 610256	يد. 	10,800	2,332	50	1	-	- 322
Glenn Heights	610180	-			1	1	-	- 18
Godley	610259	4		-	6	-		-
Goldthwaite	611995	-	115	-	9	-		13
Goodlaw	310503	-		=	÷	-	-	A
Gorman	611478		-	-	-	-	-	3
Granbury	610263	÷	728	7.	6	4		7
Grand Prairie Grandview	610265 610266	÷	3,531 12,908	372 279	<u>179</u> 9	<u>121</u> 6	2	25
Granger	410309		424		11	3	-	
Grapevine	610267		2,048	1,335	16	39	1	92
Greenville	310388	·=	11,904	6,958	38	17	-	126
Groesbeck	612001	÷.	10	<u> </u>	27	_ . ·	-	19
Gustine	611479		-	-	2	-	-	1
Haltom City	612026			2,672	39	20 4	12	90
Hamilton Hamilto	411119 211099		740	-	28. 2	4	- 	10 3
Harker Heights	411047		2,727	904	-	5		4
Həskell	110884		268		8	1		3
Haslet	610282	-	99	-	-		. .	
Hawley	211100	<u> </u>	-		-			1
Hearne	411044		3,982	-	115	3	-	74
Heath	610283	<u>-</u>	333	446	1	2	-	9
Henrietta Hewitt	611482 962848	-	-	-	-	<u> </u>		
Hickory Creek	610336			116	-	1	-	49
Hico	611999		3,754		27	-	-	3
Highland Park	612100	15,312	-	-	232	14		290
Highland Village	610352	÷.	5	÷	τ.	-	-	29
Hillsboro	610288	~	6,189	446	36	14		47
Holland	410339		6		. 2	-		
Holliday	611485		363		- 12	.3		- 2
Honey Grove	310440			ر ج	13	10	-	<u>Z</u>

,

Distribution Facilities Replacement Completion Report (2016)

City System ID		Distribution Piping Material (Feet)		Feet)	Service Line Material (Each)			Components (Each)	
		Cast Iron	Steel	Plastic	Steel Services	Plastic Services	Copper Services	Components	
Howe	610292	730	18,930	.3	2	. .	-	3	
Hubbard	610293	-	314		11	1	1.	1	
Hurst	610297		6,145	•	452	3	2	477	
Hutchins	610298	<u> </u>	<u> </u>	20	5	.1	<u>-</u>	6	
Hutto	411280		-		3	-		262	
lówa Park	611484		5,188	98	12	3	-	21	
Iredell	611557 610304		609 P.601	100 699	1 36	70	-	- 604	
Irving Italy	610308		8,681		13	2	-	10	
Itasca	610309			-	3	1		1	
Jewett	311781						-	1	
Josephine	612205	-	-	5	· ·		-		
Joshua	610315		-	5	1	-	. ~	3	
Justin	610321		734	1,238	.1	1	1	5	
Kainay	611489	- 1	-	·			¥ .	1	
Kaufman	310501		184	÷	12	1	-	5	
KC (WEST) HP	632644		-	·	-	-		2	
Keene	610323	-	-	-	1	-		1	
Keller	610324	-	·····	10	.4	. 2		119	
Kemp	310502		117	-	2		<u> </u>		
Kennedale	612056			24		2	-	13	
Kerens	310503				2	3	·	4	
Kerrville	410360		304	70	34	4		35	
Killeen	411048		3,847	.145	6	4		<u>5</u> 2	
Knox City	110885		235		4		•	2	
Kosse Krum	610332 610333				-1	-	-	. 3	
Kurtén MI.	411079		-	. .				1	
	632481	-		-				1	
Lacy Lakeview	962850		2,263	-	-	3		1	
Ladonia	310530		232	·		2		. 1	
Lake Dallas	610336	-	1,520	1,385	1	20	-	23	
Lake Worth	612669	·	606		21	7		11	
Lakeport	311484	-	-	-	2	.1	-	-	
Lakeside	612668	- 1	-	-	-	·•.	1	2	
Lampasas	411611	· -	111	<u> </u>	24	4	-	1.07	
Lancaster	610341	÷	-	5,627	9	4	-	14	
Lavon	610347	-	-	-	<u> </u>		-	2	
Lawn	211108	~	· ·	~	10		-	6	
Leander	411294		·•	÷				741	
Leona	311916			*	1			-	
Leonard	310546 610350		- 27	- 5	- 2	- 4	-	3 188	
Lewisville	410400				5	- 4		4	
Lexington Liberty Hill	310392			÷ -				7	
Lillian	610358			-	1	-		-	
Lindsay	610360				2		-	1	
Lindsay ML-02	610361	-	-	·	•	-		2	
Lipan	611491	-	240	-	-	- 1	-		
Little Elm	610946			110	-	2	-	2	
Little River-Academy	410954	•	-		1	1		1	
Llano	410488	-	-	14	4	3	-	4	
Lometa	410948	-	12	÷	5	-	÷	1	
Longview	310882	· =	6,354		32	11		30	
Loraine	211109	-	-	2,150	·-		·	-	
Lorena	610955	_		÷		1		·····	
Lott	410981		113	4	1				
Lueders	211110			-	6		<u></u>	1	
Mabank	310903				1	1		-	
Madisonville	311631	-	1,277	-	22	2	-	<u>13</u> 4	
Malakoff	310904	-			7	- 5		4	
Malone	610963 410510	-	1,773	309		5		32	
Manor Mansfield	610964	<u> </u>	- 775	411	- 1	19		142	
INITION CONTRACTOR OF A DESCRIPTION	410512	-	170	353	1.0	5			
Marbie Falls									
Marble Falls Marlin								01	
Marble Falls Märlin Märt	410982		6,096 5,107	1,520 1,119	62 33	6 26		49 55	

City System ID		Distribut	ion Piping Mater	lal (Feet)	Service Line Material (Each)			Components (Each)
		Cast Iron	Steel	Plastic	Steel Services	Plastic Services	Copper Services	Components
Maypearl	610965		5		5	1	-	1
McGregor	610967	. .	15,532	213	36	18	-	28
McKinney	610969	~	5,036	1,063	14	41	-	577
McKinney (Trinity Falls) HP	610969	-		<u> </u>	-	.	-	110
McKinney ML-04	612541			-	-	· ·	-	74
McLendon-Chisholm	611090				-	-		22
Melissa	610975			220	2	· · ·	-	104
Meridian Merkel	610976		.149	·• ·•	4	3		2
Mesquite	610980		3,739	485	182	36	1	239
Mexia	610983		141	485	40			72
Midlothian	610984			<u>.</u>	1	· · ·	-	9
Miles	211114	-		-	-	.1	-	1
Milford	610986	-	2,413	659	21	8	-	26
Montague	610993	~	-		3	1	-	4
Moody	610995	- [2,767	5	42	.5,	-	
Moran	611502		140	-	3	•	-	1
Mörgən	610995	-	-	-		1		
Muenster	610998		707	10	2	-	-	7
Munday	110894		55	- '	3	-	-	2
Murchison	310947	•		<u> </u>	-		-	1
Murphy	610999	-	-			1	-	15
Myra	611000		11,373	108	-	2	*	3
Nevada	612207			-		1		1
Newark	611004 611503	-	- 	÷.	2	-	-	
Newcastle	611505	·	30	-	1	- 5	•	- 14
Nocona Nojanville	411050		1,805		/	.		
Normangee	311633				-	· · · · ·		
North Richland Hills	612028		201	2,655		17	46	181
North Zulch	311634		431		1	3		3
Northlake	612545							282
Novice	611504		-		3	· · · · ·	-	3
Oak Point	611198			· •	-	-	-	81
Oakwood	310999	-	-	-	1	2	-	2
Olden	611510	-	1,069	·+	3	2		4
Olney	611511	-	4,517	367	24	13	+	28
Ovaló	211120	-	-	÷	-	-		1
Palestine	311008	-	704	74	10	- 1	-	8
Palmer	611040	•	-			-		. 1
Pantego	61,1426	-	-	-	-	-		7
Paris	311017	615	2,482	1,297	20	62	-	39
Paris-Reno Line E	311025		-	-	-			11
Parker	610999				بة الأ			15
Petrolia	611515		•	•	4	4		3
Petty Pflugerville	311041 411296	-	-	- 78	1		-	<u>1</u> 583
Pilot Point	611052		-	- 78	1	1		4
Plano	611054		\$25	2,075	23	40	-	177
Point.	311079	-					*	1
Ponder	611057		ي		÷		-	
Pottsboro	611061		550		4	1	•	15
Princeton	611064		2,460	950	23		-	126
Prosper	611070		1,381	1,661	12	1	-	247
Prosper ML-01	611070	-			-	-		1
Quanah	110900	÷	1,896	20	35	20	-	15
Quinlan	311096	-	-	-		-		1
Qultman	311097	·-	643	85	3	1	-	9
Ranger	611517		1,213	151		3	-	3
Rayenna ML	311144	~		-	-			1
Reagan	410976	-	-	-	4		-	
Red Oak	611072	-	-	5	1	-2	-	7.
Rendon	611435	-	•		-	-		2
Reno (Live Oak Tap)	610949	•	33,169	66	7	4	-	-
Retreat	311157	-	-	-				
RFB HP	963148		-		-	•	-	1
Rhome	611082		···· · · -	<u> </u>	1		-	1
Rice	611959	·- [-	-	-	. .	-	1

		Distribution Piping Material (Feet)			Service Line Material (Each)			Components (Each)
City	System 1D	Cast Iron	Steel	Plastic	Steel Services	Plastic Services	Copper Services	Components
Richardson	611083	-	5,153	14,010	8	174	-	206
Richland	311159	-				1	-	1
Richland Hills	612027	-	-	. .	<u> </u>	2	2	8
Riesel	611085			•		2	•	10
Rio Vista	611086			-	2	-		ár:
River Oaks Roanoke	612670 611089			-	- 2	5	·	16
Robert Lee	211123	-	-	-	<u>2</u> 1	-	-	-
Robinson	962853	-	-	-	. 7	•		9
Roby	211125			-			-	3
Rochester	110904					1		1
Rockdale	410626	-	118	-	7		-	4
Rockwall	611090	÷ .		124	1	8		42
Rogers	410942	-	-		1	2	-	2
Roscae	211127	-	284	-	.3	•		5
Rosebud	410943	<u>-</u> `	48	<u>,</u>	9	1	<u> </u>	3
Rotan	211128		498		1		-	1
Round Rock	410693	-		98	6	2		951
Rowena Rowlett	211129 611105		132	27	1	16	<u>ب</u> ب	39
Roxton	311105			- 21	<u>1</u> 4	16 2		251. 4.
Royse City	611114		148	- 389				4
Rule	110905		20	-	. 2			-
Runaway Bay	611117			-	-	-	-	3.
\$2G	331459	-	•	•				1
Sabine	310552	-		-		•		1
Sachse	611119	-	÷ .		1.	-	·	40
Sadler	611120	-	-	-	-	1		
Saginaw	611121	-		3,735	2	-	3	9
Saint Jo	611122		-	-	11	-	-	-
San Angelo	211132	-	22,743	3,746	271	. 84	-	167
San Saba	611996	-	547	-	288	6		55
Sanger Sansom Park	611125 612671			- 21	3	•	·	12
Santa Anna	611521	-			- 28	-		3
Savoy	611126	_		-	1	-		.3
Scurry	311197	•.	14,583	-	10	~	-	·····
Seagoville	611387	7.		•.	38	5	-	5
Seymour	611523	-	79	-	19	2		12
Shady Shores	611132	-	-	-	-	-	-	2
Sherman	611136	 .	7,132	1,671		17	-	87
Sherman (DRS08)	611136	-	-	~				
Snyder	211139	-	200	40	3	2	-	11
Snyder (Cogdell Tap)	211088	. .			-			2
Somerville	411080	•.	-	-	1			1
South Mountain	411040			- 100	-			1
Southlake Southmayd	611162 611163		66 5	128 6,484	7.	- 7		
Springtown	611165			0,404	·	- Ž		2
Stamford	211478				5.	1		4
Star Harbor	311228	- 1	-	5	-	72		•
Stephenville	611556	-	2,119	1,953	8	4	4	13
Strawn	611526	-			1	-	*	
Streetman	311901	-	1,239		1		- 1	
Sulphur Springs	311237	-	2,318	1,146	28	4	•	18
Sunnyvale	611388	4	- 4	-	÷	-	-	9
Sunset	611183				:1	÷	-1	1
Sweetwater	211142		1,162	16	26	2	-	17
Talpa	612020	-	1,548	417	2	-		
Taylor	410708 311902		1,275	45	66 56	68	-	<u> </u>
Teague	611188		15 10		- 56	35		- 45
Tehuacana Temple	410955	. 355	2,325	422	- 56	- 19		- 40:
Terrell	311258	.055	4,852	422	26	19	-	40
The Colony	610116		-4 ₁ 05£	-	-	1		60
Thorndale	410777			~	-3	1		1
Thoraton	611366	-			2	1		2
Thrail	410780	-					-	

