

Memorandum



CITY OF DALLAS

DATE May 3, 2018

TO Honorable Mayor and Members of the City Council

SUBJECT **Pipeline Safety Evaluations of Atmos Energy Conducted by the Texas Railroad Commission**

As requested by the Mayor and City Council at the April 18, 2018 Council Briefing, Atmos Energy has provided correspondence and documentation received from the Texas Railroad Commission. These forms are regarding their compliance with safety standards applicable to the Company's operations.

The attached documents indicate findings from safety evaluations conducted in accordance with pipeline safety requirements of the Texas Utilities Code for gas pipeline facilities. Atmos Energy has provided a cover memo that includes a more detailed description and explanation of the information attached.

Please contact my office should you have any questions, 214-670-3316.

Respectfully,

A handwritten signature in cursive script that reads "Jon Fortune".

Jon Fortune
Assistant City Manager

c: T.C. Broadnax, City Manager
Larry Casto, City Attorney
Craig D. Kinton, City Auditor
Biliera Johnson, City Secretary (Interim)
Daniel F. Solis, Administrative Judge
Kimberly Bizzor Tolbert, Chief of Staff to the City Manager
Majed A. Al-Ghafry, Assistant City Manager

Jo M. (Jody) Puckett, Assistant City Manager (Interim)
Joey Zapata, Assistant City Manager
M. Elizabeth Reich, Chief Financial Officer
Nadia Chandler Hardy, Chief of Community Services
Raquel Favela, Chief of Economic Development & Neighborhood Services
Theresa O'Donnell, Chief of Resilience
Directors and Assistant Directors



John Paris
President
Mid-Tex Division

May 1, 2018

Honorable Michael S. Rawlings, Mayor
City of Dallas
1500 Marilla Street
Dallas, TX 75201

Re: Pipeline Safety Evaluations of Atmos Energy conducted by the Texas Railroad
Commission

Dear Mayor Rawlings:

The City of Dallas has requested additional information regarding the continuous evaluations conducted by the Railroad Commission of Texas ("RCT" or the "Commission") to ensure that Atmos Energy Corporation ("Atmos Energy" or the "Company") is in full compliance with the extensive safety standards applicable to the Company's operations. Enclosed you will find the correspondence and documentation we received from the RCT after its safety evaluations in Dallas over the last three years and Atmos Energy's responses to address any issues raised by the Commission. I am also providing an overview of the safety evaluation process, as well as the safety regulations and rules that the RCT is charged with enforcing.

Safety Standards and the Duties of the RCT

The goal of the regulation of pipeline safety in the natural gas industry is to set operational standards that advance the safe transportation and delivery of natural gas to each utility's customers. The Pipeline and Hazardous Materials Safety Administration ("PHMSA") has carefully developed a rigorous set of such standards, which are codified in Title 49 CFR Parts 191-199. The RCT is the agency authorized to enforce these standards in Texas. The RCT has also adopted additional safety standards for intrastate transmission and distribution pipelines, which can be found in 16 Texas Administrative Code ("TAC") Chapter 8. Specifically, Rules 8.206 through 209 include the provisions for leak surveys, scheduling of leak repairs, and accelerated distribution infrastructure replacement. The Commission also enforces damage prevention laws with regard to pipelines. Those regulations can be found in 16 TAC Chapter 18. Safety evaluations are conducted in accordance with pipeline safety requirements of the Texas Utilities Code, specifically Section 121.201 for natural and other gas pipeline facilities and TEX. NAT. RES. CODE, Sections 117.001 and 117.011 for hazardous liquid pipeline facilities.

Through this regulatory framework, Atmos Energy receives guidance and accountability to adhere to best practices of the industry and to operate and maintain its system as safely as possible. Atmos Energy diligently works to meet and surpass the requirements of these

Honorable Michael S. Rawlings, Mayor

May 1, 2018

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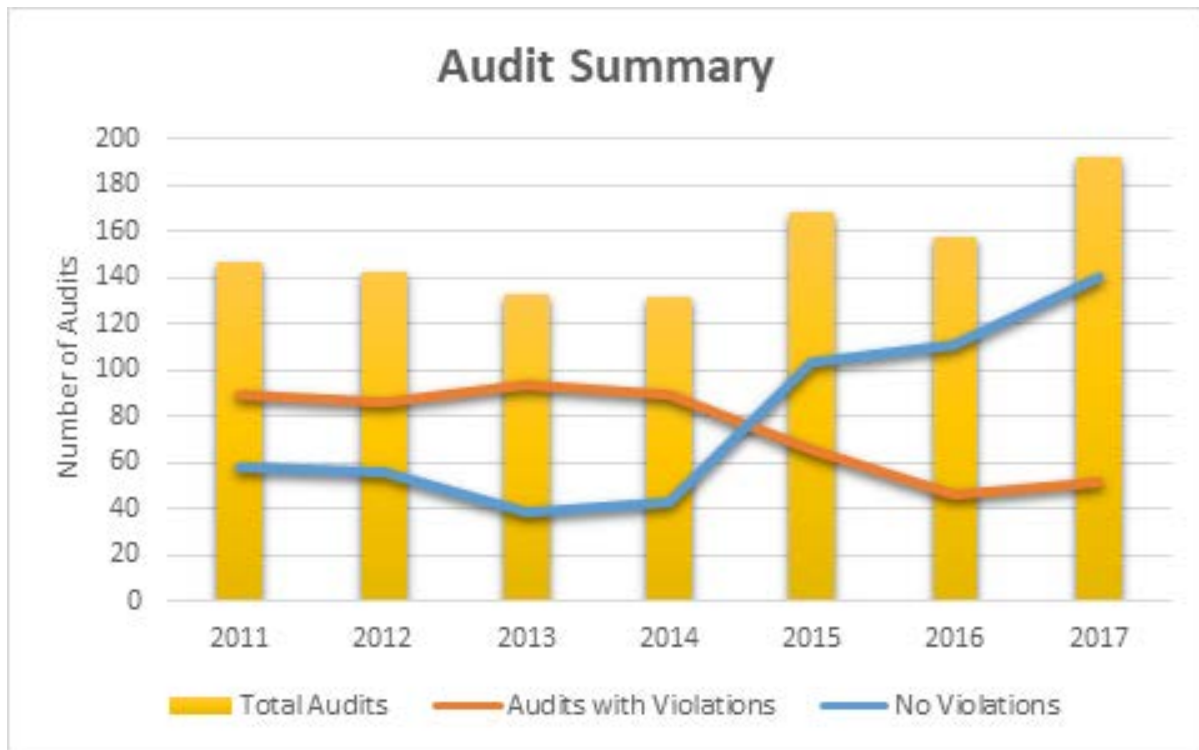
regulations through its own proactive efforts as well as through its cooperation with the Commission in ensuring compliance. For example, in Texas Atmos Energy conducts **34% more leak surveys than the federal rules require and 10% more than Texas's rules require**. In this way, we can build upon the standards set forth by our regulatory bodies to remain steadfast in our commitment to the safety of our customers, and the oversight of our regulators continuously confirms that we are meeting these standards for a safe natural gas transmission and distribution system.

Implementation of the RCT's Duties with Respect to Atmos Energy

The RCT executes its duty to enforce the safety standards applicable to Atmos Energy using several different mechanisms and procedures, one of which is a variety of safety evaluations conducted continuously throughout each year. From 2011 to 2017, the RCT completed a total of **1,071 comprehensive safety evaluations** of Atmos Energy's natural gas system in its Mid-Tex Division and Atmos Pipeline Texas ("APT"), all of which included in-person meetings of RCT officials with Atmos Energy representatives, review of a large volume of documentation, and field inspections of facilities. To complete these audits, RCT officials are present on Atmos Energy's system nearly every week of the year (typically in multiple places) conducting inspections and identifying and providing the company with notice of any issues found. For example, as illustrated in Attachment 1, the RCT was present in the Mid-Tex division and/or APT **45 out of 52 weeks in 2017 (87%) and 13 out of 16 weeks thus far in 2018 (77%)**.

To attend to the needs of these safety evaluations and to promote the safety of our system, Atmos Energy has over 225 employees (nearly 14% of our workforce) whose primary role is safety compliance. These employees spend over 24,000 hours a year working with the RCT in these efforts. On average across the system, these evaluations take five days and involve two representatives of the RCT and three Company employees. Within the City of Dallas, these evaluations take an average of ten days and involve seven RCT representatives and twelve Company representatives for a total of an average of 1,216 man hours per evaluation.

In recent years, the RCT has been increasing the frequency of its safety evaluations and thus its scrutiny of Atmos Energy's success in achieving required safety standards. At the same time, the number of audits in which the Commission identified compliance issues has decreased, while the number of evaluations in which no issues were found has increased. The following charts shows these trends from 2011 through 2017:



Each evaluation begins with the provision by Atmos Energy of certain required information to the RCT. Attachment 2 is the protocol promulgated by PHMSA and adapted by the RCT to include Texas-specific requirements, which illustrates the scope of documents and information that utilities subject to safety evaluations must be prepared to produce. At the beginning of the evaluation, Atmos Energy provides the RCT representatives a series of reports generated by our compliance management system CM Plus, a Company developed and patented system, to provide the specialized information required by the RCT. For the City of Dallas, this entails approximately 2,000 to 3,000 pages that are reviewed at the beginning of the Commission's evaluation. These reports include information such as the following:

- leak reports containing leaks identified in the area that is being addressed by an evaluation and the status of the repairs of those leaks;
- records showing that the Company has met the requirements of placing odorant at certain locations on our system;
- valve history, which demonstrates that the Company has met the requirement to test applicable valves at specified intervals to ensure that it has the capability to shut off natural gas to isolated areas when necessary;
- a history of completion of the required periodic inspection of regulator stations;
- a history showing that Atmos Energy has inspected and verified its cathodic protection zones to test the voltage of the current on the system to protect the pipes from corrosion.

After reviewing these reports, the RCT requests more detail on specific topics or locations, at which time Atmos Energy provides back-up documentation including items such as the actual

record of leak surveys, inspections, and the records on original projects of the installation of the particular assets involved. After reviewing the supporting documentation, the RCT representatives (accompanied by Atmos Energy representatives) conduct their field inspections and identify any issues that they believe need to be addressed for safety compliance purposes. These field inspections encompass areas such as materials and design of pipeline components; customer meters, service regulators, and service lines; corrosion control; odorization equipment; proper maintenance of facilities and right of way; and compliance with requirements regarding cast iron and copper facilities. Atmos Energy employees are always onsite with the RCT officials during these evaluations, and many issues identified by the inspectors are corrected immediately while the evaluation is being conducted.

After completing their comprehensive review, the RCT representatives forward the Company a list of any issues identified in the evaluation, which notes the issues corrected during the inspection and those that still need to be resolved. Within thirty days, Atmos Energy responds with a description of how the issues have been or will be addressed. After the Company informs the Commission that the issues have been fully corrected, the RCT representatives schedule follow-up visits to our system to make sure that the corrective actions taken are sufficient.

Enclosed as Attachments 3, 4, and 5 are the correspondence from the RCT and responses of the Company for the safety evaluations in Dallas for the years 2015, 2016, and 2017. Over that three-year period in the City of Dallas, which has 3,450 miles of distribution lines, 100 miles of transmission lines, and over 226,000 customer meters, the Commission identified a total of only 23 issues, 12 of which were corrected immediately during the field inspection. Atmos Energy submitted a corrective action plan for all remaining issues within 30 days of the Commission's findings, and those issues were corrected either before the plan was submitted or promptly thereafter pursuant to the schedule submitted in the plan. All 23 issues were minor in that no penalty was warranted or imposed under the Commission rules.

The RCT also may take a more active role in overseeing Atmos Energy's corrective action in emergency situations. For example, during the events in February and March in Northwest Dallas, the RCT had four to seven representatives onsite at the Company's Command Center at all times for several weeks monitoring the actions and progress of the Company.