		Distribution	Piping Material (Feet)	Service	ine Material (I	Each)	Components (Each)
Ċlty	System ID	Cast Iron	Steel	Plastic	Steel Services	Plastic Services	Copper Services	Components
Tioga	611194	-	-	·	-	1	-	-
Tom Bean	611195	*	- [-	1	۰	-	2
Trent	211148	-	• [· •.	2		-	_
Trenton	311310	-	-	-	-		-	2
Trophy Club	612301	-	-	·-	-	-	-	57
Тгоу	410975		-	·	1		~	-
Tuscola	211150	-	-	-	5	1	-	1
Туе	211152	-	603	~		-	-	9
Tyler	310041		-	-	-	1	-	•
Tyler ML-40	311869	4	-	-	÷ .	- 1	~ [.]	1
University Park	612099	3,020	-	-	49	41	1	139
Valley Mills	611211	-	~	-	5	.2	-	3
Valley View-Cooke	611212	- 1	9		2	-	-	-
Van Alstyne	611213	- 1	-	-	-	1	-	40
Venus	611214			-	1	-	-	-
Vernon	611532		347	•.		6	-	12
Waco	611218	51,888	22,080	4,517	560	99		1,245
Waco (Industrial Loop) HP	962859				-			1
Waco ML-15	962856	-		-	-			1
Walnut Springs	611228	÷		÷	1	-	.	
Watauga	611229	-		12		2	12	19
Waxahachie	611230	-	6,421	290	126	45	-	165
Weinert	110910		-	-	3	-	-	2
West	611240		6,140	728	30	12		8
Westlake	611243	•		•	-	- 1	-	6
Westminster	611244		-	-	-		-	2
Westover Hills	610226		536	564		6	4	12
Westworth Village	612672		690	-	~		- 1	3
White Settlement	612673	_	6			- 1	3	9
Whitehouse	311383		-	4	-	6		10
Whitesbora	611248		-	_				11
Whitewright	611251		<u> </u>	_	1	1	· · · · ·	4
Whitney	611252				8			3
Wichita Falls	611539		15,950	2,866	516	227		648
Winter	611264	_		2,000	26	1	-	1
Winters	211160		30		6	3		
Wolfe City	311402			•	1	3		1
Woodway	962861			-	34			8
Wortham	611271	-	274				-	6
Wylie	611273	-	4,844					26
reyne.	.1		יידיטניו	-	±1	L.	- 1	20
	Summary	274,515	718,270	170,218	15,253	4.639	478	29,015

Distribution Facilities Replacement Reporting

Atmos Energy Mid-Tex Division

Work Plan (2016)

Material	Distribution Piping (ft)	Service Lines (ea)	Components (ea)
Steel	448,800	11,129	
Cast Iron	237,600	-	-
Copper		500	_
Plastic	132,000	4,141	-
Misc.	-	_	20,982
Grand Total	818,400	15,769	20,982

Completion Report (2016)

Material	Distribution Piping (ft)	Service Lines (ea)	Components (ea)
Steel	718,270	15,253	
Cast Iron	274,515		
Copper		478	
Plastic	170,218	4,639	
Misc		52	29,015
Grand Total	1,163,003	20,370	29,015

Work Plan (2017)

Material	Distribution Piping (ft)	Service Lines (ea)	Components (ea)		
Steel	634,000	11,000	national and a second secon		
Cast Iron	396,000	-			
Plastic	123,000	3,000			
Misc	-	,	26,000		
Grand Total	1,153,000	14,000	26,000		



March 15, 2018

Ms. Karl French Director, Oversight and Safety Division Railroad Commission of Texas

Ms. French:

Please find attached for your review and approval the Atmos Energy Mid-Tex Division's Distribution Facilities Replacement Completion Report and Distribution Facilities Replacement Work Plan pursuant to the requirements of Railroad Commission of Texas 16 TAC 8.209 Distribution Facilities Replacement rule.

During the calendar year ending December 31, 2017, the Atmos Energy Mid-Tex Division replaced facilities based on an assessment of existing, known risk and in response to changing conditions that created risk as they presented themselves during the year (i.e. occurrence of leaks, newly identified threats, etc.). In total, the Mid-Tex Division replaced approximately 655,819 feet of steel main, 417,736 feet of cast iron main, 186,059 feet of plastic main, and 21,699 service lines. The Distribution Facilities Replacement Completion Report detailing the distribution facilities replaced by the Mid-Tex Division during the calendar year ending December 31, 2017 is included as an enclosure to this correspondence.

During the calendar year ending December 31, 2018, the Atmos Energy Mid-Tex Division will continue to replace facilities based on an assessment of existing, known risk and in response to changing conditions that create risk as they present themselves during the year. In total, the Mid-Tex Division plans to replace approximately 750,000 feet of steel main, 424,000 feet of cast iron main, 200,000 feet of plastic main, and 23,000 service lines. The Distribution Facilities Replacement Work Plan outlining the facilities proposed for replacement by the Mid-Tex Division during the calendar year ending December 31, 2018 is included as an enclosure to this correspondence.

Atmos Energy recognizes that risk characterized in the Work Plan is defined by 'known' conditions that exist within facilities in the distribution system at the time the risk assessment is performed and the Work Plan is established. A risk model cannot quantify unknown, undiscovered or unranked risk. Atmos Energy will take into account these 'unknown' conditions in any given year as they present themselves and may retire or replace facilities in order to mitigate these risks.

We appreciate the opportunity to update the Railroad Commission on work completed in 2017 and your consideration of our replacement plans for 2018. We look forward to your response.

Sincerely,

lo H. Sutta

Marlo Sutton Director, Compliance, Mid-Tex

Enclosures (2)

Distribution Facilities Replacement Reporting

Atmos Energy Mid-Tex Division

Work Plan (2017)

Material	Distribution Piping (ft)	Service Lines (ea)	Components (ea)
Steel	634,000	11,000	n
Cast Iron	396,000	**	-
Plastic	123,000	3,000	-
Misc	-	-	26,000
Grand Total	1,153,000	14,000	26,000

Completion Report (2017)

Material	Distribution Piping (ft)	Service Lines (ea)	Components (ea)
Steel	655,819	15,057	_
Cast Iron	417,736	-	-
Copper		488	
Plastic	186,059	6,154	
Misc	-	-	39,604
Grand Total	1,259,614	21,699	39,604

Work Plan (2018)

Material	Distribution Piping (ft)	Service Lines (ea)	Components (ea)
Steel	750,000	17,000	-
Cast Iron	424,000	-	-
Plastic	200,000	6,000	r
Misc	-	r.	36,000
Grand Total	1,374,000	23,000	36,000

Atmos Energy Mid-Tex Division

		Distribut	lon Piping Mate	lal (Feot)	So So	rylce Line Material (Ea	ch)	Components (Each)
îty .	System ID	Cast Iron	Steel	Plastic	Steel Services	Plastic Services	Copper Services	Compor
	這是的思想是自己的意思。		<u>denormania</u>	这些关系的 的。	REAL PROPERTY OF AND		CHICK PLACE	
27	131059							
bbott	510001				1			
bliene	211069	684	34550	2229	183			
ddlson	610005			1300	. 7	14		
lba	310012							
lbany	611443		2996	539	33			
llen	610007		944	369	11			
lma	610009			2281		1		
lvarado	610012				2	11		
lvord	610013		2079	745	14			
nna	610018		320			3		
ńson	211075		360		2	2		
rcher City	611445				6	2		
rgyle	610021		110			1		
rlington	610023		6933	11759	582	673	3	
thens	310028		1625	77	19	1		
THENS NATL, GAS (Dist)	310198							
ubrey	610031			194				
urora	611082							
ustin	411519							
ustin (MS8854)	411281							
valon	610033			2791		21	1	
very	310056			~//4	1	0		
AGC8	211077		788					
ie	610036				5	3		
ale alite	611446		94		6			
aru Ach Springs	611383		910		153			
allinger	211078		10108	3904	153	19		
andera	410111		10100	3904				
	611447				2			
ings					20	0		
irdwell	610038				1			
rtlett	410115				3			
edfard	610042		380	46	9	86		
llmead	962845		723	0	2			
ils	610044					1		
lten	410950		1435	6	16	3		
n Wheeler	310076							
enbrook	611434		424	8	7	29	5	
ajamin	110880		270					
ertram	410132		469	2008	3	6		
verly Hills	962847		5		35			
anket	611448		482		2			
ossom	310095				1			
ue Mound	612123				1			
ŭm	610048				1			
igata	310099				1	1		
oham	310101		680	437	29	2		
wie	610053		230		12	1		
yd	610055	ſ	280		1	7		
ashear	310103				1			
emond	410978		0		0	1		
ldgeport	610058		677	196	13	2		
onte	211082			002	5		}	
ownwood	611449	· · · · · ·	2732	20	10	16		
uceville-Eddy	611449		59	20	UL 1	16		
uceville-caay ushy Creek	411255				l	1		
van	411255		7796	63	129	41		
				03		41		
ckholts	410939		2		2	· · · · · · · · · · · · · · · · · · ·		
ffalo	311779		100-1		1			
rkburnett	611451		1553	18	19			
rleson	610071		240	429	4	2		
rnet	410161			56	108	29		
ers	611455				15			
ddo Millis	310124				0			
dwell	411076	l	200	322	6			
lvert	411041		1127		9	5		
meron	410940		72		27	1		
mpbell	310125			5				
nton	310127		722	14	2	3		
rbon	611458							
rey	110092				Í	3		
risbad	211085		1252		1			
rroliton	610077		2288	429	34	209	· · · · · · · · · · · · · · · · · · ·	
Yuga	311480		2200	745	54	205		
dar HM	610084				22			
dar Park	411284			546	22	2		
	411264			546	1	U,		

6

(

ALC:

Atmos Energy Mid-Tex Division

		Distribu	tion Piping Mate	rial (Peet)	Se	rvice Une Material (Ea	ech)	Components (Each)
city.	System ID	Cast from	Stee	Plastic	Steel Services	Plastic Services	Copper Services	Compohents
Cefina	610089		1430	193	1	12	1 Section 1 and a sector s	305
Center Point	410186				1			1
Centerville	310141		390		6			5
Chandler Chapel Hill	310145 310968		834	61	1		f	6 2
Chico	610098	[•		1			1
Childress	110099		1497		25			12
Chillicothe	111024							1
Chilton	410979		975		3			1
Cisco Ciarksville	611460 310161	464	1610 9		15			3
Cleburne	610103		1992	132	77			37
Clifton	610107		5059		27			10
Clyde	611461		201		4			S
Cockrell Hill	610134		933			20		22
Coleman	611465		0 837			0		356
College Station Colleyville	411071 610113		63/	804	33 1			122
Collinsville	610114					· '		1
Colorado City	211089		150		6			4
Comanche	611466		3097	57				18
Comfort	410209				3			7
Commerce Cooks Point Mi-02	310168 411078		2276	2	10	1		1
Coolkige	610121				. 0		······	
Cooper	310174	Į			1	1		1
Coppell	610122				10			79
Copperas Cove	410945				3			2
Corinth	610125							78
Corsicana	310177 310178		14822	3592	19	37		165
Corsicana ML-05 Covington	610129				1	·		
Crandall	310192		201					2
Crawford	610130							2
Cross Roads	611198					1		7
Crowley	611435		2			1		5 4728
Dallas Dalworthington Gardens	610134 611425	219906	61935	2.200	2776	165	8	4728
Dawson	311780		2743	50	26	5		29
De Leon	611468	500	717	235	6			4
Decatur	610150		530		. 9			12
Denison	610153		1774	204	20	5		76
Denison (Saddie Creek) Denison Grayson Co IP	610153 610268							14
Denison ML-05	610159							1
Denton	510162		22114	6563	69	168		448
Deport	310239			26	0			
DeSoto	610148				9	3		67
Dodd City	310248				1			1
Dublin Duncanville	611470 610180				330	3		386
E10-2 HP	632426				0.0			2
Early	611471		2217	671		1		5
Eastland	612219		4262	363	44	4		23
Ector	310280		0		1	0		1
Edgecliff Village Electra	611436 611474		233 258	6350	2	14	5	204
Elm Mott	610189		208		20	0	· · · · •	5
Elmo	310290			5				
Emhouse	310293					1		4
Emory	310294		1121		4	1		5
Entris	610191 610200	•	3668	2246	13 38	. 12		30 154
Euless Eustace	610200 310312				38	0		134
Evant	411118							· · · · ·
Everman	612054				34	2	1	33
Fairfield	311900		338		13	7		22
Fairview	952834							43
Farmers Branch	610208		84	2993	490	77		555
Farmersville Fate	612203 610209	}	7		3			4
Ferris	610210			471		1		134
Flower Mound	610215		120	631				160
Forest Hill	612055		2	15		2	1	8
Forney	310325		1593	713	7	8		291
Forreston	610216				1			1
Fort Gates	411037							1

Atmos Energy Mid-Tex Division

		di el Distribu	ion Piping Mater	lal (Feet)	Se	Components (Fach)		
Clty	System ID	Cast Iron	Steel	Plastic	Steel Services	Plastic Services	Copper Services	Component
Fort Worth	610226	135473	113904	18160	3350	777	441	639
Fort Worth (Alliance Area)	612545					ľ		1
Fort Worth-Chadwick Farms	610226							
Fort Worth-Sendera	610226							15
Franklin	411043		2522	12	4	3		24
Frankston Fredericksburg	310329 410285		0		39			55
Fredericksburg (MS6836)	410285		0		33	1		10
Frisco	610233			936	1	1		178
Frisco ML-02	610233							1
Frost	310335		1709		4	6		
G & Moss Lake System	610242							2
Gainesville	610237		1479	379	1	6		22
Gainesville ML-03 Garland	610241 610244		13700	5748	1436	668	1	2107
Gatesville	411038		2367	546	1455		^	10
Georgetown	411289		2501	0.10	41			195
Glen Rose	610256		473	58	2			2
Glenn Heights	610180					1		5
Godiey	610259				0			
Goldthwaite	611995			5	6			3
Gorman	611478							1
Granbury Second Bastala	610263		480	109	6			7
Grand Prairie Grandview	610265 S10265		13226	493	194	220	2	////
Grandview Granger	610255 410309		Ċ		17	1		
Grapevine	610267		4317	3018	39			135
Greenville	310388			5	10			17
Greenville MI-11	310390							1
Graesbeck	612001				4			82
Gunter	610274		1802	23	6			16
Gustine	611479				4			6
Hagansport R/W	310404							1
Haltom City	612026		1015	2	3		5	42
Hamilton	431119		222		43	1		
Hamilin Hərker Heights	211099 411047				Z	0		3
Haskell	110884				15			· 2
Haslet	610282		23					3
Hearne	411044		0		40	2		15
Heath	610283			188		0		131
Henrietta	611482		626	260	9	4		14
Hewitt ·	962848							1
Hickory Creek	610336					10	····	67
lico	611999	14045	1239	5	5	2		280
Highland Park Highland Village	612100 610352	11015			104			220
Hilsboro	610288		2814	518	22	6		11
tolland	410339				2			
Holliday	611483		4404	1905	34	35		63
loney Grove	310440				14			1
lowe	610292				а			11
Hubbard	610293				12			
Hurst	610297		7	5	123	373		193
Hutchins	610298				3			3
Hutto owa Park	411280 611484		151 1930	40 444	12			188
rving	610304		5042	319	29			253
taly	610308				6			3
lasca	610309		65	9	12			4
osephine	612205			0		3		4
oshua	610315				1			2
ustin	610321							4
laufman	310501		94	675	11	11		18
(C (West) HP	963146							. 1
(eene	610323				4	1		112
Keller Kentp	610324 310502				5			132
(ennedale	612056		1			2		47
(erens	310503		6950	2365	3	16		47
(errvlile	41.0360		2212	33	105	11		113
(illeen	411048		1045	5	178	18		61
lirkland	110273		7	4389				2
(nox City	110885		431	4	3			2
Kosse	610332				1			1
(rum	610333				3			6
acy Lakeview	962850		2610	128	2	10		16

(

City of the second

and the second second

•

Atmos Energy Mid-Tex Division

		Distribu	tion Piping Mater	rial (Feet)	Si	ervice Line Material (E	ach)	Components (Each)
City			Local Sectors Sales	1.000	Sectorem the Instan	H deriver of the left-	A STATE OF A DESCRIPTION OF A DESCRIPTIO	NEWS ROOM AND ADDRESS OF THE OWNER
	System ID	Cast Iron	Steel	Plastic	Steel Service	s Plastic-Service:	s Copper Services	Component
Ladonia Lake Dallas	310530 610336		<u>.</u>	1				1
Lake Worth	612669				·	L	L	
Lakeport	311484				1	1	1	
Lakeside	612668					1		
Lampasas Lampasas ML-02 (Horseshoe Add)	411611	<u>.</u>	292		21	1	L	2
Lancaster	411510 610341		800	2440	10	3		2
Lavon	610347					1		
Lawn	211108		48		2	1		
Lawrence ML04	310539							
Leander Leona	411294 311916			166	 			100
Leonard	310546		510	95		1		1:
Lewisville	610350		110	246				01
Lexington	410400				8			
Liberty Hill	411294							
Lililan Lindsay	610358 610360		725	8	1			
Lindsay ML-02	610360		725	8)			1
Lipan	611491		1220	23	1	1		
Little Elm	610946			10				
Little River-Academy	410954		····		5			
Llano Lockett ML-10	410488 611492		7		10		{l	1
Lone Oak	310872							
Longvlew	310882		3241		20			38
Loraine	211109					1		1
Lorena	610955							1
Lott 'Lueders	410981 211110		12988 528	100	. 0			
M8	632467			100				i
Mabank	310903]			1		2
Madisonville	311631		724		32			
Malakoff Malene	310904 610963		378 989	25	8			1
Manor	410518		393	280	4			. 5
Mansfield	610964			2016	4			382
Marble Falls	410512		1575	7		5		26
Marlin	410982		537		13			24
Mart May	610965 611500		425			1		3
Maypeari	610966				4			
McGregor	610967		7759	2929	61			174
McKinney	610969		718	1848	7			1147
McKinney (Trinity Falls)	610969							144
McKinney (Trinity Fails) HP McKinney ML-03 (Rose Garden)	610969 610971		{					39
McKinney ML-04	612541							79
McLendon-Chisholm	611090							74
Melissa	610975			40	2			1
Megargel	611501							246
Meridian Merkel	610976 211.113				4			
Mesquite	610980		899	19		6		33
Mexia	610983		865		133	20	1	18
Midiothian	610984				7	1		57
Midway Miles	311632 211114				1	0		
Milford	211114 610986	[97		i	Ű		3
Montague	610993				1			1
Moody	610995				15			
Moran	611502		20					
Morgan Muenster	610996 610998		463	21	2	1		
Munday	110894		463	21				2
Murphy	610999							8
Newark	611004				2			1
Newcastle	611503							1
Nocona Noianville	511016 411050		1131	0	2			10
Normangee	311633				4	3		4
North Richland Hills	612028		117	279		5	7	227
North Richland Hills ML-01	610221						i	1
	610221 612545 311634				5			247

Atmos Energy Mid-Tex Division

		Distribu	tion Piping Mater	lal (Feet)	Si	rvice Line Material (S	ich)	Components (Each)
city	System ID	Cast Iron	Contraction and Contraction	Provide State of the	Notest and the rest		Conversion and the second	Components
Internet and second and second and second and second and	Non-Print Bay Adding Color	AND		STAR AND AND	A CONCEPCIENCE	1-IBSCE DES VICE.	AND CONTRACTOR	Automatic Statistics and Automatics
Oak Point	611198							
Oakwood Oglesby	310999 611035		275		C		1	4
Olden	611510		776			, 		4
Olney	611511		3408	. 0) 4		و
Osceola	611039		0 (00					15
Ovilla	611072			11494		4		1
Palestine	311008		9374	383	17			26
Palmer	611040				1	2		11
Pantego	611426		2					17
Paradise	611043		0.421	000	1			2
Paris Paris-Arthur City Line E16	311017 311082	317	9475	966	62	9	[
Paris-Reno Line E	964910					-		1
Parker	610999						}	23
Petrolla	611515			41	4	1		4
Petty	311041					1		
Pflugerville	411296			786				627
Pilot Point	611052			10	7			7
Plano	611054		2556	21123	13		ļ	574
Point	311079				2			2
Ponder	611057				1			1
Pottsboro Powell	611061 311083				2			9
Paynar	311085				1			1
Princeton	611064		218		1			26
Prosper	611070		8250		2			564
Quanah	110900		1818		32	6		13
Quinlan	311096			10	1	1		4
Quitman	311097		650	744	7			6
Ranger	611517		1232		9			6
Rad Oak	611072				2	1		11
Rendon	611435							1
Retreat RFB HP	311157					1		1
Rhome	963148 611082				0			1
Rice	611959				3			12
Richardson	611083		8894	4182	13	57		180
Richland	311159		20	105			· · · · · · · · · · · · · · · · · · ·	1
Richland Hills	612027		6643	142	3	15	2	36
Riesel	611085					1		9
Rio Vista	611086				0	· · ·		1
River Oaks	612670							15
Roanake	611089		2487	617				108
Robert Lee Robinson	211123		7700	989	12			1
Roby	962853 211125		729 222	989	12			10
Rockdale	410626				10			5
Rockwall	611090		1155	3594	2	46		258
Rogers	410942				2			1
Roscoe	211127		· · · · · · · · · · · · · · · · · · ·					1
Rosebud	410943		9		9	1		16
Ross	511104				1			
Rotan	211128		54		0			
Round Rock	410633			408	2			1314
Rowlett Roxton	611105 311171	· ·· · · · · · ·	519	5 60	1			122 6
Royse City	611114		2120		1	28		- 38
Rule	110905				1			
Runaway Bay	611117	ł	}		2		2	3
Sabine	310552			320				3
Sachse	611119							100
Sadler	611120							1
Saginaw	611121			320	72	175	1	339
Saint Jo	611122		370		6			
San Angelo San Sala	211132	· · ·	41271	1535	201	195		421
San Saba	611996		61	5	12	1		12 35
Sanger Sansom Park	611125 612671		440	2108	1	<u>1</u>		35
Santa Anna	611521							2
Santo	611522				1			1
Savoy	611126				0			
Seagoville	611387		2320	12	106	3		18
Seymour	611523				4			8
Shady Shores	611132			48	1			5
Sherman	611136		6032	2414	29	10		109
Sherman HP 100#	611136		;			_)	1

ł

Ľ

1

Distribution Facilities Replacement Completion Report (2017)

Atmos Energy Mid-Tex Division

A DE MARTEN MER DE LA VARIA		Distribution Piping Material (Feet)			Sec. Se	rvice Line Material (Ea	ich)	Components (Each)	
City	System ID	Cast-Iron	Steel	Plastic	Steel Services	Plastic Services	Copper Services	Componen	
Snyder	211139	and the state of the	2897	1	<u>9004-0000-0000-000000000000000000000000</u>	1		TOTAL CONTRACTOR AND ADDRESS AND ADDRESS AND ADDRESS AD	
Southlake	611162		6	· · · · · · · · · · · · · · · · · · ·				1-	
Southmayd	611163		[1				
Springtown	611165		1590	13	10	1			
Stamford	211478		4107	443	15	1			
Star Harbor	311228					0			
Stephenville	611556		1560	275	10				
Strawn	611526				2				
Streetman	31,1901				0				
Sulphur Springs	311237 611388		5463	4234	39	26		15	
Sunnyvale Sunset	611183				1		<u> </u>	6	
Sweetwater	211142				22	4		6	
Taylor	410708		5459	29	413	109		3	
Teague	311902		801	25	413	2			
Temple	410955		769	58	378	19		38	
Terrell	311258		812	843	1	26			
The Colony	610116			2483	· · · · · · · · · · · · · · · · · · ·	9		6	
Thorndale	410777			•	5	4			
Thornton	611366				3	1			
T)rali	410780				2				
Throckmorton	611529		717		5	2			
Tloga	611194		3913	1756	10			3	
Trent	211148				1				
irlaidad	311315				1				
Taco ML-26	311297								
fom Bean	611195								
Trenton	311310								
Trophy Club	612301							3	
Ггоу	410975		8		1				
Fuscola	211150		108		4				
íve	211152		152	4053		1			
Fyler	310041		163	119		2			
ivier ML-11 (Old GE Plant) ivier ML-40	310031 311869								
Juliversity Park	511869	11250	3334		223	17		27	
/alley Mills	611211	11230	2580		223	11		27.	
/alley View-Cooke	611212		250		¥1				
Jan Alstyne	611213		1593	405		1			
/enus	611214		1000	400	3				
/ernon	611532		918			14		3	
Naco	611218	38127	16956	2824	589	36	1	96	
Walnut Springs	611228				0				
Watauga	611229			997		1			
Waxalıachte	611230		4552	651	36	24		17:	
Weinert	110910		2373	(0				
Wells Branch	411519	**						4	
West	611240		3917	273	4	11		11	
Westlake	611243							1	
Vestover Hills	610226						1		
Vestworth Village	612672		3742	33	21	42		42	
White Settlement	612673		0	4	2	25		9	
Whitehouse	311383			187	5	4		34	
Vhitesboro	611248		1150	50	4	3			
Vhitewright	611251	·			····· <u>-</u>	1			
Vhitney	611252		10000		2				
Vichita Falls Vilmer	611539 611264		12323	650	58	69		36	
Vamer Vindom	611264 311396					4			
Vindom Vingate	211159		6052	418	1		}		
Vinters	211159		134	418	5	2		, 1	
Vinters Volfe City	311402		134		3				
Voodway	962861				32				
Voodway Vortham	611271		4280	1008				44	
Vylle	611273		4280	10/06		14		141	
	311408				1	1			
antis									

៤/៤



July 2, 2018

Ms. Kari French Director, Oversight & Safety Division Railroad Commission of Texas P.O. Box 12967 Austin, Texas 78711-2967 RECEIVED R.R.C. OF TEXAS

JUL 0 2 2018

GAS SERVICES DIVISION AUSTIN, TEXAS

Dear Ms. French:

Atmos Energy Corporation plans to further accelerate its pipe replacement efforts throughout its Mid-Tex Division as part of the company's ongoing commitment to safety by continuing to upgrade its natural gas distribution system in Texas.

This Supplement detailing those further acceleration plans follows the "Safety-Related Condition Report" that Atmos Energy submitted to the Railroad Commission on March 6, 2018, related to the abnormal, sudden, and unexplained leak activity in a defined geographic area in Northwest Dallas. As reported, in direct response to this leak activity, on March 1, 2018, Atmos Energy initiated a pipeline replacement project involving a planned outage of an area affecting approximately 2,800 residences and continued to closely monitor the area outside of the physical boundaries of the planned outage by conducting continuous leak surveys. These further accelerated pipeline replacement efforts will be in addition to those previously described in our March 15, 2018, letter pursuant to the requirements of the Railroad Commission's Distribution Facilities Replacement Rule under 16 TAC 8.209.

Ultimately, a number of factors will influence the rate at which further accelerated pipeline replacement may be accomplished. As we work towards these goals, the most-influential factors will be the availability of qualified construction crews to perform the work and their ability to scale as we further accelerate pipe replacement; however, it may also be influenced by the availability of materials; trained and qualified employees to design, coordinate, and inspect the level of construction activity; contractors and fill material to conduct street repairs; and city resources to support the increased level of activity. Keeping these factors in mind, we present this supplement to Atmos Energy Mid-Tex Division's Distribution Facilities Replacement Work Plan to the Railroad Commission for your review, comment, and approval.

As we know, and have seen in this instance, a risk model cannot quantify unknown, undiscovered, or unranked risk. As we have done here, we will continue to take into account any "unknown" conditions as they present themselves and may retire or replace facilities in order to mitigate these risks.

July 2, 2018 Ms. Kari French Page 2

We appreciate the Railroad Commission's consideration of our replacement plans. We look forward to your response and welcome the opportunity to discuss these matters with you in the future.