Benefits to the City of Dallas

As this documentation and information illustrate, the RCT's practices and procedures thoroughly enforce the many rules and regulations with which Atmos Energy must comply. **The City of Dallas annually receives the most comprehensive and time-intensive audit of anywhere else in Atmos Energy's system across the eight states in which the Company operates.**

Additionally, the benefits to our Dallas customers of the RCT's rigor goes beyond the Commission's work in Dallas. Nearly every day of the year, the RCT is present on our system reviewing the practices and procedures that are common to our entire Mid-Tex division, including Dallas. The Commission's role in helping the Company ensure compliance and improve its practices makes our system safer for our Dallas customers as well. We look forward to continuing to work with the Commission to promote the safety of our customers as we

Honorable Michael S. Rawlings, Mayor

May 1, 2018

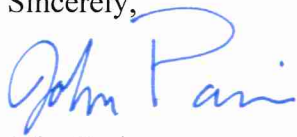
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proceed with the \$3 billion in capital investment the Company plans to make in Mid-Tex over the next five years to meet the needs of Mid-Tex's growing population and expanding economy, to continue our accelerated replacement and modernization of our system, and to otherwise improve our system for the benefit of our customers and the communities we serve.

As Atmos Energy's CEO Mike Haefner stated to the City Council and as further demonstrated by the comprehensive regulation and the results of the Commission's continuous safety evaluations, our natural gas system meets or exceeds operational standards and is maintained safely for our customers and the communities we serve. I can also confirm that in the Mid-Tex division and in the City of Dallas, the safety and integrity of our system is of primary importance, and adherence to these safety standards guarantees our use of the best practices of the industry so that we can continue to provide the safe, reliable service that has characterized Atmos Energy throughout its history in Texas.

Please let us know if you have any further questions or would like any additional information.

Sincerely,



John Paris

cc: Jon Fortune, Assistant City Manager
Larry Casto, Esq., City Attorney
Kari French, Division Director - Oversight and Safety, Railroad Commission of Texas

TRRC Active Weeks - CY2018 (MDTX & APT)				
	January	February	March	April
Week 1	Active	Active	Not Active	Active
Week 2	Not Active	Active	Not Active	Active
Week 3	Active	Active	Active	Active
Week 4	Active	Active	Active	Active
Week 5	Not Valid	Not Valid	Not Valid	Not Valid

CY2018	
Active Weeks	13
Not Active Weeks	3
% Active	77%

CY2017	
Active Weeks	45
Not Active Weeks	6
% Active	87%

TRRC Active Weeks - CY2017 (MDTX & APT)												
	January	February	March	April	May	June	July	August	September	October	November	December
Week 1	Not Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active
Week 2	Not Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active
Week 3	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	Not Active
Week 4	Active	Active	Active	Active	Active	Active	Active	Not Active	Active	Active	Not Active	Not Active
Week 5	Not Valid	Not Valid	Active	Not Valid	Active	Not Valid	Not Valid	Active	Not Valid	Not Valid	Active	Not Valid

	Not Active
	Active
	Not Valid

Standard Comprehensive Inspection Checklist of Gas Distribution Systems

Unless otherwise noted, for each line item: S – Satisfactory U – Unsatisfactory NA – Not Applicable NC – Not Checked

If an item is marked U, N/A, or N/C, an explanation must be included in the comments section.

Revised: 01/2016

Step 1: CHECK COMPANY CONTACT IN PES
Step 2: Is the company contact a VP or higher?
Step 3: If one or both are incorrect, fill out database change form and attach to PES

If information above differs from PES, a database change is required

Section 1: Programs and Reporting

Plans/ Programs and Procedures		Yes	No	NA
.605	Does the operator have an O&M Plan?			
.615	Does the operator have an Emergency Plan?			
.805	Does the operator have an Operator Qualification Plan?			
192 SubPart P	Does the operator have a Distribution Integrity Management Plan?			
TAC 8.206	Does the operator have a TAC 8.206 required Leak Survey Program?			
TAC 8.209	Does the operator have a Texas Distribution Facilities Replacement Program?			
.614	Does the operator have a Damage Prevention Program?			
.616	Does the operator have a Public Awareness Plan?			
Parts 199 /40	Does the operator have a Drug & Alcohol Plan?			
TAC 8.205/.207	Does the operator have leak grading/repair/complaint Procedures?			

Comment:

Procedure Review Required by PHMSA	
PHMSA Requirement	Review operator's procedures for determining if exposed cast iron pipe was examined for evidence of graphitization and remedial action taken if necessary.
PHMSA Requirement	Review operator procedures for surveillance of cast iron pipelines, including appropriate action resulting from tracking circumferential cracking failures, study of leakage history, or other unusual operating maintenance condition.
PHMSA Requirement	Review operator emergency response procedures for leaks caused by excavation damage near buildings and determine whether the procedures adequately address the possibility of multiple leaks and underground migration of gas into nearby buildings.
PHMSA Requirement	Ask operators to identify any plastic pipe and components that has shown a record of defects/leaks and what those operators are doing to mitigate the safety concerns
PHMSA Requirement	Review directional drilling/boring procedures of pipeline operator or its contractor and determine if they include actions to protect their facilities from the dangers posed by drilling and other trench less technologies.

PHMSA Requirement	Check to assure the pipeline operator is following its written procedures pertaining to notification of excavation, marking, positive response and the availability and use of the one call system.	
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Comment:

Annual Reporting

191.11/ TAC 8.210(b)	Annual Report (PHMSA F 7100.1-1)	
TAC 8.51	RRC Form P-5 Organization Report	
TAC 8.225	RRC Form PS-81 Plastic Pipe Inventory	
TAC 8.201(b)	RRC User Fee, \$1.00 x no. of services in system	
191.12	Mechanical fitting failure reports (PHMSA F 7100.1-2)	

Semi Annual Reporting

TAC 8.210(e)	RRC Form PS-95 - Leak Reporting	
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Other (As Required) Reporting

191.5/ TAC 8.210(a)(1)	Immediate Notice Reports to NRC.	
TAC 8.115	New Construction Report--RRC Form PS-48	
191.9/ TAC 8.210(a)(3)	Incident Reporting (PHMSA F 7100.1)	
191.23/ TAC 8.210(c)	Safety-Related Conditions	

Comment:

Standard Comprehensive Inspection Checklist of Gas Distribution Systems

Unless otherwise noted, for each line item: S – Satisfactory U – Unsatisfactory NA – Not Applicable NC – Not Checked

If an item is marked U, N/A, or N/C, an explanation must be included in the comments section.

Section 2: Records Review

	System Name									
SubPart A: General										
.13(c) Each operator shall maintain, modify as appropriate, and follow the plans, procedures, and programs that it is required to establish under Part 49 CFR 192										
.16 Customer notification (Verification – 90 days – and Elements)										

Comments:

SubPart E and SubPart F: Welding of Steel and Joining of Materials Other Than by Welding										
Welding of Steel in Pipelines	○	○	○	○	○	○	○	○	○	○
.225(b) Welding – Procedure										
.227/.229 Welding – Welder qualification										
.243(b)(2) Nondestructive testing – Nondestructive testing personnel qualification										
.243(f) Nondestructive testing records (Pipeline Life)										
Joining of Materials Other Than by Welding										
.287 Joining - Inspector qualifications										
.283 Joining - Procedures										
.285 Joining - Personnel qualifications										

Comments:

.507(b)	If during the test, the segment is stressed to 20% or more of SMYS and natural gas, inert gas, or air is the test medium:																		
.507(b)(1)	A leak test must be made at a pressure between 100 psig and the pressure required to produce a hoop stress of 20% of SMYS; or																		
.507(b)(2)	The line must be walked to check for leaks will hoop stress is held at 20% SMYS																		
.507(c)	The pressure must be maintained at or above the test pressure for at least 1 hour.																		
.509	Except for service lines and plastic pipelines, each segment of a pipeline that is to be operated below 100 psig must be leak tested in accordance with the following:																		
.509(a)	The test procedure used must ensure discovery of all potentially hazardous leaks in the segment being tested.																		
.509(b)	Each main that is to be operated at less than 1 psig must be tested to at least 10 psig and each main to be operated at or above 1 psig must be tested to at least 90 psig.																		
.511(a)	Each segment of service line (other than plastic) must be leak tested in accordance with this section before being placed into service. If feasible, the service-line connection to the main must be included in the test; if not feasible, it must be given a leakage test at the operating pressure when placed in service.																		
.511(b)	Each segment of a service line (other than plastic) intended to be operated at a pressure of at least 1 psig but not more than 40 psig must be given a leak test at a pressure of not less than 50 psig.																		
.511(c)	Each segment of a service line (other than plastic) intended to be operated at pressures of more than 40 psig must be tested to at least 90 psig, except that each segment of the steel service line stressed to 20% or more of SMYS must be tested in accordance with 192.507 of this subpart.																		
.513(a)	Each segment of plastic pipeline must be tested in accordance with:																		
.513(b)	The test procedure must insure discovery of all potentially hazardous leaks in the segment being tested.																		
.513(c)	The test pressure must be at least 150 percent of the maximum operating pressure or 50 psig, whichever is greater. However, the maximum test pressure may not be more than three times the pressure determined under 192.121, at a temperature not less than the pipe temperature during the test.																		
.513(d)	During the test, the temperature of the thermoplastic material may not be more than 100 deg Fahrenheit or the temperature at which the material's long-term hydrostatic strength has been determined under the listed specification, whichever is greater.																		
.517(a)	Each operator shall make, and retain for the useful life of the pipeline, a record of each test performed under 192.505 and 192.507. The record must contain the following information:																		
.517(a)(1)	The operators name, the name of the operator's employee responsible for making the test, and the name of any test company used.																		
.517(a)(2)	Test medium used.																		
.517(a)(3)	Test pressure.																		
.517(a)(4)	Test duration.																		
.517(a)(5)	Pressure recording charts, or other record of pressure readings.																		
.517(a)(6)	Elevation variations, whenever significant for the particular test.																		
.517(a)(7)	Leaks and failures noted and their disposition.																		
.517(b)	Each operator must maintain a record of each test required by 192.509, 192.511, 192.513 for at least 5 years.																		

Comments:

SubPart K: Uprating

If the systems evaluated have not been uprated, select NA, comment below and skip this section.

NA

SubPart K	Upgrading (if applicable) Refer to Attachment-Upgrading tab	0	0	0	0	0	0	0	0	0	0
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Comments:

SubPart L: Operations Records

		0	0	0	0	0	0	0	0	0	0
.605(a)	Procedural Manual Review – Operations and maintenance (1 per yr/15 months)										
.605(b)(3)	Availability of construction records, maps, operating history to operating personnel										
.605(b)(8)	Periodic review of personnel work – effectiveness of normal O&M procedures										
.605(c)(4)	Periodic review of personnel work – effectiveness of abnormal operation procedures										
.613	Continual Surveillance										
.614	Damage Prevention (Miscellaneous)										
.615(b)(1)	Location Specific Emergency Plan										
.615(b)(2)	Emergency Procedure training, verify effectiveness of training										
.615(b)(3)	Employee Emergency activity review, determine if procedures were followed.										
.615(c)/ TAC 8.235	Liaison: Appropriate fire, police, and other public officials										
.616 (a-f)	Public Awareness Program										
	API RP 1162 Baseline Recommended Message Deliveries										
	Stakeholder Audience	Baseline Message Frequency									
	Resident along the LDC	Annual									
	LDC Customers	Twice Annual									
	Emergency Officials	Annual									
	Public Officials	3 years									
Excavators and Contractors	Annual										
One-Call Centers	As required of One-Call Center										
.616(g)	The program must be conducted in English and any other languages commonly understood by a significant number of the population in the operator's area.										
.616(h)	Effectiveness review of operator's program.										
.616(j)	Operators of a master meter or petroleum gas systems - public awareness messages 2 times annually:										
	(1) A description of the purpose and reliability of the pipeline;										
	(2) An overview of the hazards of the pipeline and prevention measures used;										
	(3) Information about damage prevention;										

.745	Valve maintenance transmission lines (1 per yr/15 months)																			
.747	Valve maintenance distribution lines (1 per yr/15 months)																			
.749	Vault maintenance (200 cubic feet)(1 per yr/15 months)																			
.751	Prevention of accidental ignition (hot work permits)																			

Comments:

<p>SubPart N: Qualification of Pipeline Personnel Records</p>																				
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.807(a)(1-5)	OQ Records. Qualification records shall include:																			
	(1) Identification of qualified individual(s);																			
	(2) Identification of the covered tasks the individual is qualified to perform;																			
	(3) Date(s) of current qualification; and																			
	(4) Qualification method(s).																			