Sincerely,

Wals A Sutta

Marlo A. Sutton Director, Regulatory & Compliance Mid-Tex Division

Enclosure

Distribution Facilities Replacing Reporting Atmos Energy Mid-Tex Division Supplement - July 2, 2018

Work Plan (2018) - Submitted

Material	Distributior	Piping	Service Lines	Components	
	feet	miles	each	each	
Steel	750,000	142	17,000	-	
Cast Iron	424,000	80	-	-	
Plastic	200,000	38	6,000	-	
Misc	-	. <u>.</u> .		36,000	
Grand Total	1,374,000	260	23,000	36,000	

Work Plan (2018) - Supplement

Material	Distribution	ı Piping	Service Lines	Components	
	feet	miles	each	each	
Steel	158,000	30	13,000		
Cast Iron	10,000	2	e	-	
Plastic	-		-	-	
Misc		-	-	·	
Grand Total	168,000	32	13,000	•	

Work Plan (2018) - Total Including Supplement

Material	Distributio	n Piping	Service Lines	Components	
	feet	miles	each	each	
Steel	908,000	172	30,000	-	
Cast Iron	434,000	82		-	
Plastic	200,000	38	6,000	-	
Misc		.	-	36,000	
Grand Total	1,542,000	292	36,000	36,000	

Distribution Facilities Replacing Reporting Atmos Energy Mid-Tex Division Supplement - July 2, 2018

Material	Distribution	Piping	Service Lines	Components	
	feet	miles	each	each	
Steel	750,000	142	17,000	*	
Cast Iron	424,000	80	-		
Plastic	200,000	38	6,000		
Misc	-		~	36,000	
Grand Total	1,374,000	260	23,000	36,000	

Work Plan (2018) - Submitted

Work Plan (2018) - Supplement

Material	Distribution	Piping	Service Lines	Components	
	feet	miles	each	each	
Steel	158,000	30	13,000		
Cast Iron	10,000	2	-	r .	
Plastic	-	+4	-	**	
Misc	-		-	· · · · · · · · · · · · · · · · · · ·	
Grand Total	168,000	32	13,000		

Work Plan (2018) - Total Including Supplement

Material	Distribution	n Piping	Service Lines	Components	
	feet	miles	each	each	
Steel	908,000	172	30,000	•	
Cast Iron	434,000	82		•	
Plastic	200,000	38	6,000	-	
Misc	· · · ·		-	36,000	
Grand Total	1,542,000	292	36,000	36,000	



March 15, 2019

Ms. Kari French Director, Oversight and Safety Division Railroad Commission of Texas

Dear Ms. French:

Please find attached for your review and approval the Atmos Energy Mid-Tex Division's 2018 Distribution Facilities Replacement Completion Report and 2019 Distribution Facilities Replacement Work Plan pursuant to the requirements of Railroad Commission of Texas 16 TAC 8.209 Distribution Facilities Replacement rule. For reference, the attachment also includes the Company's 2018 Distribution Facilities Replacement Work Plan filed March 15, 2018 (supplemented July 2, 2018) as well as the Cumulative Completion Report for the years 2011-2018.

As shown in the 2018 Completion Report, Atmos Energy Mid-Tex Division's investment resulted in the replacement of approximately 172 miles of steel main, 74 miles of cast iron main, 44 miles of plastic main and 22,033 service lines. These totals vary from the estimates originally presented in the 2018 Work Plan because the actual numbers reflect any risks that were unknown, undiscovered or unranked at the time the Work Plan was developed and other factors that affect the order and completion of projects.

In total, Mid-Tex replaced 290 miles of main or 99% of main footage outlined in the July supplement. Specifically related to steel service lines, the supplemental plan included a significant number of steel service lines to be replaced during the cast iron and steel main replacements and so ramp up efforts were concentrated on main crews. Dedicated steel service line replacement crews were assembled later in the calendar year.

Ultimately, due to the Company's aggressive efforts to accelerate its pace, Atmos Energy Mid-Tex Division invested \$51.3 million (13%) more funds than originally anticipated in its 2018 Work Plan. The pipe replacement in the 2018 Completion Report reflects a 60% increase in spending compared to 2017. Atmos Energy ended calendar year 2018 with a 98% increase in dedicated crews working on pipe replacement activity setting the stage for an aggressive pace during 2019.

During the calendar year ending December 31, 2019, the Atmos Energy Mid-Tex Division will continue to replace facilities based on an assessment of existing, known risk and in response to changing conditions that create risk as they present themselves during the year. In total, the Mid-Tex Division plans to replace approximately 175 miles of steel main, 100 miles of cast iron main, 38 miles of plastic main and 35,000 service lines in March 15, 2019 Ms. Kari French Page 2

2019. The Mid-Tex Distribution Facilities Replacement Work Plan for calendar year ending December 31, 2019 is included as an enclosure to this correspondence. The 2019 Work Plan supports Atmos Energy's commitment to be free of all known cast iron by the end of calendar year 2021.

As we know, the risk characterized in the 2019 Work Plan is defined by known conditions that exist within facilities in the distribution system at the time the risk assessment is performed and the Work Plan is established, based on the risk model reviewed and approved by the Commission. The risk model cannot quantify unknown, undiscovered or unranked risk. We will continue to take into account any "unknown" conditions as they present themselves and may retire or replace facilities in order to mitigate these risks.

We appreciate the opportunity to update the Railroad Commission on work completed in 2018 and your consideration of our replacement plans for 2019. We look forward to your response.

Sincerely,

Wards A. Sutto

Marlo Sutton Vice President – Technical Services, Mid-Tex

Enclosures

Distribution Facilities Replacement Reporting CY 2018 Atmos Energy Mid-Tex Division

Work Plan (2018)

Material	Distribution Piping (ft)	Distribution Piping (mi)	Service Lines (ea)	*Components (ea)	
Steel	750,000	142	17,000	-	
Cast Iron	424,000	80	-	-	
Copper	-		-	-	
Plastic	astic 200,000 38		6,000	-	
Misc	-	**	**	36,000	
Grand Total	1,374,000	260	23,000	36,000	

Work Plan as supplemented (2018)

Material	Distribution Piping (ft)	Distribution Piping (ml)	Service Lines (ea)	*Components (ea)	
Steel	908,000	172	30,000	-	
Cast Iron	434,000	82	-	-	
Copper	-	_	-	_	
Plastic	200,000	38	6,000		
Misc	-	-	-	36,000	
Grand Total	1,542,000	292	36,000	36,000	

Completion Report (2018)

Material	Distribution Piping (ft)	Distribution Piping (mi)	Service Lines (ea)	*Components (ea)	
Steel	910,705	172	16,390	.	
Cast Iron	388,432	74	-	-	
Copper	-		18	-	
Plastic	229,691	44	5,625	-	
Misc	-	-	-	24,702	
Grand Total	1,528,828	290	22,033	24,702	

Work Plan (2019)

Material	Distribution Piping (ft)	Distribution Piping (mi)	Service Lines (ea)	*Components (ea)	
Steel	924,000	175	30,000	-	
Cast Iron	528,000	100	-	-	
Plastic	200,640	38	5,000	-	
Misc	-	-	-	23,000	
Grand Total	1,652,640	313	35,000	23,000	

*Note: While the number of components is estimated in the Work Plan and shown in the actuals, the amount reflected in the Work Plan is not a target but rather an estimate of how many components will be needed and is used for planning and budgeting purposes. The actual number of components replaced reflects only those needed for the projects completed.

Work Plan Supplement (July 2, 2018)

Material	Distribution Piping (ft)	Distribution Piping (mi)	Service Lines (ea)	*Components (ea)	
Steel	158,000	30	13,000	-	
Cast Iron	10,000	2		~	
Copper	-	~	-	-	
Plastic	-	-		-	
Misc	-	-	-	-	
Grand Total	168,000	32	13,000	2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	

Cumulative	Completion	Report	(2011 -	2018)
	+++++++++++++++++++++++++++++++++++++++	nepere		/

Material	Distribution Piping (ft)	Distribution Piping (mi)	Service Lines (ea)	*Components (ea)	
Steel	4,491,784	851	187,769		
Cast Iron	2,129,862	403	'n	-	
Copper	-		1,110	-	
Plastic	1,002,967	190	29,765	-	
Misc		-	-	134,578	
Grand Total	7,624,613	1,444	218,644	134,578	

		Distribution Piping Material (Feet)		Service Line Material (Each)			Components (Each)	
Clty	System ID	Cast Iron	Steel	Plastic	Steel Services	Plastic Services	Copper Services	Components
A37-1	130973							1
A37-3-1-1 DIST	130925							1
Abbott	610001				E	Û		2
Abilene	211069	585	17,259	3,078	64	260		272
Addison	610005				17	2		4
Alba	310012					0		
Albany	611443		11,235	6,971	82	70		118
Allen	610007		1,475	985	11	5		25
Alma	610009			10	6	ÿ		1
Alvarado	610012		0		0	. 0		1
Alvord	610013		······································		6	0		
Anńa	610018		D			0		2
Аплопа			v		-1			<u>∠</u>
	310023				1	0		-
Arison	211075		692	16	4			
Archer City	611445		0		2	1		
Argyle	610021		0	0		0		1
Arlington	610023		14,765	7,801	388	508		1,232
Athens	310028		6,059	300	28	5		46
Aubrey	610031			7,920		6		3
Austin	411519			120				
Avalon	610033		124	6,944		16		28
Avery	310056				1	0		
Avoca	211077					0		
Azłe	610036		-792		3	3		5
Baird	611446		0		4	. 0		4
Balch Springs	611383	5,446	890	15	231	з		12
Bailinger	211078		17,802	4,463	75	53		131
Bandera	410111				5			2
Bangs	611447		0		7	٥		1
Bardwell	610038		1,074			C		
Barry	310064					0		······································
Bartiett	410115				4			
Bedford	610042		-201	169	19	4		16
Bellmead	962845		360	4	11	6		9
Bells	610044		300		11			
	İ			242		0		
Belton	410950			243	12	1		
Ben Wheeler	310076					1		
Benbrook	611434					0	2	13
Benjamin	110880		0		·	0		
Bertram	410132		0	0	7	1		2
Beverly Hills	962847		200	334	30	D		
Blackweil	211081					0		
Blanket	611448					0		
Blooming Grove	310094		D			0		1
Blossom	310095				1	0		
Blue Mound	612123				1	1		3
Blue Ridge	612167		6		1	0		
ទាំងកា	610048]			0		
Dogata	310099				2	0		
Bosham	310101		2,399	1,383	31	13		45
Bowle	610053		1,064	0	25	5		16

			Distribution Piping Material (Feet)		Service Line Material (Each)			Components (Each)	
City	System ID	Cast Iron	Steel	Plastic	Steel Services	Plastic Services	Copper Services	Components	
Boyd	610055				2	0			
Brashear	310103				0	0			
Bremond	410978		0		2	0		1	
Bridgépórt	610058	ti	1,847	188	24	7		8	
Bronte	211082		-1			0			
Brownsboro	310111					0			
Brownwood	611449		417	C	6	6		23	
Bruceville-Eddy	610065		0		1				
Bryan	411071		2,962	120	94	57	1	135	
Buckholts	410939		5		1				
Duffalo	911779		13	-	3	0		1	
Buffalo Gap	211083				. 2			. 8	
	611451		F 000	2,559		1			
Burkburnett			5,090	3,668	85	111		176	
Surleson	610071	·	0	250	8	1		12	
Burnet	410161		265	902	10	3		11	
Byers	611455		<u> </u>		10	0		1	
Caddo Mills	310124				1	0		1	
Caldwell	411076		1,364	0	7			22	
Calvert	411041		790			2		6	
Cameron	410940				185	37		46	
Campbell	310125			0		0	····	· · · · · · · · · · · · · · · · · · ·	
Canton	310127		1,809	271	6			12	
Carlsbad	211085					0			
Carroliton	610077		28	67	15	137		261	
Саувда	311480					0			
Cedar Hill	610084			292	88	2			
Cedar Park	411284			1,930				····	
Celeste	310139		0	0	1	0		1	
Celina	610089		410			2			
Center Point	410186				4	1		2	
Centerville	310141		0			0		<u>i</u>	
Chandler	310145			1,680	2	2		6	
Chapel Hill	310968					4		4	
Chico	610098		949	8	4			2	
Childress	110099		519		12	5		4	
Chillcothe	111024		1,457	74	ЭЭ	2		4	
Chilton	410979		0		1	0			
Cisco	611460		3,281	10	22	5		2	
Clarksville	310161			٥	4	0		1	
Cleburne	610103		2,176	47	54	12		34	
Clifton	610107		5,463	143	38	17		40	
Ċlyde	611461		163	0	10			16	
Cockreil Hili	610134					7		20	
Coleman	611465		7,144	2,038		11		20	
College Station	411071		2,232	362	30	30		52	
Colleyville	610113			13				19	
Collinsville	610114					0			
Colorado City	211089		788		. 13	0		3	
Comanche	611466	÷	542	5651	51	55		127	

ċ

.