Comments:

STOP!!!! DID YOU CHECK THE COMPANY CONTACT IN PES???
Is the company contact a VP or higher?
If one or both are incorrect, fill out database change form and attach to PES

<p>Records: Cast Iron</p> <p>If the systems evaluated do not contain cast iron, select NA, comment below and skip this section</p> <p style="text-align: center;"><input type="checkbox"/> NA</p>																				
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.755	Caulked bell and spigot joint repair																			
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Comments:

.753(b)	Each cast iron caulked bell and spigot joint that is subject to pressures of 25 psig or less and is exposed for any reason must be sealed by a means other than caulking.											
.755	When an operator has knowledge that the support for a segment of a buried cast-iron pipeline is disturbed:											
	(a) That segment of the pipeline must be protected, as necessary, against damage during the disturbance by:											
	(1) Vibrations from heavy construction equipment, trains, trucks, buses, or blasting;											
	(2) Impact forces by vehicles;											
	(3) Earth movement;											
(4) Apparent future excavations near the pipeline; or												
(5) Other foreseeable outside forces which may subject that segment of the pipeline to bending stress.												

Comments:

	(4) Reinforce or anchor offsets, bends and dead ends in pipe joined by compression couplings or bell spigot joints to prevent failure of the pipe joint, if the offset, bend, or dead end is exposed in an excavation;																				
	(5) Isolate the segment of pipeline in which the pressure is to be increased from any adjacent segment that will continue to be operated at a lower pressure; and,																				
	(6) If the pressure in main or service lines, or both, is to be higher than the pressure delivered to the customer, install a service regulator on each service line and test each regulator to determine that it is functioning. Pressure may be increased as necessary to test each regulator, after a regulator has been installed on each pipeline subject to the increased pressure.																				
.557(c)	After complying with paragraph (b) of this section, the increase in maximum allowable operating pressure must be made in increments that are equal to 10 psig or 25% of the total pressure increase, whichever produces the fewer number of increments. Whenever the requirements of paragraph (b)(6) of this section apply, there must be at least two approximately equal incremental increases.																				
.557(d)	If records for cast iron or ductile iron pipeline facilities are not complete enough to determine stresses produced by internal pressure, trench loading, rolling loads, beam stresses, and other bending loads, in evaluating the level of safety of the pipeline when operating at the proposed increased pressure, the following procedures must be followed:																				
	(1) In estimating the stress, if the original laying conditions cannot be ascertained, the operator shall assume that cast iron pipe was supported on blocks with tamped backfill and that ductile iron pipe was laid without blocks with tamped backfill.																				
	(2) Unless the actual maximum cover depth is known, the operator shall measure the actual cover in at least three places where the cover is most likely to be greatest and shall use the greatest cover measured.																				
	(3) Unless the actual nominal wall thickness is known, the operator shall determine the wall thickness by cutting and measuring coupons from at least three separate pipe lengths of pipeline. The coupons must be cut from pipe lengths in areas where the cover depth is most likely to be the greatest. The average of all measurements taken must be increased by the allowance indicated in the following table:																				
	Allowance (inches)																				
	Pipe size	Cast Iron Pipe			Ductile iron Pipe																
	(inches)	Pit cast pipe		Centrifugally cast pipe																	
	3 to 8	0.075		0.065		0.065															
	10 to 12	0.08		0.07		0.07															
	14 to 24	0.08		0.08		0.075															
	30 to 42	0.09		0.09		0.075															
	48	0.09		0.09		0.08															
	54 to 60	0.09																			

Comments:

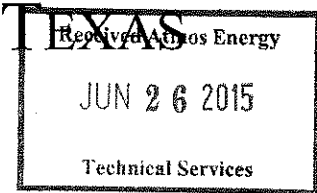
DAVID PORTER, CHAIRMAN
 CHRISTI CRADDICK, COMMISSIONER
 RYAN SITTON, COMMISSIONER



KARI FRENCH
 DIRECTOR

RAILROAD COMMISSION OF
OVERSIGHT AND SAFETY DIVISION
PIPELINE SAFETY

June 17, 2015



455-21
 Mr. Jeffrey S. Knights, Vice President, Technical Service
 ATMOS ENERGY CORP., MID-TEX DIVISION
 P. O. Box 223705
 Dallas, TX 75222-3705

Re: Pipeline Safety Evaluation
 Inspection Package Number: 111153
 ATMOS ENERGY/DALLAS

(All correspondence must include the Inspection Package Number)

Dear Mr. Jeffrey S. Knights:

Recently, a safety evaluation was conducted of pipeline facilities operated by your company. These facilities are identified in the attached Safety Evaluation Summary. Safety evaluations are conducted in accordance with pipeline safety requirements of the Texas Utilities Code, Section 121.201 for natural and other gas pipeline facilities and TEX. NAT. RES. CODE, Sections 117.001 and 117.011 (Vernon Supp. 2002) for hazardous liquid pipeline facilities.

During the evaluation, selected physical conditions, written procedures, and records were reviewed. At the time of this evaluation, alleged violations of the minimum safety standards were found and are detailed in the attached correspondence. Action should begin immediately to correct the listed violation(s). For those violation(s) not corrected during the evaluation, submit to this office a schedule and correction plan.

The correction plan should be an item-by-item explanation of exactly how and by what exact date each individual violation will be corrected. The date specified in the Safety Evaluation Summary is the date we should receive your plan, not the date you are to have the alleged violation(s) corrected. Our staff will review the plan for compliance with the safety requirements.

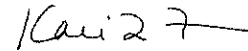
The evaluation results reflect the general status and condition of the entire system. It is your responsibility to take action, not only to correct the specific deficiencies listed in the attachment, but also to recognize and correct any other conditions which do not meet the minimum safety standards.

If you have any questions, do not hesitate to contact the Pipeline Safety Staff at the phone numbers listed in the Safety Evaluation Summary.

June 17, 2015

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Sincerely,



Kari French

Director

Enclosure: Safety Evaluation Summary
Alleged Violation List

**Railroad Commission of Texas
Safety Division
Safety Evaluation Summary**

Inspection Package: 111153

Activity/Classification: Standard/Comprehensive

Operator:

6776 ATMOS ENERGY CORP., MID-TEX DIVISION
Mr. Jeffrey S. Knights
Vice President, Technical Services
P. O. Box 223705
Dallas, TX 75222-3705

Unit:

3374 ATMOS ENERGY/DALLAS

Inspection Package Performed

Start Date: 05/18/2015

End Date: 05/29/2015

Eval No	System ID and Name	System Type	Alleged Violations			Total
			Repeat	Uncorrected	Corrected	
20151467	610134 DALLAS	Distribution	0	3	3	6

Inspector(s)	Regional Office	Phone Number
Kyle Knapp	Austin	(512) 463-7058
Chadwick Dabbs	Fort Worth	(817) 882-8966
James Collins	Fort Worth	(817) 882-8966
Jose Cheverez	Fort Worth	(817) 882-8966
Richard Rizan	Fort Worth	(817) 882-8966
San Sein	Fort Worth	(817) 882-8966

Action

A plan of correction is due by July 17, 2015

Important Note: The pipeline system(s) listed above are identified by a number and name and represent the physical pipe, valves and other components operated by your company. Additionally, there may be a pipeline system listed that is named System of Company ID Number where number is the identification number of your company. This system is used to represent your company and does not represent any physical pipeline system. For internal purposes it allows the Commission to more properly record inspection work performed at the company level. Where deficiencies are found in programs, plans, procedures, and records at the company level and are not with a specific physical system, alleged violations will be cited against the System of Company ID Number.

Railroad Commission of Texas
Safety Division
Alleged Violation List

All correspondence must include the Inspection Package and Evaluation Number

Inspection Package: 111153**Activity/Classification: Standard/Comprehensive****System Name: DALLAS****Evaluation Number: 20151467**

Item Number: 1**Action Needed:** Violation corrected. No action required.**Description:** A hazardous leak(s) at the listed site(s) was not repaired promptly.**Requirement:** 49 CFR 192.703(c)**Notes:**

Description: Other: Grade 1 Leaks

Location: A) 700 Block N. Munger
B) 3334 Kinkaid Dr.
C) 6815 Lupton

Comment: A) While monitoring the unrepaired leak (LN: 538691), gas concentrations (70%) were detected inside underground water meter box. The leak was classified as Hazardous Leak, Grade 1. The natural gas leak was repaired during the evaluation on May 22, 2015.

B) While inspecting a CP test point at 3334 Kinkaid Dr, a leak was discovered on the service line. The leak was classified as Hazardous Leak, Grade 1. The natural gas leak was repaired during the evaluation on May 22, 2015 by replacing the service line.

C) While monitoring the unrepaired leak (LN: 518944), gas concentrations (1.4%) were detected inside underground sewer clean-out enclosure. The leak was classified as Hazardous Leak, Grade 1. The natural gas leak was repaired during the evaluation on May 21, 2015.

Item Number: 2**Action Needed:** Violation requires a plan of correction by July 17, 2015.**Description:** The level of cathodic protection for the pipe system(s) listed below did not meet one or more of the criteria specified in Appendix D, Code of Federal Regulations.**Requirement:** 49 CFR 192.463(a)**Notes:**

Description: Cathodic Protection

Location: CP64583:TP2 (Quad C)
CP74042:TP1 & TP2 (Quad C)
CP44337:TP1 (Quad C)

Comment: The following CP Zones were below -0.850 V criteria:

CP64583:TP2 - 5148 South Lancaster Road (-0.315 V).

CP74042:TP1 - Valve Box in road at 2527 Simpson Stuart (-0.721 V) & TP2 - 6703 Leana (-0.739 V).

CP44337:TP1 - 900 Dragon St (-0.841 V).

**Railroad Commission of Texas
Safety Division
Alleged Violation List**

All correspondence must include the Inspection Package and Evaluation Number

Inspection Package: 111153

Activity/Classification: Standard/Comprehensive

System Name: DALLAS

Evaluation Number: 20151467

Item Number: 3

Action Needed: Violation requires a plan of correction by July 17, 2015.

Description: Each pipeline or portion of pipeline exposed to the atmosphere was not cleaned and coated.

Requirement: 49 CFR 192.479(a)

Notes:

Description: Other: Atmospheric Corrosion Control

Location: MS9279.2 (Quad C)
EXP-16 (Quad C)
EXP-17 (Quad C)
EXP-87 (Quad C)
EXP-90 (Quad C)
EXP-75 (Quad B)

Comment: At multiple locations, the coating and/or wrapping at the above-ground piping has deteriorated, exposing the pipeline to atmospheric corrosion.

Item Number: 4

Action Needed: Violation requires a plan of correction by July 17, 2015.

Description: Casing used for the pipeline under a railroad or highway at the following location(s) had vents not protected from the weather to prevent water from entering the casing.

Requirement: 49 CFR 192.323(d)

Notes:

Description: Other: Casing

Location: CC-3640: casing at Buckner at Railroad Tracks

Comment: The casing vent has been damaged and cannot prevent water from entering the casing.

Item Number: 5

Action Needed: Violation corrected. No action required.

Description: The operator did not remove and replace all compression couplings at currently known service riser installations that were not manufactured and/or installed in accordance with ASTM D2513 specifications for Category 1 fittings by November 30, 2009.

Requirement: Title 16, 8.208(g)

Notes:

**Railroad Commission of Texas
Safety Division
Alleged Violation List**

All correspondence must include the Inspection Package and Evaluation Number

Inspection Package: 111153

Activity/Classification: Standard/Comprehensive

System Name: DALLAS

Evaluation Number: 20151467

Description: Other: Compression Couplings

Location: (a). 7431 Northaven Rd
(b). 6638 Williamson Rd

Comment: During a routine evaluation of the pipeline system, it was observed that the prebent service riser installation was in service. The Operator did not remove and replace the service riser installation by November 30, 2009. The alleged violations were corrected during the safety evaluation on May 29, 2015.

Item Number: 6

Action Needed: Violation corrected. No action required.

Description: Repaired leaks were monitored, and gas concentrations were found in the ground at the following locations:

Requirement: 49 CFR 192.613(a)

Notes:

Description: Other: Continuing Surveillance

Location: 7928 Claremont Dr., Dallas Texas

Comment: During the routine audit, the Grade 1 leak at 7928 Claremont Dr. had not been properly repaired. Monitoring showed gas concentrations of 15% for 4 weeks following repairs. At the close of this audit the leak had been repaired by tightening the full circle clamps.