		Distribution P	lping Mate	erial (Feet)	Service Line Material (Each)			Components (Each)	
City	System ID	Cast Iron	Steel	Plastic	Steel Services	Plastic Services	Copper Services	Components	
Comfort	410209		5		1	0		1	
Commerce	310168		670	40	B	7		7	
Сото	310171		765	40		0			
Coolidge	610121		a		2	0			
Cooper	910174				4	0			
Coppell	610122		0	2,488	10	0		2	
Copperas Cove	410945		4,007		э	1		3	
Corinth	510125				1	2		3	
Corsicana	310177		9,608	4,828	75	54		125	
Covington	610129				1			1	
Crandal	310192					0		6	
Crawford	610130				3			3	
Crowley	611435		795	9	18	4		50	
Cumby	310218		0	0		0			
Dallas	610134	222,886	251,929	6,260	4,820	730	2	10,246	
Dalworthington									
Gardens	611425		1394	5	3	11		1	
Dawson	311780		840	1,077	5			14	
De Léon	611468		3,357	2,057	30	7		1	
Decatur	610150		2,535	1,111	19			7	
Denison	610153		4,185	20	22	7		65	
Denton	610162	·····	9,743	11,559	37	185		224	
Deport	310239		0		5	0			
Desdemona	611469				1	D			
DeSoto	610148			10	3	13		36	
Detroit	310241				2	0			
Dodd City	318248					0			
Dublin	611470		0		11	0			
Duncanville	610180		5	27	5			264	
Early	611471		0			22		3	
Eastland	612219		Ò		7	1		2	
Ector	310280				4	0			
Edgecliff Village	611436					1		7	
Edorn	310285				2	<u>`</u> 0			
Electra	611474		0		4	1		3	
Elm Mott	610189		0		3	0		6	
Emhouse	310293				2				
Emory	310294				2	0			
Enloe	310297					0			
£nnis	610191		4,331	2,943	42	51		73	
Euless	610200		83	13	68	5		.41	
Eustace	310312				э	Ó			
Evant	411118				5	0			
Everman	612054				-5	19		10	
Fairfield	311900		3,401		33	1			
Fairview	962834			0					
Farmers Branch	610208		0.	305	298	143		569	
Farmersville	612203		0	0	-4	0			
Fate	610209			1,125	1	14			
Ferris	610210			5	6	1		4	
Flower Mound	610215	····	i	1,088	<u></u>	7		 2	
Forest Hill	612055		10,543	3,450	40	130			

		Distribution Pi	ping Mat	erial (Feet)	Sei	vice Line Material	(Each)	Components (Each)
City	System ID	Cast Iron	Steel	Plastic	Steel Services	Plastic Services	Copper Services	Components
Forney	310325		145	23	1	1		1
Forreston	610216				1	0		1
Fort Worth	610226	133,722	62,137	20,774	2,973	1,006	7	3,632
Franklin	411043			-12	2	8		
Frankston	310329			334	1	2		3
Fredericksburg	410285		467		40	155		260
Frisco	610233				3	0		2
Frost	310335		14,485	442	2	5		3
Gainesville	610297		2,170	248	1	0		8
Garland	610244		16,193	3,303	1,423	117		537
Gatesville	411038					1		3
Georgetown	411289		182	20	39	0		. 4
Glen Rose	610256		. 143	40	4	12		8
Glenn Heights	610180			0		1		3
Godley	610259				7	0		2
Goldthwalle	611995		0		6	0		5
Gordon	611477		0		1	0		
Goree	110883		155		0	0		
Gorman	611478				2	0		
	610263		0	16		1		7
Granbury		1			1			86
Grand Prairie	610265		14,064	11,005	7	37		
Grandvlew	610266		412		1	0		1
Granger	410309					0		
Grapevine	610267		9	0	6	3		
Greenville	310388		21	370		3		26
Groesbeck	612001		295	27	12	0		5
Gunter	610274				2	1		2
Gustine	611479		4,745		0	0		3
Haltom City	612026		10	32		0	2	53
Hamilton	411119		2,906	44	46	5		30
Hemlin	211099		28		4	0		5
Harker Heights	411047			5	1.	0		3
Harrold	611481		1,557	2,234	11	5		1
Haskell	110884		0		13	2		1
Haslet	610282		-347					
Hawley	211100		0		2	0		2
Hearne	411044		978	120	40	9		23
Heath	510283		1,781	120	8	2		10
Henrietta	611482		-6	· ·		22		14
Hickory Creek	610336			1,479		0		<u></u>
Hico	611999				а	0		
Highland Park	612100	8436		0	101	4		149
Highland Village	610352		a	0	2	2		5
Hillsborg	610288		2,644	88	27	9		8
Holland	410339				1			
Holliday	611483		4,020	8,624	5	71		60
Honey Grove	310440				16	1		2
Howe	610292		~120			0		3
Hubbard	610293		1,44		22	0	1	3
Hurst	610297		4,051	10	27	2		24

		Distribution Pl	iping Mat	erial (Feet)	Se	vice Line Material	(Each)	Components (Each)	
City	System ID	Cast Iron	Steel	Plastic	Steel Services	Plastic Services	Copper Services	Components	
Hutchins	610298				2	1		6	
Hutto	411280		6,375	0	3	Ø			
Jowa Park	611484		0	0]	5		12	
Iredell	611557				1	0			
irving	610304		23,749	4,800	32	138		538	
Italy	610308		195		6	0		3	
Itasca	610309		0	0	17	0			
Josephine	612205		0		2				
Joshua	610315	-				0			
Justin	610321					0			
Kamay	611489					0		21	
Kaufman	310501		13,181	o	166	7		131	
Xeene	610323		2,911	72	10	7		9	
Keller	610324		930	8	1	4		2	
Kemp	310502				5	1		1	
Kennedate	612056		1,575		1	10		9	
Kerens	310503		0	-27	9	21			
Kerrville	410360		2,022	144	30	2		24	
Killeen	411048		0	186	1	2		4	
Knax City	110885		0	0	0	2		2	
Kosse	610332				1			1	
Krum	610333				2	1		3	
Kurten ML	411079				0	<u> </u>			
Lacy Lakeview	962850		4,544		ů	1		1	
Ladonia	310530				1	0			
Lake Dallas	610336				2	1		1	
Lake Worth	612669				£	 0		4	
Lakeside	512668							1	
Lakeport	311484				3	O			
Lampasas	411611		300		10	2		10	
Lancaster	610341			0	78	7		175	
Lawn	211108		68	ů		0		1	
Leander	411294							1	
Leona	311916		·····		-,	1		1	
Leonard	310546		0	0		2			
								35	
Lewisville	610350 410400		576	2,647	8	22			
Lexington	610358		0	0	2	00		1	
				0	3.			1	
Lincoln Park	611198					0			
Líndsəy	610360		0	0					
Lipan Units Flux	611491		7		1	3		1	
Little Elm Little River-	610946			9,000		0			
Academy	410954				0	<u></u>			
Uano	410488		519	297	20	1		9	
Lometa	410948				9			1	
Lone Oak	310872					0			
Longvlew	310882		11,261	10	53	4		43	
Loraine	211109		20						
Lorena	610955	· · · ·				0		1	
Lott	410981		4,898		4	0			
Lueders	211110		0		3	0			
Mabank	910909		٥			0			

		Distribution Pi	ping Mat	erial (Feet)	Sei	rvice Line Material	(Each)	Components (Each)
City	System ID	Cast Iron	Steel	Plastic	Steel Services	Plastic Services	Copper Services	Components
Madisonville	311631		963		49	11		41
Malakoff	310904		0	o	12	1		1
Malone	610963		Ó	0	4	0		
Manor	410510	(60					2
Mansfield	610964		2,071	2,903	3	56		65
Marble Falls	410512				7			5
Marlin	410982		6,575	5,029	162	66		185
Mart	610965		0	229	15	1		2
May	611500	-	0		15	_		L
	610966	******		52	2	1		1
Maypear) McCaulley	211111		4 5 2 5	54	2			
			1,536					
McGregor	610967		10,921	2,238	135	51		228
McKinney	610969		1,823	1,509	4	26		
Megargel	611501				22	0		
Melissa	610975		0	704	7	0		
Meridian	610976		0		6	0		1
Merkel	211113		23		25	0		2
Mesquite	610980		2,184	965	43			33
Mexia	610983		854	52	14	0		3
Midlothian	610984		0		12	0		7
Midway	311632				1	<u> </u>	· · · · · · · · · · · · · · · · · · ·	
Miles	211114		O			0		
Milford	610986		370		2	0		
Montague	610993				1	0		
Moody	610995		4,045	635	29			14
Moran	611502		o		5	0		
Morgan	610996		7		2	0		
Muenster	610998		٥			0		1
Munday	110894		247		15	1		. 7
Murchison	310947	_				0		
Murphy	610999					1		6
Nevada	612207					0		
Newark	611004				2	0		
Newcastle	611503		o			O		
Nocona	611016		0		7	4		2
Normangee	311633		130		12	4		7
North Richland Hills	612028		-1,517	338		Ś	1	68
North Zulch	311634	f			1	1		1
Northlake	612545	······		2,100	*	1		8
Novice	611504	~		2,100	1	0		
Oak Point	611198				, , , , , , , , , , , , , , , , , , 	U		5
O Brien	110899	·····			1	0		5
	310999			<i>c</i> 0		U		
Oakwood Odell				58	5			
Odell	611506		0					1
Oklaunion	611507		0			<u>.</u>		********
Olden	611510					0		
Olney	611511		332	32	1	2		5
Osceola	611039							. 1
Ovilla	611072					-1		
Palestine	311006		4,846	388	30			17
Palmer	611040 611426		0	0	4	S		. <u> </u>

		Distribution Piping Material (Feet) Service Line Material (Each)		Iping Material (Feet) Service Line Material (Each)		ribution Piping Material (Feet)		Components (Each)	
City	System (D	Cast Iron	Steel	Plastic	Steel Services	Plastic Services	Copper Services	Components	
Paradise	611043				1	0			
Pařís	311017		13,559	4,095	51	28		66	
Pecan Gap	311035			0		<u>0</u>			
Penelope	611048		0		7	4			
Petrolla	611515	_	0		5	<u>ر</u> 0			
Petty	311041		0		1				
Pickton	311046					0			
Pilot Point	6110S2		375	6	17	1		2	
Plano	611054		-303	-690	3	-49			
Pleasant Valley	611539				0				
Point	311079				1	.0			
Ponder	611057			:	1	D		1	
Pottsboro	611061		0		3	0		4	
Pottsville	411120		<u>~</u>		2	· · · · ·			
Poynor	311086				1	1			
Princeton	611054		284	901	2	13			
	611070		315	501	2	2		1	
Prosper	110900			3	. 19	6		7	
Quanah			1,783					,	
Quinfan	311096				1	D			
Quitman	311097				3	0		4	
Ranger	611517		240		11	D			
Ravennə	311144				2	1			
Reagan	410976		0			1			
Red Oak	611072		59		1	1	······		
Rendon	611495		5			0			
Reno (Live Oak Tap)	610949		200		2	····			
Retreat	311157	.		243				<u> </u>	
Rice	611959			9,555					
Richardson	611083		3,288	1,078	-3			99	
Richland	311159				3	0			
Richland Hills	612027					4		18	
Riesel	611085				2	0	·····	·	
Rio Vista	611086					0			
River Oaks	612670		217			. 4		14	
Roanoke	611089		1,039	15	2	2		5	
Robert Lee	211123		111			1		1	
Robinson	962853		2,438	14	42	17		31	
Roby	211125		0		3	0		1	
Rochester	110904				1	1			
Rockdale	410626				20	1		5	
Rockwall	611090		0	3,922	1	1		10	
Rogers	410942				3				
Roscoe	211127		42		. 22	0		2	
Rosebud	410943		3,914	2,136	145			72	
Rotan	211128		5		2	1		5	
Round Rock	410693		16	5	5	·····		4	
Rowéna	211129		0	.,					
Rowlett	611105		114	1,572	10	18		57	
	311171			21612	2	0			
Roxton Royse City	611114	·	70			0	······		

		Distribution Pi	ping Mat	erial (Feet)	Ser	vice Line Material	(Each)	Components (Each)
City	System ID	Cast Iron	Steel	Plastic	Steel Services	Plastic Services	Copper Services	Components
Rule	110905		0		15	0		2
Runaway Bay	611117			······	2	0		
Sabine	310552		2,331		3			5
Sachse	611119		3,064	1,128	2	29		34
Sadler	611120	1			1	0		1
Saginaw	611121		· · · ·		5	0		10
Saint Jo	611122		692		10			6
San Angelo	211132		26,130	12,647	303	106		349
San Saba	611995		494	19.00	5			4
Sanger	611125			407	9	2		6
Sanger Sansom Park	612671			407		ź		5
,	611521]	816	0	25	4		3
Santa Anna					2	44		
Santo	611522		218					
Savoy	611126		52	5	2	1	·	2
Scurry	311197		1,017	425	1	11		
Seagoville	611387		18	220	163	3		5
Seymour	611523	,	989		21	0		16
Shady Shores	611132	·		·····		0		
Sherman	611136		5,670	314	22	6		45
Snyder	211139		1,934	920	24	7		15
Somerville	411080				3	0		
Southlake	611162		-1,421	-6,279	0	3		22
Southmayd	611163				3	0		
Springtown	611165		0	0	2	0		1
Stamford	211478		٥	90	27	2		1
Star	611997				1			
Star Harbor	311228							1
Stephenville	611556		1,700	103	25	2		26
Strawn	611526		97		4	Ø		
Streetman	311901				1			
Sulphur Springs	311237		2,868	213	29	18		17
Sunnyvale	611388				12	. 0		1
Sunset	611183		0		1	1		
Sweetwater	211142		3,799	105	79	9		19
Sylvester	211146		0		2	0		
Talpa	612020					0		
Taylor	410708		192	153	8	1		
Teague	311902		4,980	247	74	10		8
Tehuacana	611188	·	0		1	O		
Temple	410955		58	2,101	35	3		16
Terreli	311258		3,687	2,101	51			f0
The Colony	610116			30	1			9
	611356		0		<u> </u>			
Thornton Theelf	410780		U	······	2			
Thrait								1
Throckmorton	611529		549		1	3		
Tioga	611194		2,904	7,400	6	33		97
Tom Bean	611195	******			2	1		4
Trent	211148		8					1
Trenton	311310			0	4	0		
Trinidad	311315					1		
Trophy Club	612301			2,071		13		2

,

		Distributio	n Piping Mat	erial (Feet)	2	iervice Line Material (Ea	ch)	Components (Each)
e e andre e	System				Steel		Copper	
City	ID	Cast Iron	Steel	Plastic	Services	Plastic Services	Services	Components
Troy	410975					1		
Tuscola	211150		0		1	0		
Туе	211152		0			0		
Tyler	310041		1,581	894	12	2		2
UNINCORPORATED	0		28,722	371	968	17		
University Park	612099	17,357		0	312	12		43
Valera	611530					O		·····
Valley Mills	611211			·	2	a		
Valley View-Cooke	611212					0		
Van Alstyne	611213		443	20		0		
Venus	611214		2,625	378	14			1
Vera	110909		0					
Vernon	611532		1,035	0		7		10
Waco	611218		12,609	2,099	118	27		428
Walnut Springs	611228					0		
Watauga	611229		8	B	2	2	1	
Waxahachie	611230		79,820	1,990	349	11		65
Weinert	110910				1	2		5
Wells Branch	411519							1
West	611240		274	4	8	1		-
Westlake	611243		· ·	<u>,</u>				
Westover Hills			12			1		
Westover Lins	610226					+		
Westworth Village	612672		8,487	-21	113	65		18
White Settlement	612673		2,667	135	19	18		40
Whitehouse	211203					2		
whitehouse	911383		0		12	2		4
Whitesboro	611248		0	Ð	1	1		4
Whitewright	611251		0		1	0		
Whitney	611252		0		5	1		4
Wichita Falls	611539		12,842	3,174	75	70		152
With a runs	011555			5,174	,3	75		
Wilmer	611264		Ö		24	2		
Windom	311396					0		
Wingate	211159		٥					
Winters	211160		149		4	o		
Wolfe City	31,1402		227	119	0	1		
Woodway	962861			54	59	0		
Wortham	611271	·····	3,559	1,250	6	19		6
Wylie	611273		130		2	4		1
Yantis	311408				-	1		

Summary 388,432	910,705	229,691	16,390	5,625	18	24,702

Note: Includes prior calendar year asset adjustments for Distribution Facilities Replacements.

CASE NO. 2018-00281 ATTACHMENT 7 TO STAFF POST-HEARING DR NO. 1-30



March 9, 2016

Ms. Kari French Director, Oversight and Safety Division Railroad Commission of Texas

Ms. French:

Please find attached for your review and approval the Atmos Energy West Texas Division's Distribution Facilities Replacement Completion Report and Distribution Facilities Replacement Work Plan pursuant to the requirements of Railroad Commission of Texas 16 TAC 8.209 Distribution Facilities Replacement rule.

During the calendar year ending December 31, 2015, the Atmos Energy West Texas Division replaced bare steel mains with indications of active corrosion and other facilities based on an assessment of existing known risk and in response to changing conditions that created risk as they presented themselves during the year (i.e. occurrence of leaks, newly identified threats). In total, the West Texas Division replaced or retired approximately 305,227 feet of steel main, 298,634 feet of plastic main and 3,648 steel services. The Distribution Facilities Replacement Completion Report detailing the distribution facilities replaced or retired by the West Texas Division during the calendar year ending December 31, 2015 is included as an enclosure to this correspondence.

During the calendar year ending December 31, 2016, the Atmos Energy West Texas Division will continue to replace or retire bare steel mains with indications of active corrosion and will continue to replace or retire other facilities based on an assessment of existing, known risk and in response to changing conditions that create risk as they present themselves during the year. In total, the West Texas Division plans to replace or retire approximately 352,900 feet of steel main, 57,600 feet of plastic main and 4,100 steel services. The Distribution Facilities Replacement Work Plan detailing the distribution facilities proposed for replacement by the West Texas Division during the calendar year ending December 31, 2016 is included as an enclosure to this correspondence.

Atmos Energy recognizes that risk characterized in the Work Plan is defined by 'known' conditions that exist within facilities in the distribution system at the time the risk assessment is performed and the Work Plan is established. A risk model cannot quantify unknown, undiscovered or unranked risk. Atmos Energy will take into account these 'unknown' conditions in any given year as they present themselves and may retire or replace facilities in order to mitigate these risks.

We appreciate the opportunity to update the Railroad Commission on work completed in 2015 and your consideration of our replacement plans for 2016. We look forward to your response,

Sincerely,

Brook

Bill Brooks Manager, Engineering Services West Texas Division

Enclosures (2)

RECEIVED RRC OF TEXAS MAR 0 9 2016

PIPELINE SAFETY DIVISION AUSTIN, TEXAS

Distribution Facilities Replacement Reporting

Atmos Energy West Texas Division

Completion Report (2015)

Material	Distribution Piping (feet)	Service Lines (each)	Components (each)
Steel	305,227	3,648	-
Plastic	298,634		-
Misc	· -		19,351
Grand Total	603,861	3,648	19,351

Work Plan (2016)

Material	Distribution Piping (feet) *	Service Lines (each) *	Components (each) *
Steel	352,900	4,100	
Plastic	5 7,600	-	-
Misc	-		16,000
Grand Total	410,500	4,100	16,000

*Approximate Figures

			iping Material et)	Service Line Material (each)	Components (each)
City	System ID	Steel	Plastic	Steel	
Abernathy	110012				18
Amarillo	110017	43,435	1,309	320	3,927
Amherst	110024	10,854	-	74	55
Anton	110025	360		1	77
Blg Spring	210075	37,588	351	296	692
Bovina	110059			· · · · · · · · · · · · · · · · · · ·	15
Brownfield	110069	360	196	17	367
Buffalo Springs	110071				15
Bushland	110073		_	1	8
Canyon	110089	5,037	146	155	67
Channing	110097	20	-	-	3
Coahoma	210117		429	4	55
Cotton Center	110124		······································	· · · · ·	1
Crosbyton	110131			-	13
Dalhart .	110140	4,001	2	13	230
Dimmitt	110154	1,696	126	33	92
Earth	110163		-	3	7
Edmonson	110166		3,961	1	2
Floydada	110184	966		20	39
Forsan	210211				1
Friona	110193	81	10	10	116
Fritch	110194				74
Hale Center	110223	-	1.0	6	28
Нарру	110227	1,287	7	2	1
Hart	110231	-	1	2	18
Hartley	110232				7
Hereford	110237	8,745	46,060	102	639
Idalou	110246	514	6	1	34
Kress	110274	-	83	2	8
Lamesa	210350	462		6	246
Lenorah	210355				-
Levelland	110294	348	451	16	341
Littlefield	110322	10,150	2,670	222	359
Lockney	110326	94	-	1	13
Loop	210627				1
Lorenzo	110329	1,401	21,600		-
Lubbock	130475	38,168	60,983	558	4,604
Meadow	110347				3
Midland	210660	37,923	7,949	785	2,037
Muleshoe	110379	346	8,532	4	297
Nazareth	110385				6
New Deal	110386	_	-		9

Atmos Energy West Texas Division

			Piping Material Set)	Service Line Material (each)	Components (each)
City	System ID	Steel	Plastic	Steel	
New Home	110387				3
North R/D (Lubbock)	111111		8,006	19	-
North RD (Amarillo)	110494	10,260	240	27	-
Odessa	210730	8,516	4,905	246	1,832
O'Donnell	210723				4
Olton	110401				42
Pampa	110415	8,345	1,262	219	860
Panhandle	110421	1,516	5	11	79
Petersburg	110432	21	-	-	33
Plainview	110440	21,578	55,102	408	864
Post	110451	110	-	2	115
Quitaque	110460	-	108	4	7
Ralls	110461	10	-		8
Ropesville	110495				18
Sanford	110501				6
Seagraves	210796	25	30,733	4	55
Seminole	210797	3,275	24,560	4	186
Shallowater	110513		30	-	137
Silverton	1.10523	2	15,226		2.5
Slaton	110528	14	1	3	82
Smyer	110529				43
South RD (Amarillo)	110282	24,101	-	4	31
Southland	110532		-		6
Springlake	110535				1
Stanton	210818	13,674	1	7	35
Sudan	110546	9,867	-	12	40
Tahoka	110565	-	-	1	33
Tulia	110582	79	282	11	38
Turkey	110585				10
Umbarger Farwell	130471				1
Vega	110592		1,906	10	15
Vigo Park Rural	110594				-
Welch	210913	······			3
Wellman	110609	-	1,370	1	9
Whitharrall	110623				3
Wildorado	111129				5
Wilson	110628				7
Wolfforth	110632				190
Grand Total		305,227	298,634	3,648	19,351

Atmos Energy West Texas Division



March 13, 2017

Ms. Kari French Director, Oversight and Safety Division Railroad Commission of Texas

Ms. French:

Please find attached for your review and approval the Atmos Energy West Texas Division's Distribution Facilities Replacement Completion Report and Distribution Facilities Replacement Work Plan pursuant to the requirements of Railroad Commission of Texas 16 TAC 8.209 Distribution Facilities Replacement rule.

During the calendar year ending December 31, 2016, the Atmos Energy West Texas Division replaced bare steel mains with indications of active corrosion and other facilities based on an assessment of existing known risk and in response to changing conditions that created risk as they presented themselves during the year (i.e. occurrence of leaks, newly identified threats). In total, the West Texas Division replaced or retired approximately 504,754 feet of steel main, 171,864 feet of plastic main and 4,447 steel services. The Distribution Facilities Replacement Completion Report detailing the distribution facilities replaced or retired by the West Texas Division during the calendar year ending December 31, 2016 is included as an enclosure to this correspondence.

During the calendar year ending December 31, 2017, the Atmos Energy West Texas Division will continue to replace or retire bare-steel mains with indications of active corrosion and will continue to replace or retire other facilities based on an assessment of existing, known risk and in response to changing conditions that create risk as they present themselves during the year. In total, the West Texas Division plans to replace or retire approximately 325,100 feet of steel main, 54,100 feet of plastic main and 5,300 steel services. The Distribution Facilities Replacement Work Plan detailing the distribution facilities proposed for replacement by the West Texas Division during the calendar year ending December 31, 2017 is included as an enclosure to this correspondence.

Atmos Energy recognizes that risk characterized in the Work Plan is defined by 'known' conditions that exist within facilities in the distribution system at the time the risk assessment is performed and the Work Plan is established. A risk model cannot quantify unknown, undiscovered or unranked risk. Atmos Energy will take into account these 'unknown' conditions in any given year as they present themselves and may retire or replace facilities in order to mitigate these risks.

We appreciate the opportunity to update the Railroad Commission on work completed in 2016 and your consideration of our replacement plans for 2017. We look forward to your response.

Sincerely, Brook

Bill Brooks Manager, Engineering Services West Texas Division

Enclosures (2)

Distribution Facilities Replacement Reporting

Atmos Energy West Texas Division

Completion Report (2016)

Material	Distribution Piping (feet)	Service Lines (each)	Components (each)
Steel	504,754	4,447	<u>An an /u>
Plastic	171,864		-
Misc	-	-	16,014
Grand Total	676,618	4,447	16,014

Work Plan (2017)

Material	Distribution Piping (feet) *	Service Lines (each) *	Components (each) *
Steel	325,100	5,300	-
Plastic	54,100	-	-
Misc	-	-	15,000
Grand Total	379,200	5,300	15,000

*Approximate Figures

Distribution Facilities Replacement Completion Report (2016)

Atmos Energy West Texas Division

			Piping Material eet)	Service Line Material (each)	Components (each)
City	System ID	Steel	Plastic	Steel	
Abernathy	110012	<u>,</u>		1	16
Amarillo/Bushland	110017	110,506	630	651	3,067
Amherst	110024				20
Anton	110025	382			. 29
Bovina	110059	3,961		24	27
Brownfield	110069	10,145	5,214	60	202
Buffalo Springs Lake	110003	10,145	5,614	1	3
Canyon	110071	1,982	14,910		77
Channing	110085	1,702	3,053	42	103
	<u>; </u>	750	5,055	1	
Crosbyton	110131	758		1	5
Dalhart	110140	2,769	9	12	81
Dimmitt	110154	467		4	117
Earth	110163	60			15
Edmonson	110166	7,805	3,030	58	. 2
Floydada	110184	1,431			14
Friona	110193				30
Fritch	110194	5		3	49
Hale Center	110223				10
Нарру	110227				3
Hart	110231				16
Hartley	110232				· 13
Hereford	110237	29,117	82,191	78	227
idalou	110246	10		1	12
Kress	110274	5		an a an	4
Levelland	110294	12,049	14	. 118	465
Littlefield	110224	14,186	29	116	316
Floyd County Rural	110326	20	10	110	4
Lorenzo	110320	20	264	1	
		22.674		576	
Lubbock	110332	33,671	12 , 697	570	3,661
Meadow	110347	~~~			5
Muleshoe	110379	31		1	192
Nazareth	110385				4
New Deal	110386		5		6
New Home	110387	7		1	1
Olton	110401	32	0.704	2	21
Pampa	110415	3,915	3,531	. 78	666
Panhandle	110421	1,275		8	95
Petersburg	110432	60			11
Plainview	110440	55,935	26,023	837	965
Post	110451	6		2	36
Quitaque	110460				4
Ralls	110461	1,755		3	1
Ropesville	110495	240			11
Sanford	110501			3	3
Shallowater	110513		18		33
Sllverton	110523	141		1	14
Slaton	110528	460		2	31
Smyer	110529			36	32
Southland	110532				1
Springlake	110535	79			4
Sudan	110546	5			22
Tahoka	110565	16		1	15
Tulia	110582	162	10	2	10

and the second

Distribution Facilities Replacement Completion Report (2016)

Atmos Energy West Texas Division

		[1] A. M.	Piping Material . Pet)	Service Line Material (each)	Components (each)
City	System ID	Steel	Plastic	Steel	
Turkey	110585	20		3	4
Vega	110592				. 6
Weliman	110609				1
Whitharrall	110623				2
Wilson	110628	7	5	1	2
Wolfforth	110632		5		91
Lubbock County Rural	111111	43,711	19,655	351	13
Wildorado	111129				43
Big Spring	210075	44,052	5	242	692
Coahoma	210117			2	72
Lamesa	210350	303		13	119
Midland	210660	51,212	495	421	1,522
O'Donnell	210723	195			3
Odessa	210730	44,259	60	631	2,169
Seagraves	210796	73		4	49
Seminole	210797	1,355	1	15	388
Stanton	210818	185		8	34
Welch	210913				3
Tanglewood	960822				9
Hartley/Moore Counties Rural	962958	200		3	3
Potter County Rural	962959	25,230		- 40	
Randall/Armstrong Counties Rural	962960			2	8
Deaf Smith/Oldham Counties Rural	962978				1
Carson/Gray-Counties Rural	963063		s i tratta ta		3
Terry/Yoakum/Gaines Counties Rural	963065				1
Lynn/Garza Counties Rural	963066			1	
Opdyke West	964501				2
Briscoe/Hall Counties Rural	96 4582				2
Howard/Martin/Dawson Counties Rural	964583	481		1	
Ector County Rural	964584			1	
Midland County Rural	964850	23			
Grand Total		504,754	171,864	4,447	16,014

CASE NO. 2018-00281 ATTACHMENT 9 TO STAFF POST-HEARING DR NO. 1-30



March 9, 2018

Ms. Karl French Director, Oversight and Safety Division Railroad Commission of Texas

Ms, French:

Please find attached for your review and approval the Atmos Energy West Texas Division's Distribution Facilities Replacement Completion Report and Distribution Facilities Replacement Work Plan pursuant to the requirements of Railroad Commission of Texas 16 TAC 8.209 Distribution Facilities Replacement rule.