Jeffrey S. Knights
Vice President, Technical Services
Mid-Tex Division

July 16, 2015

Ms. Kari French
Director, Oversight & Safety Division
Railroad Commission of Texas
Post Office Box 12967
Austin, Texas 78711-2967

RE: Safety Evaluation No. 20151467
Inspection Package 111153
Dallas Unit

Dear Ms. French:

Please be advised that all actions taken in response to the referenced safety evaluation have not been completed. The attached listing documents the actions taken to date as well as the actions to be taken.

If further information is needed or if you have any questions concerning the actions taken or the actions to be taken, please do not hesitate to contact me.

Yours truly,

Jeffrey S. Knights

Attachments

ATMOS ENERGY CORPORATION
MID-TEX DIVISION
RAILROAD COMMISSION SAFETY
EVALUATION NO. 20151467
PACKAGE NO. 111153
DALLAS UNIT

Dallas - S. E. No. 20151467

2. CP Zone 64583 at 5148 S Lancaster Rd – On June 11, 2015, the test station was re-installed. The pipe-to-soil potential reading on that date was -1.04V. See attached CP Work Order No. 67437.

CP Zone 74042 at 2527 Simpson Stuart – On July 7, 2015, one 32 pound anode was installed. The pipe-to-soil potential reading on that date was -0.88V. See attached CP Work Order No. 67417.

CP Zone 74042 at 6703 Leana – On July 7, 2015, one 17 pound anode was installed, with a pipe-to-soil potential reading on that date of -0.78V. A contact short was also discovered between the gas main and the water main; anticipated completion of the repair is expected on or before August 1, 2015.

CP Zone 44337 at 900 Dragon – On July 7, 2015, one 17 pound anode was installed; in addition, a contact short was repaired at 925 Slocum. The pipe-to-soil potential reading on that date was -1.16V. See attached CP Work Order No. 67419.

3. MS 9279.2 – The repair of the fence and replacement of the rusted bolts on the outlet flange are expected to be completed on or before August 1, 2015.

EXP-16 – The painting and wrapping of the piping at this location are expected to be completed on or before November 30, 2015.

EXP-17 – The painting and coating of the piping at this location are expected to be completed on or before November 30, 2015.

EXP-87 – On June 10, 2015, the wooden block was removed from under the main. See attached Work Order No. 44906.

EXP-90 – On June 23, 2015, the coating on the south end of the bridge at this location was repaired. See attached Work Order No. 44890.

EXP-75 – The painting of the piping at this location is expected to be completed on or before November 30, 2015.

4. On June 23, 2015, the vent stack was repaired. See attached Work Order No. 44914.

Cathodic Protection Workorder

Work Order Number: 67437

Town: Dallas

ID: CP64583

Original Found Date: 05/29/2015

Location: 5148 S. Lancaster Rd

Found Tech: Galloway, Eric

Mapsheet: 6458

Mapsc0: 65M

Book: 70

Description of Work Needed:

Install Test Leads - Pole.

Additional Information:

re-install test station at power pole at sidewalk in front of 5148 S. Lancaster Rd

Assigned to: Sewell, Bryan

Work performed:

Insulated Bridge Hanger

Installed Test Leads

Installed Poly To Insulate

Curb Box

Insulated

Curb

Verified Poly

Valve Box

Installed Number of Anodes: _____

Gas Sign

Pole

Other

External Condition Of Metal Pipe Exposed

Corrosion

Coating

None

None

Light

Good

Medium

Fair

Heavy

Poor

Pipe To Soil After Repairs: -1.040

Location Of New Test Lead: T/S by gas sign

Remarks: T/P# 2 (Found on TRC audit)

Repaired By: Sewell, Bryan

Date: 6/11/2015

Cathodic Protection Workorder

Work Order Number: 67417

Town: Dallas

ID: CP74042

Original Found Date: 05/27/2015

Location: 2527 Simpson Stuart

Found Tech: Gallaway, Eric

Mapsheet: 7404

Mapsc0: 65V

Book: 79

Description of Work Needed:

Number of Anodes - 1;

Anodes Wt. - 32# Anode.

Additional Information:

install 1-32# anode in street

Assigned to: Sewell, Bryan

Work performed:

Insulated Bridge Hanger

Installed Test Leads

External Condition Of Metal Pipe Exposed

Installed Poly To Insulate

Curb Box

Corrosion

Coating

Insulated

Curb

None

None

Verified Poly

Valve Box

Light

Good

Installed Number of Anodes: 1

Gas Sign

Medium

Fair

32# Anode

Pole

Heavy

Poor

Other

Pipe To Soil After Repairs: -0.880

Location Of New Test Lead: _____

Remarks: T/P# 1 (Found on TRC audit)

Repaired By: Sewell, Bryan

Date: 7/7/2015

Cathodic Protection Workorder

Work Order Number: 67419

Town: Dallas

ID: CP44337

Original Found Date: 05/27/2015

Location: 900 Dragon

Found Tech: Galloway, Eric

Mapsheet: 4433

Mapsc0: 45J

Book: 45

Description of Work Needed:

Number of Anodes - 1;

Anodes Wt. - 17# Anode.

Additional Information:

install 1-17# anode in alley

Assigned to: Sewell, Bryan

Work performed:

- | | |
|--|---|
| <input type="checkbox"/> Insulated Bridge Hanger | <input type="checkbox"/> Installed Test Leads |
| <input type="checkbox"/> Installed Poly To Insulate | <input type="checkbox"/> Curb Box |
| <input type="checkbox"/> Insulated | <input type="checkbox"/> Curb |
| <input type="checkbox"/> Verified Poly | <input type="checkbox"/> Valve Box |
| <input checked="" type="checkbox"/> Installed Number of Anodes: <u>1</u> | <input type="checkbox"/> Gas Sign |
| 17# Anode | <input type="checkbox"/> Pole |
| | <input type="checkbox"/> Other |

External Condition Of Metal Pipe Exposed

- | <u>Corrosion</u> | <u>Coating</u> |
|--|--|
| <input checked="" type="checkbox"/> None | <input type="checkbox"/> None |
| <input type="checkbox"/> Light | <input checked="" type="checkbox"/> Good |
| <input type="checkbox"/> Medium | <input type="checkbox"/> Fair |
| <input type="checkbox"/> Heavy | <input type="checkbox"/> Poor |

Pipe To Soil After Repairs: -0.600

Location Of New Test Lead: _____

Remarks: Found on TRC audit

Repaired By: Sewell, Bryan

Date: 7/7/2015

General Workorder

Work Order Number: 44906 **Town:** Dallas **ID:** EXP-87
Found Date: 05/26/2015 **Location:** Oak Farms Dairy off Colorado & Lancaster
Found Tech: Gallaway, Eric **Mapsheet:** 5403 **Mapsc0:** 45W
Priority: High **Begin Station Plus:** **End Station Plus:**
Begin Lat: **End Lat:** **Begin Long:** **End Long:**

Description of Work Needed:
removed the wood undr the main.

Additional Information:
Exposed pipe behind Oak Farms Dairy under bridge

Assigned to:

Work performed:

Remarks:
removed the wood undr the main.

Repaired By: Rose, Michael Jr. **Date:** 06/10/2015

General Workorder

Work Order Number: 44890 Town: Dallas ID: EXP-90
Found Date: 05/22/2015 Location: Village Fair & Conway
Found Tech: Gallaway, Eric Mapsheet: 6489 Mapsco: 64H
Priority: High Begin Station Plus: End Station Plus:
Begin Lat: End Lat: Begin Long: End Long:

Description of Work Needed:

repaired coating on 2" dresser coupling

Additional Information:

along side of bridge

Assigned to:

Work performed:

Remarks:

repaired coating on 2" dresser coupling

Repaired By: Rhodes, David **Date:** 06/23/2015

General Workorder

Work Order Number: 44914 Town: Dallas

ID: 3681

Found Date: 05/27/2015 Location: buckner blvd @ rr bridge

Found Tech: Dowlen, Mark

Mapsheets: 3681

Mapscos: 38P

Priority: High

Begin Station Plus:

End Station Plus:

Begin Lat:

End Lat:

Begin Long:

End Long:

Description of Work Needed:

repair 2" vent stack

Additional Information:

north of mercer

Assigned to:

Work performed:

Remarks:

repair 2" vent stack

Repaired By:

Rhodes, David

Date:

06/23/2015



Chris Felan
Vice President
Rates & Regulatory Affairs

July 31, 2015

Ms. Kari French
Director, Oversight & Safety Division
Railroad Commission of Texas
Post Office Box 12967
Austin, Texas 78711-2967

RE: Safety Evaluation No. 20151467
Inspection Package 111153
Dallas Unit

Dear Ms. French:

Please be advised that all actions taken in response to the referenced safety evaluations have not been completed. The attached listing documents the actions taken to date as well as the actions to be taken.

If further information is needed or if you have any questions concerning the actions taken or the actions to be taken, please do not hesitate to contact me.

Yours truly,

A handwritten signature in black ink that reads "Chris Felan".

Chris Felan

Attachment

ATMOS ENERGY CORPORATION
MID-TEX DIVISION
RAILROAD COMMISSION SAFETY
EVALUATION NO. 20151467
PACKAGE NO. 111153
DALLAS UNIT

Dallas - S. E. No. 20151467

2. CP Zone 74042 at 6703 Leana – On July 28, 2015, an insulating shim was installed to eliminate the contact short, and one 32 pound anode was installed. The pipe-to-soil potential reading on that date was -1.070. See attached CP Work Order No. 67418A.
3. MS 9279.2 – On July 21, 2015, the fence was repaired and rusted bolts replaced on the outlet flange at MS 9279.2. See attached Work Order No. 44881.

EXP-16 – The painting and wrapping of the piping at this location are expected to be completed on or before November 30, 2015.

EXP-17 – The painting and coating of the piping at this location are expected to be completed on or before November 30, 2015.

EXP-75 – On July 22, 2015, the main on the bridge at this location was painted. See attached Work Order No. 44913.

Cathodic Protection Workorder

Work Order Number: 67418A

Town: Dallas

ID: CP74042

Original Found Date: 05/27/2015

Location: 2300 Simpson Stuart & Leana

Found Tech: Gallaway, Eric

Mapsheet: 7404

Mapsc0: 65V

Book: 79

Description of Work Needed:

Insulate.

Additional Information:

Remove contact short between gas main and water main in middle lane of westbound Simpson Stuart at Leana

Assigned to:

Work performed:

- Insulated Bridge Hanger
- Installed Poly To Insulate
- Insulated
- Verified Poly

Installed Test Leads

- Installed Number of Anodes: 1
32# Anode

- Curb Box
- Curb
- Valve Box
- Gas Sign
- Pole
- Other

External Condition Of Metal Pipe Exposed

- | <u>Corrosion</u> | <u>Coating</u> |
|--|--|
| <input checked="" type="checkbox"/> None | <input type="checkbox"/> None |
| <input type="checkbox"/> Light | <input checked="" type="checkbox"/> Good |
| <input type="checkbox"/> Medium | <input type="checkbox"/> Fair |
| <input type="checkbox"/> Heavy | <input type="checkbox"/> Poor |

Pipe To Soil After Repairs: -1.070

Location Of New Test Lead: _____

Remarks: insulating shim installed to remove direct short to water main ,32lb anode installed

Repaired By: Windham, Robert

Date: 7/28/2015

General Workorder

Work Order Number: 44881 Town: Dallas ID: MS9279.2
Found Date: 05/20/2015 Location: Mountain Creek Pkwy east of Eagle Ford
Found Tech: Gallaway, Eric Mapsheet: 7100 Mapsco: 71BA
Priority: High Begin Station Plus: End Station Plus:
Begin Lat: End Lat: Begin Long: End Long:

Description of Work Needed:
Repair damaged fence and replace rusted bolts on outlet flange

Additional Information:
at measuring station MS9279.2

Assigned to:

Work performed:

Remarks:
Fence repaired and rusted bolts replaced.

Repaired By: McCullough, Byron Date: 07/21/2015

General Workorder

Work Order Number: 44913 Town: Dallas ID: 2668
Found Date: 05/27/2015 Location: walnut hill e of plano rd
Found Tech: Dowlen, Mark Mapsheet: 2668 Mapsco: 28N
Priority: High Begin Station Plus: End Station Plus:
Begin Lat: End Lat: Begin Long: End Long:

Description of Work Needed:
need paint

Additional Information:
paint main on bridge

Assigned to:

Work performed:

Remarks:

Crossing painted by Brock Services.

Repaired By: Looney, Tommy **Date:** 07/22/2015



Mike Archer
Compliance Analyst

July 31, 2015

Ms. Kari French
Director, Oversight & Safety Division
Railroad Commission of Texas
Post Office Box 12967
Austin, TX 78711-2967

RE: Safety Evaluation No. 20151467
Inspection Package 111153
Dallas Unit

Dear Ms. French:

On July 29, 2015, Atmos Energy submitted a response to the referenced safety evaluation, which noted an extension date of November 30, 2015 for several of the items in our plan of correction. However, actions taken by Atmos Energy personnel have allowed us to move up the anticipated completion date for these items. Therefore, Atmos Energy would like to rescind the response submitted on July 29, 2015, and replace it with the attached response.

If further information is needed or if you have any questions concerning this response, please do not hesitate to contact me.

Yours truly,

A handwritten signature in black ink that reads "Mike Archer".

Mike Archer

Attachment

ATMOS ENERGY CORPORATION
MID-TEX DIVISION
RAILROAD COMMISSION SAFETY
EVALUATION NO. 20151467
PACKAGE NO. 111153
DALLAS UNIT

Dallas - S. E. No. 20151467

2. CP Zone 74042 at 6703 Leana – On July 28, 2015, an insulating shim was installed to eliminate the contact short, and one 32 pound anode was installed. The pipe-to-soil potential reading on that date was -1.070. See attached CP Work Order No. 67418A.

3. MS 9279.2 – On July 21, 2015, the fence was repaired and rusted bolts replaced on the outlet flange at MS 9279.2. See attached Work Order No. 44881.

EXP-16 – The painting and wrapping of the piping at this location are expected to be completed on or before August 10, 2015.

EXP-17 – The painting and coating of the piping at this location are expected to be completed on or before August 10, 2015.

EXP-75 – On July 22, 2015, the main on the bridge at this location was painted. See attached Work Order No. 44913.



Jeffrey S. Knights
Vice President, Technical Services
Mid-Tex Division

August 11, 2015

Ms. Kari French
Director, Oversight & Safety Division
Railroad Commission of Texas
Post Office Box 12967
Austin, Texas 78711-2967

RE: Safety Evaluation No. 20151467
Inspection Package 111153
Dallas Unit

Dear Ms. French:

Please be advised that all actions taken in response to the referenced safety evaluations have been completed. The attached listing documents the actions taken.

If further information is needed or if you have any questions concerning the actions taken, please do not hesitate to contact me.

Yours truly,

Jeffrey S. Knights

Attachment

ATMOS ENERGY CORPORATION
MID-TEX DIVISION
RAILROAD COMMISSION SAFETY
EVALUATION NO. 20151467
PACKAGE NO. 111153
DALLAS UNIT

Dallas - S. E. No. 20151467

3. EXP-16 – On August 3, 2015, the piping at this location was painted and wrapped. See attached Work Order No. 44883.

EXP-17 – On August 10, 2015, the piping at this location was painted and wrapped and the insulators were replaced. See attached Work Order No. 44884.

General Workorder

Work Order Number: 44883 **Town:** Dallas **ID:** EXP-16
Found Date: 05/21/2015 **Location:** 2400 rugged & 1700 wilbur
Found Tech: Brewer, James **Mapsheets:** 5305 **Mapscos:** 54N
Priority: High **Begin Station Plus:** **End Station Plus:**
Begin Lat: **End Lat:** **Begin Long:** **End Long:**

Description of Work Needed:

Paint and wrap repair completed by Can-Fer Utility Services.

Additional Information:

main crossing creek exposed

Assigned to:

Work performed:

Remarks:

Paint and wrap repair completed by Can-Fer Utility Services.

Repaired By: Looney, Tommy **Date:** 08/03/2015

General Workorder

Work Order Number: 44884 Town: Dallas

ID: EXP-17

Found Date: 05/21/2015 Location: schofield&bernal

Found Tech: Brewer, James

Mapsheet: 4204

Mapsc0: 42M

Priority: High

Begin Station Plus:

End Station Plus:

Begin Lat:

End Lat:

Begin Long:

End Long:

Description of Work Needed:

paint repair main wrap ends ground level check insulators on hangers

Additional Information:

main on north side of bridge

Assigned to:

Work performed:

Remarks:

Crossing painted, wrap repaired and insulators replaced by Can-Fer Utility Services.

Repaired By:

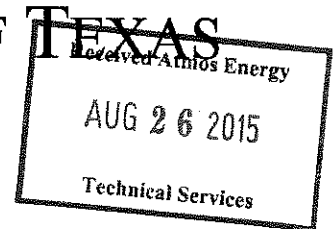
Looney, Tommy

Date:

08/10/2015



RAILROAD COMMISSION OF TEXAS
OVERSIGHT AND SAFETY DIVISION
PIPELINE SAFETY



August 18, 2015

455-21
Mr. Jeffrey S. Knights, Vice President, Technical Services
ATMOS ENERGY CORP., MID-TEX DIVISION
P. O. Box 223705
Dallas, TX 75222-3705

Re: Pipeline Safety Evaluation
Inspection Package Number: 111153
ATMOS ENERGY/DALLAS

(All correspondence must include the Inspection Package Number)

Dear Mr. Jeffrey S. Knights:

We have received your letter of August 11, 2015 stating that all alleged violations found during the above-referenced inspection have been corrected. After reviewing your correspondence, our staff has determined that revisions are necessary. The attached page(s) itemize the violations where revisions are required.

The information requested must be sent to this office by September 17, 2015. If you have any questions or need assistance, do not hesitate to contact James Mergist or Stephanie Weidman in Austin Headquarters at 512-463-7058.

Sincerely,

A handwritten signature in black ink that reads "Kari French".

Kari French
Director

Enclosure: POC Revision List

**Railroad Commission
Safety Division**

Required Revisions to the Plan of Correction (POC)

All correspondence must include the Inspection Package and Evaluation Number

Inspection Package: 111153

Activity/Classification: Standard/Comprehensive

System Name: DALLAS

Evaluation Number: 20151467

Item Number: 2

Description: The level of cathodic protection for the pipe system(s) listed below did not meet one or more of the criteria specified in Appendix D, Code of Federal Regulations.

Requirement: 49 CFR 192.463(a)

POC Revision: Work order 67419 shows CP 44337 was repaired but still shows a reading below the -0.850 V criteria. The work order shows the reading as -0.600 V.

Item Number: 3

Description: Each pipeline or portion of pipeline exposed to the atmosphere was not cleaned and coated.

Requirement: 49 CFR 192.479(a)

POC Revision: None corrective action and completion date appear adequate.

Item Number: 4

Description: Casing used for the pipeline under a railroad or highway at the following location(s) had vents not protected from the weather to prevent water from entering the casing.

Requirement: 49 CFR 192.323(d)

POC Revision: None corrective action and completion date appear adequate.



Jeffrey S. Knights
Vice President, Technical Services
Mid-Tex Division

September 2, 2015

Ms. Kari French
Director, Oversight & Safety Division
Railroad Commission of Texas
Post Office Box 12967
Austin, Texas 78711-2967

RE: Safety Evaluation No. 20151467
Inspection Package 111153
Dallas Unit

Dear Ms. French:

Per the Commission's letter dated August 18, 2015, Atmos Energy - Mid-Tex Division has revised the correction plan for this safety evaluation. A copy of the plan is attached

If further information is needed or if you have any questions concerning the plan, please do not hesitate to contact me.

Yours truly,

Jeffrey S. Knights

Attachment

Cathodic Protection Workorder

Work Order Number: 67419

Town: Dallas

ID: CP44337

Original Found Date: 05/27/2015

Location: 900 Dragon

Found Tech: Gallaway, Eric

Mapsheet: 4433

Mapsco: 45J

Book: 45

Description of Work Needed:

Number of Anodes - 1;

Anodes Wt. - 17# Anode.

Additional Information:

install 1-17# anode in alley

Assigned to: Sewell, Bryan

Work performed:

- Insulated Bridge Hanger
- Installed Poly To Insulate
- Insulated
- Verified Poly

Installed Test Leads

- Curb Box
- Curb
- Valve Box
- Gas Sign
- Pole
- Other

External Condition Of Metal Pipe Exposed

Corrosion

- None
- Light
- Medium
- Heavy

Coating

- None
- Good
- Fair
- Poor

Installed Number of Anodes: 1
17# Anode

Pipe To Soil After Repairs: -0.600

Location Of New Test Lead: _____

Remarks: Found on TRC audit

Repaired By: Sewell, Bryan

Date: 7/7/2015

Cathodic Protection Workorder

Work Order Number: 67419A

Town: Dallas

ID: CP44337

Original Found Date: 05/27/2015

Location: 925 Slocum

Found Tech: Gallaway, Eric

Mapsheets: 4433

Mapscos: 45J

Books: 45

Description of Work Needed:

Insulate.

Additional Information:

contact short on service line meter inside back of bldg

Assigned to:

Work performed:

- | | |
|--|---|
| <input type="checkbox"/> Insulated Bridge Hanger | <input type="checkbox"/> Installed Test Leads |
| <input type="checkbox"/> Installed Poly To Insulate | <input type="checkbox"/> Curb Box |
| <input checked="" type="checkbox"/> Insulated | <input type="checkbox"/> Curb |
| <input type="checkbox"/> Verified Poly | <input type="checkbox"/> Valve Box |
| <input type="checkbox"/> Installed Number of Anodes: _____ | <input type="checkbox"/> Gas Sign |
| | <input type="checkbox"/> Pole |
| | <input type="checkbox"/> Other |

External Condition Of Metal Pipe Exposed

- | <u>Corrosion</u> | <u>Coating</u> |
|---------------------------------|-------------------------------|
| <input type="checkbox"/> None | <input type="checkbox"/> None |
| <input type="checkbox"/> Light | <input type="checkbox"/> Good |
| <input type="checkbox"/> Medium | <input type="checkbox"/> Fair |
| <input type="checkbox"/> Heavy | <input type="checkbox"/> Poor |

Pipe To Soil After Repairs: -1.160

Location Of New Test Lead: _____

Remarks:

Contacted owner of bldg to gain access to meter. Removed metallic contact short between riser and house line. Zone up on re-read (-1.16v)

Repaired By: Gallaway, Eric

Date: 7/7/2015



RAILROAD COMMISSION OF TEXAS

OVERSIGHT AND SAFETY DIVISION PIPELINE SAFETY

September 22, 2015

455-21
Mr. Jeffrey S. Knights, Vice President, Technical Services
ATMOS ENERGY CORP., MID-TEX DIVISION
P. O. Box 223705
Dallas, TX 75222-3705

Received Atmos Energy

SEP 28 2015

Technical Services

Re: Pipeline Safety Evaluation
Inspection Package Number: 111153
ATMOS ENERGY/DALLAS

(All correspondence must include the Inspection Package Number)

Dear Mr. Jeffrey S. Knights:

We have received your letter of September 2, 2015, stating that all alleged violations found during the above-referenced inspection have been corrected. A follow-up visit to your system will be scheduled in the future to determine if your corrective actions are sufficient.

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

Sincerely,

A handwritten signature in black ink that reads "Kari French".

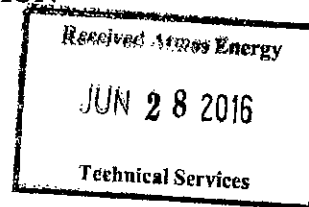
Kari French
Director



RAILROAD COMMISSION OF TEXAS

OVERSIGHT AND SAFETY DIVISION PIPELINE SAFETY

June 22, 2016



455-21

Mr. Jeffrey S. Knights, Vice President, Technical Service
ATMOS ENERGY CORP., MID-TEX DIVISION
P. O. Box 223705
Dallas, TX 75222-3705

Re: Pipeline Safety Evaluation
Inspection Package Number: 113216
ATMOS ENERGY/DALLAS

(All correspondence must include the Inspection Package Number)

Dear Mr. Jeffrey S. Knights:

Recently, a safety evaluation was conducted of pipeline facilities operated by your company. These facilities are identified in the attached Safety Evaluation Summary. Safety evaluations are conducted in accordance with pipeline safety requirements of the Texas Utilities Code, Section 121.201 for natural and other gas pipeline facilities and TEX. NAT. RES. CODE, Sections 117.001 and 117.011 (Vernon Supp. 2002) for hazardous liquid pipeline facilities.