During the calendar year ending December 31, 2017, the Atmos Energy West Texas Division replaced bare steel mains with indications of active corrosion and other facilities based on an assessment of existing known risk and in response to changing conditions that created risk as they presented themselves during the year (i.e. occurrence of leaks, newly identified threats). In total, the West Texas Division replaced or retired approximately 381,608 feet of steel main, 172,662 feet of plastic main and 2,461 steel services. The Distribution Facilities Replacement Completion Report detailing the distribution facilities replaced or retired by the West Texas Division during the calendar year ending December 31, 2017 is included as an enclosure to this correspondence.

During the calendar year ending December 31, 2018, the Atmos Energy West Texas Division will continue to replace or retire bare steel mains with indications of active corrosion and will continue to replace or retire other facilities based on an assessment of existing, known risk and in response to changing conditions that create risk as they present themselves during the year. In total, the West Texas Division plans to replace or retire approximately 380,200 feet of steel main, 35,900 feet of plastic main and 6,400 steel services. The Distribution Facilities Replacement Work Plan detailing the distribution facilities proposed for replacement by the West Texas Division during the calendar year ending December 31, 2018 is included as an enclosure to this correspondence.

Atmos Energy recognizes that risk characterized in the Work Plan is defined by 'known' conditions that exist within facilities in the distribution system at the time the risk assessment is performed and the Work Plan is established. A risk model cannot quantify unknown, undiscovered or unranked risk. Atmos Energy will take into account these 'unknown' conditions in any given year as they present themselves and may retire or replace facilities in order to mitigate these risks.

We appreciate the opportunity to update the Railroad Commission on work completed in 2017 and your consideration of our replacement plans for 2018. We look forward to your response.

Sincerely,

Mike Culp Manager of Compliance Atmos Energy Corporation West Texas Division

Enclosure

Distribution Facilities Replacement Reporting

Atmos Energy West Texas Division

Cumulative Completion Report (2011-2017)

Material	Distribution Piping	Service Lines (each)	Components
Steel	2,117,063	22,450	
Plastic	869,301	-	-
Misc.	•		70,771
Grand Total	2,986,364	22,450	70,771

Work Plan (2017)

Material	Distribution Piping (feet) *	Service Lines (each) *	Components (each) *
Steel	325,100	5,300	-
Plastic	54,100	-	-
Misc.	-	. 🖛	15,000
Grand Total	379,200	5,300	15,000

Completion Report (2017)

Material	Distribution Piping (feet)	Service Lines (each)	Components (each)
Steel	381,608	2,461	
Plastic	172,662		-
Misc.	-	-	17,640
Grand Total	554,270	2,461	17,640

Work Plan (2018)

Material	Distribution Piping	Service Lines (each) *	Components (each) *
Steel	380,200	6,400	-
Plastic	35,900	-	-
Misc.	_	-	15,000
Grand Total	416,100	6,400	15,000

*Approximate Figures

		Distribution Piping Material (feet)		Service Line Material (each)	Components (each)
City	System ID	Steel	Plastic	Steel	
Abernathy	110012	60		2	198
Amarillo/Bushland	110017	58,211	4,478	364	3,929
Amherst	110024	9,052	-		39
Anton	110025		18,576	·	26
Bovina	110059		74	3	6
Brownfield	110069	773	8	3	259
Buffalo Springs Lake	110071				3
Canyon	110089	1,096	*	1	59
Channing	110097		-		·
Crosbyton	110131		5		11
Dalhart	110140	82	-	2	92
Dimmitt	110154	5	4,529	2	77
Earth	110163		-		5
Edmonson	110166	680	15,692	4	~
Floydada	110184	150	199	1	17
Friona	110193	36	15	2	120
Fritch	110194	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-	1	735
Hale Center	110223		-	2	7
Нарру	110227		11,916	1	
Hart	110231				7
Hartley	110232				110
Hereford	110237	2,047	1,984	173	100
Idalou	110246	and a state of the			20
Kress	110274				16
Levelland	110294	365	10,212	137	365
Littlefield	110322		11		317
Lorenzo	110329	28	1,700		49
Lake Ransom Canyon	110332	85,701	1,555	449	4,403
Meadow	110347		15		48
Muleshoe	110379			1	345
Nazareth	110385	5,124	-	14	19
New Deal	110386				4
New Home	110387				3
Olton	110401		5		16
Pampa	110415	1,406	4,285	12	218
Panhandle	110421	437	-	3	427
Petersburg	110432	226		1	18
Plainview	110440	27,383	19,598	189	270
Post	110451	10,302	-	55	64
Quitaque	110460		30		11
Ralls	110461	4,479	-	1	10
Ropesville	110495	20	-	1	43
Sanford	110501				27
Shallowater	110513	5	20	3	38
Silverton	110523		-		20
Slaton	110528	5,785	242	51	64
Smyer	110529			88	58
Southland	110532				3
Springlake	110535		-		1
Sudan	110546				15
Tahoka	110565	5	-	2	10

Atmos Energy West Texas Division

Distribution Facilities Replacement Completion Report (2017) Atmos Energy West Texas Division

		Distribution Piping Material (feet)		Service Line Material (each)	Components (each)
City	System ID	Steel	Plastic	Steel	
Tulia	110582	_10,634	5	76	31
Turkey	110585	1	-	2	12
Vega	110592	21	-	2	11.
Wellman	110609	677			-40
Whitharral	110623				1
Wilson	110628		•		7
Wolfforth	110632				160
Wildorado	111129		-	1	-
Big Spring	210075	10,945	-	58	·
Coahoma	210117	296		2	43
Lamesa	210350	85	v	2	132
Midland	210660	52,758	18,736	334	951
O'Donnell	210723				4
Odessa	210730	79,167	1,043	408	2,093
Seagraves	210796	4,155	4,500		61
Seminole	210797	475	28,292		251
Stanton	210818	23	-		28
Welch	210913		200	2	3
Tanglewood	960822				257
Opdyke West	964501				1
Forsan	210211	8,913	11,200	6	-
Lenorah	210355				-
Loop	210627	a second and the second and			
Tarzan	210859				-
Grand Total		381,608	172,662	2,461	17,640

112 No. 11 - 272.91

Ŀ

CASE NO. 2018-00281 ATTACHMENT 10 TO STAFF POST-HEARING DR NO. 1-30



March 13, 2019

Ms. Karl French Director, Oversight and Safety Division Railroad Commission of Texas

Ms. French:

Please find attached for your review and approval the Atmos Energy West Texas Division's Distribution Facilities Replacement Completion Report and Distribution Facilities Replacement Work Plan pursuant to the requirements of Railroad Commission of Texas 16 TAC 8.209 Distribution Facilities Replacement rule.

During the calendar year ending December 31, 2018, the Atmos Energy West Texas Division replaced bare steel mains with indications of active corrosion and other facilities based on an assessment of existing known risk and in response to changing conditions that created risk as they presented themselves during the year (i.e. occurrence of leaks, newly identified threats). In total, the West Texas Division replaced or retired approximately 522,690 feet of steel main, 111,963 feet of plastic main, and 4,896 services lines. Note that while the original estimate in the 2018 Work Plan for steel service line replacement was 6,400, ultimately areas of larger diameter pipe were replaced that contained fewer service lines, resulting in a lower actual count than originally estimated. The Distribution Facilities Replacement Completion Report detailing the distribution facilities replaced or retired by the West Texas Division during the calendar year ending December 31, 2018 is included as an enclosure to this correspondence.

During the calendar year ending December 31, 2019, the Atmos Energy West Texas Division will continue to replace or retire bare steel mains with indications of active corrosion and will continue to replace or retire other facilities based on an assessment of existing, known risk and in response to changing conditions that create risk as they present themselves during the year. In total, the West Texas Division plans to replace or retire approximately 426,775 feet of steel main, 37,615 feet of plastic main and 4,344 steel services. The Distribution Facilities Replacement Work Plan detailing the distribution facilities proposed for replacement by the West Texas Division during the calendar year ending December 31, 2019 is included as an enclosure to this correspondence.

As we know, the risk characterized in the Work Plan is defined by known conditions that exist within facilities in the distribution system at the time the risk assessment is performed and the Work Plan is established, based on the risk model reviewed and approved by the Commission. The risk model cannot quantify unknown, undiscovered or unranked risk. We will continue to take into account any "unknown" conditions as they present themselves and may retire or replace facilities in order to mitigate these risks.

We appreciate the opportunity to update the Railroad Commission on work completed in 2018 and your consideration of our replacement plans for 2019. We look forward to your response.

Ric Kissinger Vice President of Technical Services Atmos Energy Corporation West Texas Division (806)798-4432

Enclosures (2)

Distribution Facilities Replacement Completion Report (2018) Atmos Energy West Texas Division

Cumulative Completion Report (2011-2018)						
	Distribution Piping	Service Lines	Components			
Material	(Feet)	(Each)	(Each)			
Steel	2,497,263	27,364				
Plastic	981,264					
Misc.			86,091			
Grand Total	3,478,527	27,364	86,091			

	Work Plan	2018	
Materia)	Distribution Piping (Feet)	Service Lines (Each)	Components (Each)
Steel	380,200	6,400	
Plastic	35,900		
Misc.			15,000
Grand Total	416,100	6,400	15,000

*Approximate Figures

	Completion Re		
	Distribution Piping (Feet)	Service Lines	Components
Material	(Feet)	(Each)	(Each)
Steel	522,690	4,896	
Plastic	111,963		
Misc.			15,429
Grand Total	634,653	4,896	15,429

Work Plan 2019					
	Distribution Piping (Feet)	Service Lines	Components		
Material	(Feet)	(Lach)	(Each)		
Steel	426,775	4,344			
Plastic	37,615				
Misc.			10,000		
Grand Total	464,390	4,344	10,000		

*Approximate Figures

ł

Distribution Facilities Replacement Completion Report (2018) Atmos Energy West Texas Division

		Distribution Pipir	ng Material (Feet)	Service Line Material (each)	Components (each)	
ow Labels	RRC System ID	Steel	Plastic	Steel	Components	a
ABERNATHY	110012	1	5	1	7	1
AMARILLO/BUSHLAND	110017	84,477	18,885	953	3,865	1
AMHERST	110024	12,546	16		13	
ANTON	110025	16,988	60	113	31	1
BIG SPRING	210025	11,203	112	41	86	1
BOVINA	110059	33	1		8	
BROWNFIELD	110055	24,047	159	144	467	1
BUFFALO SPRINGS LAKE	110003		20			1
CANYON	110091	735	20	5	827	
CHANNING	110083	10	<u></u>		1	1
СОАНОМА	210117	516	-	34	29	1
CROSBYTON	110131				29	1
DALHART		1 105			****	1
	110140	1,186	2	46	58	4
DIMMITT	110154	694	269	46	21	4
EARTH	110163	·		 	25	4
EDMONSON	110166			 	1	4
FLOYDADA	110184	10	16	L	29	4
FORSAN	210211	5,084		36		4
FRIONA	110193	32	4		107	1
FRITCH	110194	,I	1	I	331	1
HALE CENTER	110223		~	I	20	1
НАРРҮ	110227	307	~	I	3	1
HART	110231	7	1		59	1
HARTLEY	110232			l	1	1
HEREFORD	110237	7,995	540	7	78	gan en provinsioner
IDALOU	110246		15		11	1
KRESS	110274		- 1		7	1
LAKE RANSOM CANYON	110281		2		12	1
LAMESA	210350	783	386	3	80	1
LEVELLAND	110294	66	42	47	536	1
LITTLEFIELD	110322	949	148	i T	57	1
LOOP	210627		-	i	-	1
LORENZO	110329	·····	106	i – – – – – – – – – – – – – – – – – – –	1	1
LUBBOCK	110332	73,901	8,784	893	4,557	ł
MEADOW	110347		-		1,557	1
MIDLAND	210660	68,796	20,467	406	840	1
MULESHOE	110379	426	418	·	76	1
NAZARETH	110385	250	15	1	1	1
NEW DEAL	110385		30		12	1
NEW HOME	110387	ł		·	3	1
ODESSA	210730	76,737	11,108	720		1
O'DONNELL	210730		5	120	1,497	l
OLTON	110401			······	18	1
	······································			/ł		1
OPDYKE WEST	964501	. 169	7		1	1
PAMPA	110415	338	756	1	270	ł
PANHANDLE	110421	13			28	1
PETERSBURG	110432		-		37	1
PLAINVIEW	110440	51,703	42,315	788	170	4
POST	110451	10,301	1	49	112	1
QUITAQUE	110460		-		5	1
RALLS	110461		2		5	1
ROPESVILLE	110495	402	40		2	1
SANFORD	110501		-		22	1
SEAGRAVES	210796	40	66		39	1