During the evaluation, selected physical conditions, written procedures, and records were reviewed. At the time of this evaluation, alleged violations of the minimum safety standards were found and are detailed in the attached correspondence. Action should begin immediately to correct the listed violation(s). For those violation(s) not corrected during the evaluation, submit to this office a schedule and correction plan.

The correction plan should be an item-by-item explanation of exactly how and by what exact date each individual violation will be corrected. The date specified in the Safety Evaluation Summary is the date we should receive your plan, not the date you are to have the alleged violation(s) corrected. Our staff will review the plan for compliance with the safety requirements.

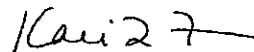
The evaluation results reflect the general status and condition of the entire system. It is your responsibility to take action, not only to correct the specific deficiencies listed in the attachment, but also to recognize and correct any other conditions which do not meet the minimum safety standards.

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

June 22, 2016

Page 2

Sincerely,



Kari French
Director

**Enclosure: Safety Evaluation Summary
Alleged Violation List**

Railroad Commission of Texas
Safety Division
Safety Evaluation Summary

Inspection Package: 113216**Activity/Classification: Standard/Comprehensive****Operator:**

6776 ATMOS ENERGY CORP., MID-TEX DIVISION
 Mr. Jeffrey S. Knights
 Vice President, Technical Services
 P. O. Box 223705
 Dallas, TX 75222-3705

Unit:

3374 ATMOS ENERGY/DALLAS

Inspection Package Performed**Start Date:** 04/25/2016**End Date:** 05/06/2016

Eval No	System ID and Name	System Type	Alleged Violations			
			Repeat	Uncorrected	Corrected	Total
20161004	610134 DALLAS	Distribution	0	3	6	9

Inspector(s)	Regional Office	Phone Number
Carlos Butron	Fort Worth	(817) 882-8966
David Faulkner	Fort Worth	(817) 882-8966
James Collins	Fort Worth	(817) 882-8966
Jeremy Dudik	Fort Worth	(817) 882-8966
Rose Cheverez	Fort Worth	(817) 882-8966
Kevin Colteryahn	Fort Worth	(817) 882-8966
Richard Rizan	Fort Worth	(817) 882-8966
San Sein	Fort Worth	(817) 882-8966
Terry Sullivan	Fort Worth	(817) 882-8966

Action

A plan of correction is due by July 22, 2016

Important Note: The pipeline system(s) listed above are identified by a number and name and represent the physical pipe, valves and other components operated by your company. Additionally, there may be a pipeline system listed that is named System of Company ID Number where number is the identification number of your company. This system is used to represent your company and does not represent any physical pipeline system. For internal purposes it allows the Commission to more properly record inspection work performed at the company level. Where deficiencies are found in programs, plans, procedures, and records at the company level and are not with a specific physical system, alleged violations will be cited against the System of Company ID Number.

Railroad Commission of Texas
Safety Division
Alleged Violation List

All correspondence must include the Inspection Package and Evaluation Number

Inspection Package: 113216**Activity/Classification: Standard/Comprehensive****System Name: DALLAS****Evaluation Number: 20161004**

Item Number: 1**Action Needed:** Violation corrected. No action required.**Description:** The level of cathodic protection for the pipe system(s) listed below did not meet one or more of the criteria specified in Appendix D, Code of Federal Regulations.**Requirement:** 49 CFR 192.463(a)**Notes:**

Description: Cathodic Protection

Location: CP 15482 (T/S 2) at 9668 Timberleaf

Comment: The level of cathodic protection (-.76 volts) has not been maintained with a negative voltage of at least -0.85 volts. The operator showed that CP 15482 (T/S 2) was down then fixed, but was found to be down again during inspection. The violation was corrected during the evaluation.

Item Number: 2**Action Needed:** Violation corrected. No action required.**Description:** The outside terminal of the service regulator vent(s) or relief vent(s) at the following location(s) was not rain and insect resistant.**Requirement:** 49 CFR 192.355(b)(1)**Notes:**

Description: OP Safety Device

Location: A) BARBARA JORDAN ELEMENTARY 1111 Keist Blvd.
B) DRS 222 HEARTSDALE & BREEZE

Comment: A) Regulator relief exiting building envelope, was not secured to prevent insect or water from entering the relief stack and into the relief.

B) Missing vent screen on the regulator which prevents good mechanical operation.

Item Number: 3**Action Needed:** Violation corrected. No action required.**Description:** The pipeline and its associated equipment at the location(s) below did not have adequate anchors or supports to prevent undue strain on connecting equipment.**Requirement:** 49 CFR 192.161(a)(1)**Notes:**

Description: Other: Supports and anchors

Location: A) MM71 PARK CREEK MANOR APTS AMERISOUTH, LTD: 3535 ROCKFORD METER
#262920RW

Railroad Commission of Texas
Safety Division
Alleged Violation List

All correspondence must include the Inspection Package and Evaluation Number

Inspection Package: 113216**Activity/Classification: Standard/Comprehensive****System Name: DALLAS****Evaluation Number: 20161004**

Comment: A) Meter set was not sufficiently supported to prevent undue strain on the connecting pipeline.

Item Number: 4**Action Needed:** Violation corrected. No action required.**Description:** A hazardous leak(s) at the listed site(s) was not repaired promptly.**Requirement:** 49 CFR 192.703(c)**Notes:**

Description: Other: Hazardous Leak, Grade 1

Location: (A). Leak Number: 550871, 5218 Vanderbilt Ave
 (B). Leak Number: 550230, 5743 Penrose
 (C). Leak Number: 549455, 8139 Forest Hills

Comment: (A). While monitoring the unrepaired leak (LN: 550871), gas concentration (5%) was detected inside the water meter box enclosure. The leak was classified as Hazardous Leak, Grade 1. The natural gas leak was repaired during the evaluation on May 5, 2016.

(B). While monitoring the unrepaired leak (LN: 550230), gas concentration (5%) was detected inside underground sewer clean-out enclosure. The leak was classified as Hazardous Leak, Grade 1. The natural gas leak was repaired during the evaluation on May 5, 2016.

(C). While monitoring the unrepaired leak (LN: 549455), gas concentration (20%) was detected inside water box. The leak was classified as Hazardous Leak, Grade 1. The natural gas leak was repaired during the evaluation on May 5, 2016.

Item Number: 5**Action Needed:** Violation corrected. No action required.**Description:** The meter(s) and regulator(s) at the listed site(s) was not properly installed to minimize anticipated stresses.**Requirement:** 49 CFR 192.357(a)**Notes:**

Description: Regulator Station

Location: A) 8130 San Fernando Way
 B) 3011 Reiger
 C) 13746 Rolling Hills Ln, meter#47460

Comment: A) Tree causing excessive strain on pipe going to meter

B) Tech came out to repair above ground leak (leak # 539671) and did not address the issue

Railroad Commission of Texas
Safety Division
Alleged Violation List

All correspondence must include the Inspection Package and Evaluation Number

Inspection Package: 113216**Activity/Classification: Standard/Comprehensive****System Name: DALLAS****Evaluation Number: 20161004**

of the riser in the tree. Tree had grown around the riser and possibly caused undue stress on service and support.

C) The meter and service regulator piping has been lifted by tree branches located near the meter installation. The violation was corrected during the inspection.

Item Number: 6**Action Needed:** Violation corrected. No action required.**Description:** Pipeline(s) at the location(s) below was near electrical transmission towers, ground cables or counterpoise and was not protected against damage from fault currents or lighting and/or protective measures had not been taken at insulating devices.**Requirement:** 49 CFR 192.467(f)**Notes:**

Description: Cathodic Protection

Location: OC-14216 - 2702 Love Field Drive

Comment: At 2702 Love Field Drive, the business had an electrical grounding cable attached to the inlet riser of the customer meter. Atmos removed the grounding cable connection during the audit, so no further action is necessary at this time.

Item Number: 7**Action Needed:** Violation requires a plan of correction by July 22, 2016.**Description:** A Grade 1 leak was discovered and the operator did not take prompt action to eliminate all hazardous conditions and make repairs.**Requirement:** Title 16, 8.207(b)(2)**Notes:**

Description: Other: Leak

Location: 9726 Chateau Dr.

Comment: On June 1, 2015 a leak was found and 5% gas concentration was in the water box. Leak was graded a 2.030 (Grade 2 with a thirty day repair). This is normally a grade 1 because gas in a structure connected to a home. Leak was not repaired until June 29th of 2015.

Item Number: 8**Action Needed:** Violation requires a plan of correction by July 22, 2016.**Description:** Each pipeline or portion of pipeline exposed to the atmosphere was not cleaned and coated.**Requirement:** 49 CFR 192.479(a)**Notes:**

Railroad Commission of Texas
Safety Division
Alleged Violation List

All correspondence must include the Inspection Package and Evaluation Number

Inspection Package: 113216**Activity/Classification: Standard/Comprehensive****System Name: DALLAS****Evaluation Number: 20161004**

Description: Other: Atmospheric Corrosion Control

Location: A) PAT-25 - Midway Rd & Cochran Chapel
 B) PAT-47 - 2575 Southwell & Shady Trail
 C) EXP-18ND - Keller Springs West of Preston Exposed
 D) EXP-28 - 11091 Denton Dr 700 ft South of Merrell Rd
 E) DRS-222 - Hartdale & Breeze (Corrected During Audit)
 F) EXP-84 - Polk & Redbird

Comment: A) PAT-25 - coating is deteriorating at specific locations underneath the bridge crossing, exposing the pipe to localized corrosion.

B) PAT-47 - pipeline is now exposed and the wrap has been damaged, exposing the steel to water and the atmosphere in the ditch.

C) EXP-18ND - the coating on the western end is deteriorating, exposing the pipeline to atmospheric corrosion.

D) EXP-28 - the pipeline has significant coating deterioration on the top and bottom, exposing the pipeline to considerable localized pitting and atmospheric corrosion.

E) DRS-222 - Active atmospheric corrosion was found under deteriorating pipe coating at the air-to-soil interface. This location was corrected during the audit, no further action is necessary.

F) EXP-84 Debris was laying on and around the pipe, and the coating is deteriorating along the top of the pipe, exposing it to atmospheric corrosion.

Item Number: 9

Action Needed: Violation requires a plan of correction by July 22, 2016.

Description: The distribution line segment(s) was not repaired or replaced at the listed location(s) where there was localized corrosion pitting to the degree that leakage could result.

Requirement: 49 CFR 192.487(b)

Notes:

Description: Other: Corrosion

Location: 7130 US Hwy 175 W (32.72375095, -96.69844654)

Comment: Pipe crossing at Creek needs in a concrete block. Atmos created work order to replace line. Atmos created a leak (Leak # 553511, Grade 2.180). Heavy corrosion on the main and gas was found at the location coming from the concrete that main was housed in.



Jeffrey S. Knights
Vice President, Technical Services
Mid-Tex Division

July 14, 2016

Ms. Kari French
Director, Oversight & Safety Division
Railroad Commission of Texas
Post Office Box 12967
Austin, Texas 78711-2967

RE: Safety Evaluation No. 20161004
Inspection Package 113216
Dallas Unit

Dear Ms. French:

Please be advised that all actions taken in response to the referenced safety evaluation have not been completed. The attached listing documents the actions taken to date as well as the actions to be taken.

If further information is needed or if you have any questions concerning the actions taken or the actions to be taken, please do not hesitate to contact me.

Yours truly,

Jeffrey S. Knights

Attachment

ATMOS ENERGY CORPORATION
MID-TEX DIVISION
RAILROAD COMMISSION SAFETY
EVALUATION NOS. 20161004
PACKAGE NO. 113216
DALLAS UNIT

Dallas – S.E. No. 20161004

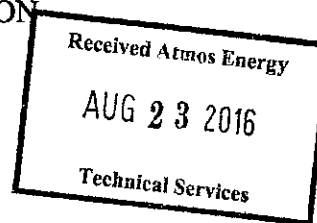
7. The technician grading the leak graded the leak properly, but entered the wrong information into CM+. The technician has been coached regarding proper grading of leaks and completed refresher training on July 6, 2016.
8.
 - A) PAT-25 – Coating repairs will be completed on or before October 1, 2016.
 - B) PAT-47 – Coating repairs will be completed on or before October 1, 2016.
 - C) EXP-18ND – Coating repairs will be completed on or before October 1, 2016.
 - D) EXP-28 – Coating repairs will be completed on or before October 1, 2016.
 - F) EXP-84 – Coating repairs will be completed on or before October 1, 2016.
9. Leak and corrosion repairs will be completed on or before October 1, 2016.



RAILROAD COMMISSION OF TEXAS

OVERSIGHT AND SAFETY DIVISION PIPELINE SAFETY

August 17, 2016



455-21

Mr. Jeffrey S. Knights, Vice President, Technical Servic
ATMOS ENERGY CORP., MID-TEX DIVISION
P. O. Box 223705
Dallas, TX 75222-3705

Re: Pipeline Safety Evaluation
Inspection Package Number: 113216
ATMOS ENERGY/DALLAS

(All correspondence must include the Inspection Package Number)

Dear Mr. Jeffrey S. Knights:

We have received your letter of July 14, 2016 outlining the action you intend to take in correcting the alleged violation(s) found during the above-referenced inspection. After reviewing your correction plan, our staff has determined that the plan and time schedule appear to be sufficient.

According to your schedule, all discrepancies cited will be corrected by October 1, 2016. Notify this office by October 31, 2016 that all violation(s) were corrected as scheduled. Please notify us if schedule slippage occurs.

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

Sincerely,

A handwritten signature in black ink that appears to read "Kari 27".

Kari French
Director



Jeffrey S. Knights
Vice President, Technical Services
Mid-Tex Division

September 28, 2016

Ms. Kari French
Director, Oversight & Safety Division
Railroad Commission of Texas
Post Office Box 12967
Austin, Texas 78711-2967

RE: Safety Evaluation No. 20161004
Inspection Package 113216
Dallas Unit

Dear Ms. French:

Please be advised that all actions taken in response to the referenced safety evaluation have been completed. The attached listing documents the actions taken.

If further information is needed or if you have any questions concerning the actions taken, please do not hesitate to contact me.

Yours truly,

Jeffrey S. Knights

Attachment

ATMOS ENERGY CORPORATION
MID-TEX DIVISION
RAILROAD COMMISSION SAFETY
EVALUATION NOS. 20161004
PACKAGE NO. 113216
DALLAS UNIT

Dallas – S.E. No. 20161004

8.
 - A) PAT-25 – On September 27, 2016 the piping at this location was painted and wrapped. See attached Work Order 46058.
 - B) PAT-47 – On August 1, 2016 the piping at this location was cleared of debris, painted, wrapped and covered. See attached Work Order 46032.
 - C) EXP-18ND – On August 2, 2016 the piping at this location was cleared of debris, painted and wrapped. See attached Work Order 46057.
 - D) EXP-28 – On August 2, 2016 the piping at this location was painted. See attached Work Order 46034.
 - F) EXP-84 – On August 1, 2016 the piping at this location was cleared of debris and wrapped. See attached Work Order 46080.
9. Leak # 55351– On September 21, 2016 the leak at this location (7130 US HWY 175 W.) was eliminated by a pipe replacement project. See the attached completed leak report.

General Workorder

Work Order Number: 46058 Town: Dallas ID: EXP-25
Found Date: 05/04/2016 Location: MIDWAY RD. AND COCHRAN CHAPEL
Found Tech: Reyes, Joel Mapsheet: 2391 Mapsco: 24X
Priority: High Begin Station Plus: End Station Plus:
Begin Lat: End Lat: Begin Long: End Long:

Description of Work Needed:
PIPE NEEDS TO RE-PAINTED

Additional Information:
MIDWAY RD. AND COCHRAN CHAPEL

Assigned to:

Work performed:

Remarks:
sandblasted and coated pipe at bridge hanger.

Repaired By: Rimmer, Benjamin-CAN **Date:** 09/27/2016

General Workorder

Work Order Number: 46032 Town: Dallas ID: 2202
Found Date: 04/29/2016 Location: 2575 SOUTHWELL AND SHADY TRAIL
Found Tech: Reyes, Joel Mapsheet: 2202 Mapsco: 23J
Priority: High Begin Station Plus: End Station Plus:
Begin Lat: End Lat: Begin Long: End Long:

Description of Work Needed:
PIPING NEEDS TO BE RE-WRAPPED

Additional Information:
PIPING NEEDS TO BE RE-WRAPPED

Assigned to:

Work performed:

Remarks:

cleaned debris and wrapped pipe also covered pipe with clean fill dirt

Repaired By: Harris, Raymond E Jr-CAN **Date:** 08/01/2016

General Workorder

Work Order Number: 46057 Town: Dallas ID: EXP-18 ND
Found Date: 05/04/2016 Location: KELLER SPRINGS W. OF PRESTON EXPOSED
Found Tech: Reyes, Joel Mapsheet: 74-19 Mapsco: 5T
Priority: High Begin Station Plus: End Station Plus:
Begin Lat: End Lat: Begin Long: End Long:

Description of Work Needed:
PAINT IS FLAKING OFF ON WEST SIDE OF PIPE WHERE IT COMES OUT OF THE GROUND. APPLY
ADDITIONAL COAT OF PAINT

Additional Information:
KELLER SPRINGS W. OF PRESTON EXPOSED

Assigned to:

Work performed:

Remarks:
cleared debris and wrapped and painted pipe

Repaired By: Harris, Raymond E Jr-CAN **Date:** 08/02/2016

General Workorder

Work Order Number: 46034 Town: Dallas ID: EXP-28
Found Date: 04/29/2016 Location: 11091 DENTON DR. 700 FT. S OF MERRELL RD
Found Tech: Reyes, Joel Mapsheet: 2203 Mapsco: 23J
Priority: High Begin Station Plus: End Station Plus:
Begin Lat: End Lat: Begin Long: End Long:

Description of Work Needed:
PIPE NEEDS TO BE REPAINTED

Additional Information:
PAINT IS FLAKING OFF PIPE. PIPE NEEDS TO BE RE-PAINTED

Assigned to:

Work performed:

Remarks:
sandblasted and painted pipe

Repaired By: Rimmer, Benjamin-CAN **Date:** 08/02/2016

General Workorder

Work Order Number: 46080 Town: Dallas ID: 7302
Found Date: 05/06/2016 Location: Polk & Red Bird
Found Tech: Hornsby, Gavin Mapsheet: 7302 Mapsco: 64T
Priority: High Begin Station Plus: End Station Plus:
Begin Lat: End Lat: Begin Long: End Long:

Description of Work Needed:
Debris on main and main needs rewrapping

Additional Information:
Debris on main and main needs rewrapping

Assigned to:

Work performed:

Remarks:

cleared debris and wrapped pipe

Repaired By: Harris, Raymond E Jr-CAN

Date: 08/01/2016

Leak Number: 553511
 Town: Dallas
 Address: 7130 US Hwy 175 W.
 Date Found: 4/28/2016
 Technician: Hornsby, Gavin

LEAK REPORT

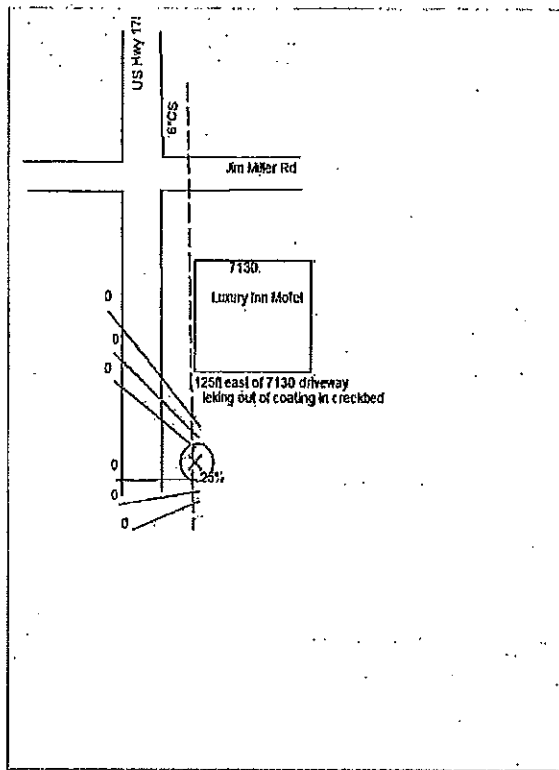
Probable Source: Main
 Gas Detected: Soil
 CGI Test: 25
 Meter #:
 Bar Tested each direction to 0%
 No migration indicated
 Surface Over Leak: Concrete
 Surface Over Main: Concrete
 Probable Pipe Type: Coated Steel
 Temporary Repair Type:
 Temp Repair Date:
 Transaction Date:
 Cross Reference #:
 Line Locate #:

LIO #:
 Grade: 2.180

Time Graded:
 Assistance Requested:
 Assistance Arrived:
 Condition Eliminated:

Mapsheet: 5660
 Mapsco: 58T
 Class 4 Location: No
 Business District: No
 Dug up inlet riser: No

Lat: 32.72375095
 Long: -96.69844654
 County: Dallas



Leak Repaired On: Main
 Type: Pipe
 Material: Coated Steel
 Pipe squeezed: EFC
 Pipe Size: 6.00
 Pressure:
 Cause of Leak: Corrosion
 Station Plus:

External Corrosion:
 External Pits:
 External Coating:
 Min Pit Depth:
 Min Length of Pit:
 Internal Corrosion:
 Technician:

CGI Test % Gas: 0
 CGI Test Tech: Carrington, Casey-CAN
 Soap Test:
 Soap Test Tech:
 Odorant Detected:
 Repair Status: Permanent
 Temp Repair Type:
 Temp Repair Tech:

Compression Coupling Information: Manufacturer:
 Model/Style: Type:
 Soil Type: Pullout: Separated:

Anode Installed Main #: Wt.: Test Station:
 Anode Installed Service #: Wt.: Test Station:
 Anode Installed Technician:
 Test Station Station Plus:
 Pipe to soil Main: Left: N/A Rectified:
 Pipe to soil Service: Left: N/A Rectified:
 Pipe to soil Technician:

Pressure Test of:
 Test Medium:
 Test Pressure: psig
 Test Duration: Hours Minutes
 Technician:

Specified:	Wall Thickness	Found:
Top:		Top:
Side:		Side:
Bottom:		Bottom:

Date: 09/21/2016
 Leak Completed By: Carrington, Casey-CAN

Installed	Pipe Info	Removed
Yellowstripe		
Size: 6.00	IPS	Size: 6.00
CER	Feet: 392	Feet: 400
PR12W	5/14/2016	
2406	11.5	

Main Repair: Repaired on Project
 O2 Level:
 Permanent Repair Tech: Carrington, Casey-CAN

Monitored Date	Monitored By	Change	Migration Pattern Description	Percent Gas	Leak Grade	New Leak Number
9/20/2016	McClain, Dale	N	Conditions will not permit bar test		2.180	
8/22/2016	McClain, Dale	N		2	2.180	
7/25/2016	McClain, Dale	N		2	2.180	
6/27/2016	McClain, Dale	N		3	2.180	
6/1/2016	McClain, Dale	N		0	2.180	
5/27/2016	McClain, Dale	N	Conditions will not permit bar test		2.180	



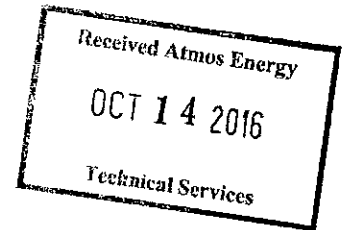
RAILROAD COMMISSION OF TEXAS

OVERSIGHT AND SAFETY DIVISION PIPELINE SAFETY

October 10, 2016

455-21

Mr. Jeffrey S. Knights, Vice President, Technical Service
ATMOS ENERGY CORP., MID-TEX DIVISION
P. O. Box 223705
Dallas, TX 75222-3705



Re: Pipeline Safety Evaluation
Inspection Package Number: 113216
ATMOS ENERGY/DALLAS

(All correspondence must include the Inspection Package Number)

Dear Mr. Jeffrey S. Knights:

We have received your letter of September 26, 2016, stating that all alleged violations found during the above-referenced inspection have been corrected. A follow-up visit to your system will be scheduled in the future to determine if your corrective actions are sufficient.