1986 (1997) - Serie Carlos (1997) - Serie Carlos (1997) - Serie Carlos (1997) - Serie Carlos (1997) - Serie Car

ingt a start

Distribution Facilities Replacement Completion Report (2018)
Atmos Energy West Texas Division

SEMINOLE	210797	5	36		78
SHALLOWATER	110513	8,373	18	24	64
SILVERTON	110523	461	+	2	19
SLATON	110528	15,578	5,828	220	197
SMIYER	110529			31	3
SOUTHLAND	110532		-		
SPRINGLAKE	110535		-		1
STANTON	210818		8		38
SUDAN	110546	116	1		23
ТАНОКА	110565	5,467	.12	1	24
TANGLEWOOD	960822		1		2
TIMBERCREEK/PALISADES/					
MCMURTRY/CANYON WEST	960822		-		193
TULIA	110582	41,858	953	330	149
TURKEY	110585	20	251		4
VEGA	110592		-		9
WELCH	210913		-		1
WELLMAN	110609		-		3
WHITHARRAL	110623		· •		2
WILDORADO	111129		-		-
WILSON	110628		-		7
WOLFFORTH	110632	68	29	1	126
Grand Total		522,690	111,963	4,896	15,429

CASE NO. 2018-00281 ATTACHMENT 11 TO STAFF POST-HEARING DR NO. 1-30

DAVID PORTER, CHAIRMAN CHRISTI CRADDICK, COMMISSIONER RYAN SITTON, COMMISSIONER



KARI FRENCH DIVISION DIRECTOR

RAILROAD COMMISSION OF TEXAS OVERSIGHT AND SAFETY DIVISION PIPELINE SAFETY DEPARTMENT

April 18, 2016

455-21 Mr. Jeffrey S. Knights, Vice President Atmos Energy Corporation – Mid-Tex Division 5420 LBJ Freeway, Suite 1800 Dallas, TX 75240-3705

Re: 16 TAC §8.209, Distribution Facilities Replacements

Dear Mr. Knights,

On March 15, 2011, the Pipeline Safety Division published 16 TAC §8.209, Distribution Facilities Replacements, related to the integrity of gas distribution systems. This letter is in response to your procedural changes provided.

Procedures for your gas distribution system(s) have been received and approved. A safety inspection will be conducted in the near future to evaluate the implementation of your submitted procedures for adequacy.

If you have any questions or need assistance, please do not hesitate to contact Stephanie Weidman in Austin Headquarters at 512-463-7058.

Respectfully,

Kari L. French Oversight and Safety Director

1701 NORTH CONGRESS AVENUE * POST OFFICE BOX 12967 * AUSTIN, TEXAS 78711-2967 * PHONE; 512/463-8559 * FAX; 512/463-7319 TDD 800/735-2989 OR TDY 512/463-7284 * AN EQUAL OPPORTUNITY EMPLOYER * HTTP://WWW.RRC.TEXAS.GOV

CASE NO. 2018-00281 ATTACHMENT 11 TO STAFF POST-HEARING DR NO. 1-30



March 9, 2016

RRC OF TEXAS MAR 0.9 2016 PIPELINE SAFETY DIVISION AUSTIN, TEXAS

RECEIVED

Ms. Kari French Director, Oversight & Safety Division Railroad Commission of Texas Post Office Box 12967 Austin, Texas 78711

Dear Kari:

Please find attached for your review and approval the revised Atmos Energy Distribution Facilities Replacement Written Plan, which outlines how Atmos Energy intends to comply with the requirements of Railroad Commission of Texas 16 TAC 8,209 Distribution Facilities Replacement rule. This plan was revised from its original language to primarily add clarity around how Atmos Energy addresses risk within its facilities and does not alter the approach we have taken to date. This is the first such revision of the plan since its original filing.

We appreciate the Railroad Commission's consideration of these revisions and look forward to your response.

Sincerely, Andy Treadway

> Director, Regulatory and Compliance Mid-Tex

Mike Culp

Manager, Compliance West Texas

Atmos Energy Corporation 5420 LBJ Freeway, Suite 1800, Dallas, TX 75240 P 601-209-0597 F 214-206-2132 andy.treadway@atmosencrgy.com

TABLE OF CONTENTS

1	INTRODUCTION					
	1.1 1.2	GENERAL REGULATORY APPLICABILITY				
2	OVER	VIEW OF ATMOS ENERGY'S APPROACH	2			
	2.1 2.2 2.3	GENERAL KNOWN RISKS UNKOWN RISK	3			
3 SYST		STEM KNOWLEDGE				
	3.1 3.2 3.3	GENERAL DISTRIBUTION FACILITY DATA SUBJECT MATTER EXPERTS	4			
4 COMF		LIANCE	4			
	4.1 4.2	MEETING FACILITY REPLACEMENT REQUIREMENTS DISTRIBUTION FACILITIES REPLACEMENT WORK PLAN				

20.00

1.12

alate -

1 INTRODUCTION

1.1 <u>GENERAL</u>

Atmos Energy developed this <u>Distribution Facilities Replacement Written Plan</u>, the entirety of which is contained in this document, to comply with the requirements of Railroad Commission of Texas Rule 16 TAC 8.209, Distribution Facilities Replacement (Rule 8.209). The Distribution Facilities Replacement Written Plan will be referred to as the "Written Plan" throughout the remainder of this document.

The objective of the Atmos Energy Written Plan is to set forth the procedures by which Atmos Energy will establish (1) a prioritized schedule for the replacement of those facilities that pose the greatest known, relative risk to the operation of our natural gas distribution systems in Texas (the "Distribution Facilities Replacement Program"), and (2) a process to identify and replace previously unidentified, at-risk facilities that are discovered as part of the Company's day-to-day operations. The Distribution Facilities Replacement Program will work in conjunction with the Atmos Energy DIM (Distribution Integrity Management) Plan pursuant to applicable Federal Code (49 CFR 192.1007) by using scheduled replacements and/or retirements to manage identified risks associated with the integrity of distribution facilities.

This Written Plan is applicable to Atmos Energy's Mid-Tex and West Texas divisions that operate natural gas distribution systems and related facilities in Texas. These operators will collectively be referred to as "Atmos Energy" throughout the remainder of this document.

1.2 <u>REGULATORY APPLICABILITY</u>

The requirements of Rule 8.209 apply to all distribution-related facilities owned and operated by Atmos Energy, including but not limited to:

Transmission Lines

Facilities that operate at or above 20% SMYS that are part of the overall distribution system.

<u>Mains</u>

High-pressure facilities located downstream from sources of gas supply that serve as a common source of supply for more than one service line.

Service Lines

Distribution lines that transport gas from a common source of supply to an individual customer, to two adjacent or adjoining residential or small commercial customers, or to multiple residential or small commercial customers served through a meter header or manifold. A service line ends at the outlet of the customer meter or at the connection to a customer's piping, whichever is further downstream, or at the connection to customer piping if there is no meter.

Related Facilities

Appurtenances through which natural gas is transported, including district regulator stations, regulators, relief valves, valves, service regulators and Company-owned meters.

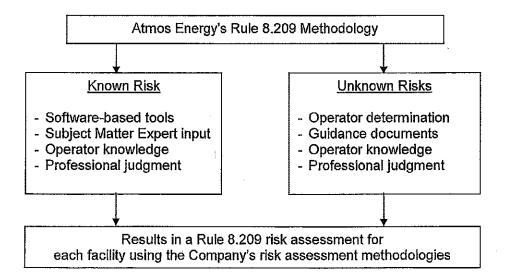
2 OVERVIEW OF ATMOS ENERGY'S APPROACH

2.1 <u>GENERAL</u>

Consistent with Rule 8.209, Atmos Energy's Written Plan is designed to determine whether continued operation of an existing facility creates a risk to the Company's distribution system. If a facility is determined to present an operational risk requiring replacement or retirement, Atmos Energy accounts for any resulting expenditure as a Rule 8.209 project. This is true regardless of how or when the risk is identified or the type of replacement or retirement activity that is undertaken to eliminate the risk.

Atmos Energy will use operator knowledge and professional judgment to identify, assess, and rank the risk to distribution facilities. Facilities will be grouped for analysis by similar physical and operating characteristics with consideration of construction material, location, operating pressure, vintages, operations and maintenance history, and other relevant factors. The Company's risk analysis is supported by software-based tools to determine ranking for known risks. An overall ranking of distribution facilities based on known risks is established using the numerical risk score and subject matter expert (SME) input.

The Company's approach to complying with the requirements in Rule 8.209 involves risk assessments that fall into two broad categories: (1) an annual, forward-looking risk assessment of facilities based on risks known at the time the annual risk ranking is performed (known risks), and (2) an in-the-field or real-time risk assessment that is performed for specific facilities whose risks the Company discovers during the course of routine work in the field or as a result of unforeseen circumstances (unknown risks). After the Company identifies a facility that presents a risk to its system, the Company will give consideration to replacing or retiring at-risk facilities in a manner that is designed to best serve the overall operational needs of the system. This approach is illustrated as follows:



Steel service lines do not pose the greatest risk to the Company's system. Therefore, steel service line provisions under Rule 8.209(d), (f) and (g) are not applicable. However, steel service lines are considered relative high risk facilities and as such are eligible for replacement or retirement under Rule 8.209.

2.2 KNOWN RISKS

The Company performs an annual risk analysis and ranking for facilities to determine known risks. The Company may rely on operator knowledge, professional judgment, software-based risk assessment tools, and SME analysis (or a combination of these methods) to provide input into known risks.

KNOWN RISK FACILITY GROUPS

Select facility groups are eligible without the necessity of being risk ranked on an annual basis. These facility groups may include, but are not limited to, cast iron facilities, cathodically unprotected steel facilities, early generation plastic facilities and obsolete components. Additional groups of facilities may be added from time-to-time based on demonstrated performance of a facility group, industry experience with a facility group and regulatory guidance regarding a facility group.

Once a risk is identified, the identified facility is considered for replacement or retirement per Rule 8.209. Identified facilities will be replaced or retired in a manner that best serves the overall operational needs of the system at the time of replacement or retirement.

2.3 UNKNOWN RISKS

The Company routinely discovers facilities that present previously unknown risks. When unknown risks are discovered during the course of routine work or as part of day-to-day operations, Company personnel assess the risk of the facility based on system knowledge, professional judgment and guidelines for assessing whether a project qualifies for Rule 8.209 treatment.

UNKNOWN RISK FACILITY GROUPS

Select facility groups are eligible for Rule 8.209 treatment without the necessity of being risk ranked. One such facility group is relocation/road moves qualifying under Rule 8.209(e)(5). Additional facility groups may be added from time-to-time based on Rule 8.209 requirements.

Once a risk is identified, the identified facility is considered for replacement or retirement under Rule 8.209. Identified facilities will be replaced or retired in a manner that best serves the overall operational needs of the system at the time of replacement or retirement.

3 SYSTEM KNOWLEDGE

3.1 <u>GENERAL</u>

Atmos Energy gathers information about the Company's distribution infrastructure from existing records of design, construction, and operations & maintenance activities as well as SME input. Atmos Energy uses the same data sources used to file the PHMSA Form 7100.1-1 Annual Report for Gas Distribution Systems and the data submitted on the Railroad Commission of Texas PS-95 Semi-Annual Leak Report. Atmos Energy files separate Form 7100.1-1 and PS-95 reports for the Mid-Tex and the West Texas Divisions.

The Company relies on data that is available at the time annual risk analysis is conducted to identify the distribution facilities that pose high relative risks to the operation of the system per the requirements of Rule 8.209(d). Types of data relied on by the Company may include, but are not limited to the data identified in Section 3.2 below.

3.2 DISTRIBUTION FACILITY DATA

To the extent available at the time the risk analysis is conducted, the following distribution facility data will be gathered, documented, and updated for use in the risk analysis.

- Pipe Location
- Corrosion
- Pipe Attributes and operations and maintenance history (including leaks)
- Environmental factors
- Other factors

Elements of data and information that should be considered in risk analysis are further discussed in Rule 8.209(e).

3.3 SUBJECT MATTER EXPERTS

Atmos Energy relies, in part, on SMEs to identify and review distribution facility risks. A SME is any person(s) knowledgeable about the design, construction, operations, maintenance activities, or the system characteristics of Atmos Energy's distribution systems.

4 COMPLIANCE

4.1 MEETING FACILITY REPLACEMENT REQUIREMENTS

In each division, Atmos Energy will identify those known facilities that pose the highest relative risk to the operation of the system and replace those facilities in accordance with Rule 8.209(h).

In addition, Atmos Energy recognizes that facilities and associated risks contained in the Work Plan reflect only 'known' conditions that exist within facilities in the distribution system at the time the annual risk assessment is performed. The risk model used to identify facilities in the Work Plan cannot quantify unknown, undiscovered or unranked risk at the time of the annual assessment. For this reason, Atmos Energy will take into account any 'unknown' conditions in a given year as they present themselves and may replace or retire facilities in order to mitigate these previously unknown risks.

4.2 DISTRIBUTION FACILITIES REPLACEMENT WORK PLAN

Atmos Energy will comply with report filing requirements in Rule 8.209(i). Each Division will file separate reports consisting of the following:

- Completion Report Distribution facilities replaced during the prior calendar year listed by system ID and material.
- Work Plan Distribution facilities with known risks that Atmos Energy proposes to replace for the current calendar year.

Page 4

Atmos Energy annually identifies System ID information for facilities replaced or retired under Rule 8.209 during the previous calendar year. This information is provided by the Company to the Commission during its Distribution Facilities Replacement reporting as required under Rule 8.209. Such system ID information is defined as the town in which the replacement or retirement took place.