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

Sincerely,

A handwritten signature in black ink that appears to read "Kari French".

Kari French
Director

CHRISTI CRADDICK, CHAIRMAN
 RYAN SITTON, COMMISSIONER
 WAYNE CHRISTIAN, COMMISSIONER



KARI FRENCH
 DIRECTOR

RAILROAD COMMISSION OF TEXAS

OVERSIGHT AND SAFETY DIVISION PIPELINE SAFETY

May 17, 2017

455-21
 Mr. Jeffrey S. Knights, Vice President, Technical Servc
 ATMOS ENERGY CORP., MID-TEX DIVISION
 P. O. Box 223705
 Dallas, TX 75222-3705

Received Atmos Energy

MAY 22 2017

Technical Services

Re: Pipeline Safety Evaluation
 Inspection Package Number: 115347
 ATMOS ENERGY/DALLAS

(All correspondence must include the Inspection Package Number)

Dear Mr. Jeffrey S. Knights:

Recently, a safety evaluation was conducted of pipeline facilities operated by your company. These facilities are identified in the attached Safety Evaluation Summary. Safety evaluations are conducted in accordance with pipeline safety requirements of the Texas Utilities Code, Section 121.201 for natural and other gas pipeline facilities and TEX. NAT. RES. CODE, Sections 117.001 and 117.011 (Vernon Supp. 2002) for hazardous liquid pipeline facilities.

During the evaluation, selected physical conditions, written procedures, and records were reviewed. At the time of this evaluation, alleged violations of the minimum safety standards were found and are detailed in the attached correspondence. Action should begin immediately to correct the listed violation(s). For those violation(s) not corrected during the evaluation, submit to this office a schedule and correction plan.

The correction plan should be an item-by-item explanation of exactly how and by what exact date each individual violation will be corrected. The date specified in the Safety Evaluation Summary is the date we should receive your plan, not the date you are to have the alleged violation(s) corrected. Our staff will review the plan for compliance with the safety requirements.

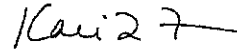
The evaluation results reflect the general status and condition of the entire system. It is your responsibility to take action, not only to correct the specific deficiencies listed in the attachment, but also to recognize and correct any other conditions which do not meet the minimum safety standards.

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

May 17, 2017

Page 2

Sincerely,



Kari French
Director

Enclosure: Safety Evaluation Summary
Alleged Violation List

**Railroad Commission of Texas
Safety Division
Safety Evaluation Summary**

Inspection Package: 115347

Activity/Classification: Standard/Comprehensive

Operator:

6776 ATMOS ENERGY CORP., MID-TEX DIVISION
Mr. Jeffrey S. Knights
Vice President, Technical Services
P. O. Box 223705
Dallas, TX 75222-3705

Unit:

3374 ATMOS ENERGY/DALLAS
Inspection Package Performed
Start Date: 04/17/2017
End Date: 04/28/2017

Eval No	System ID and Name	System Type	Alleged Violations			
			Repeat	Uncorrected	Corrected	Total
20171135	610134 DALLAS	Distribution	0	5	3	8

Inspector(s)	Regional Office	Phone Number
David Faulkner	Fort Worth	(817) 882-8966
Jeremy Dudlk	Fort Worth	(817) 882-8966
Jim Collins	Fort Worth	(817) 882-8966
Jose Cheverez	Fort Worth	(817) 882-8966
Kevin Colteryahn	Fort Worth	(817) 882-8966
San Sein	Fort Worth	(817) 882-8966
Mark Herrin	Houston	(713) 869-8425

Action

A plan of correction is due by **June 16, 2017**

Important Note: The pipeline system(s) listed above are identified by a number and name and represent the physical pipe, valves and other components operated by your company. Additionally, there may be a pipeline system listed that is named System of Company ID Number where number is the identification number of your company. This system is used to represent your company and does not represent any physical pipeline system. For Internal purposes it allows the Commission to more properly record inspection work performed at the company level. Where deficiencies are found in programs, plans, procedures, and records at the company level and are not with a specific physical system, alleged violations will be cited against the System of Company ID Number.

Railroad Commission of Texas
Safety Division
Alleged Violation List

All correspondence must include the Inspection Package and Evaluation Number

Inspection Package: 115347**Activity/Classification: Standard/Comprehensive****System Name: DALLAS****Evaluation Number: 20171135**

Item Number: 1**Action Needed:** Violation corrected. No action required.**Description:** The meter(s) and regulator(s) at the listed site(s) was not properly installed to minimize anticipated stresses.**Requirement:** 49 CFR 192.357(a)**Notes:****Description:** Other: Customer meters and regulators**Location:** (a). 2432 St. Clair
(b). Vacant service riser, NE corner of Dolphin Rd. and Detonte St.
(c). M# 119923509, 1317 Gillette St
(d). 3618 Jubilee Trail
(e). 3522 Jubilee Trail
(f). 2825 Royal Lane
(g). 11731 Rogue Way
(h). 9551 Ash Creek
(i). 1703 Thale Drive
(j). 4645 Baystone Drive**Comment:** All locations listed for the alleged violation were corrected during the inspection.
(a). The vacant customer meter installation is bent and exerting stress on the connecting piping.
(b). The vacant riser installation is being secured by a broken cement slab.
(c). A large tree has grown around and is exerting stress on the customer meter regulator piping.
(d). Customer meter at 3618 Jubilee Trail was sitting down in the dirt causing undue stress on the riser and piping.
(e). Customer meter at 3522 Jubilee Trail had a tree growing around the meter piping causing undue stress on the riser and piping.
(f). Customer meter at 2825 Royal Lane was leaning over causing undue stress on the riser and piping
(g). Customer meter at 11731 Rogue Way had brush and a chainlink fence impeding upon the meter, causing undue stress on the meter and piping.
(h). Customer meter at 9551 Ash Creek was buried and leaning, causing undue stress on the meter and piping.
(i). Customer meter at 1703 Thale Drive was buried, causing undue stress on the meter and piping.
(j). Customer meter at 4645 Baystone Drive had a tree growing around the meter and riser, causing undue stress on the meter and riser.

Railroad Commission of Texas
Safety Division
Alleged Violation List

All correspondence must include the Inspection Package and Evaluation Number

Inspection Package: 115347**Activity/Classification: Standard/Comprehensive****System Name: DALLAS****Evaluation Number: 20171135**

Item Number: 2**Action Needed:** Violation corrected. No action required.**Description:** The meter(s) and service regulator(s) was(were) not protected from corrosion or other damage.**Requirement:** 49 CFR 192.353(a)**Notes:****Description:** Other: Customer meters and regulators

- Location:**
- (a). Meter installation at 8233 Military Pkwy, Forester Athletic Stadium
 - (b). Meter installation at 4200 Metropolitan Ave, Dunbar Learning Center
 - (c). Meter at 6426 Seco Blvd
 - (d). Meter at 11303 Lippitt Ave
 - (e). Meter at 8655 N Mediterranean Circle
 - (f). Meter at Walnut Hill Elementary, 10115 Midway Road

Comment: All locations listed for the alleged violation were corrected during the inspection. Items (a), (b), (e), and (f) were not protected from the atmospheric corrosion. Items (c) and (d) had missing or detached dial glass covers, respectively, on the meter installation.**Item Number: 3****Action Needed:** Violation requires a plan of correction by June 16, 2017.**Description:** The level of cathodic protection for the pipe system(s) listed below did not meet one or more of the criteria specified in Appendix D, Code of Federal Regulations.**Requirement:** 49 CFR 192.463(a)**Notes:****Description:** Cathodic Protection

- Location:**
- (a). CP65371, 5051 Watson St
 - (b). CP65371A, 5130 Watson St
 - (c). CP26512:TP1, 11823 Flamingo Lane
 - (d). CP26512:TP2, 11610 Mayfair Boulevard
 - (e). CP36456:TP2, 8822 Forest Hills Boulevard
 - (f). CP26544:TP2, 11737 Rogue Way
 - (g). CP43095, 3463 Bernal Drive (Corrected)
 - (h). CP52224:TP1, 1315 Pinto Street (Corrected)

Comment: The level of cathodic protection has not been maintained with the operator's criteria of at least -0.85 Volts.

- (a). -0.21 V
- (b). -0.56 V
- (c). -0.632 V
- (d). -0.635 V
- (e). -0.593 V

Railroad Commission of Texas
Safety Division
Alleged Violation List

All correspondence must include the Inspection Package and Evaluation Number

Inspection Package: 115347**Activity/Classification: Standard/Comprehensive****System Name: DALLAS****Evaluation Number: 20171135**

- (f). -0.698 V
- (g). -0.703 V (Corrected -1.260 V)
- (h). -0.540 V (Corrected -1.400 V)

Item Number: 4**Action Needed:** Violation requires a plan of correction by June 16, 2017.**Description:** The meter(s) and service regulator(s) at the following site(s) was not installed in a readily accessible location.**Requirement:** 49 CFR 192.353(a)**Notes:**

Description: Other: Customer meters and regulators

Location: (a). Inside meter at James Madison High School, 3000 Martin Luther King Jr Blvd

Comment: (a). The meter is located inside the locked structure where it can be accessed only by the school maintenance personnel, not Atmos service personnel.

Item Number: 5**Action Needed:** Violation requires a plan of correction by June 16, 2017.**Description:** The meter(s) in the building(s) listed below was not located in a ventilated place or more than three feet from any ignition or heat source.**Requirement:** 49 CFR 192.353(c)**Notes:**

Description: Other: Customer meters and regulators

Location: (a). Inside meter at James Madison High School, 3000 Martin Luther King Jr Blvd

(b). Inside meter at Walnut Hill Elementary School, 10115 Midway Road (Corrected)

Comment: (a). The meter installation is located inside the school structure where there are no places to ventilate natural gas during the release of product.

(b). The Relief Device on the school meter at Walnut Hill Elementary, 10115 Midway Road, was vented inside the meter building. Atmos rerouted the vent line to exit the building, so this item was corrected during the audit.

Item Number: 6**Action Needed:** Violation requires a plan of correction by June 16, 2017.**Description:** The outside terminal of the service regulator vent(s) or relief vent(s) at the following location(s) was not rain and insect resistant.**Requirement:** 49 CFR 192.355(b)(1)**Notes:**

**Railroad Commission of Texas
Safety Division
Alleged Violation List**

All correspondence must include the Inspection Package and Evaluation Number

Inspection Package: 115347

Activity/Classification: Standard/Comprehensive

System Name: DALLAS

Evaluation Number: 20171135

Description: Other: Customer meters and regulators

Location: (a). Inside meter at James Madison High School, 3000 Martin Luther King Jr Blvd,

Comment: (a). The meter service regulator vent was installed without insect resistant screen.

Item Number: 7

Action Needed: Violation requires a plan of correction by June 16, 2017.

Description: During post repair inspection, gas concentrations were found greater than 0%, and the operator did not conduct a post-repair leak inspection within 30 days after the repair was made.

Requirement: Title 16, 8.207(e)(2)

Notes:

Description: Other: Leak Grading & Repair

Location: (a). Leak #558737 / 562711, 3544 Stanford Avenue
(b). Leak #552316 / 556664, 800 Rockwood Drive

Comment: (a). The repair at 3544 Stanford Avenue was completed on 16 Sept 2017 with a gas concentration greater than 0% after the repair and on 01 Oct 2016, but the next monthly post-repair monitoring was not continued until 07 Jan 2017. New Leak #562711 was still unrepaired at the time of inspection.
(b). The repair at 800 Rockwood Avenue was completed on 06 May 2016 with a gas concentration greater than 0% after the repair, but the first monthly post-repair monitoring was not conducted until 21 July 2016. New Leak #556664 was repaired on 23 Nov 2016.

Item Number: 8

Action Needed: Violation corrected. No action required.

Description: The operator did not remove and replace all compression couplings at currently known service riser installations that were not manufactured and/or installed in accordance with ASTM D2513 specifications for Category 1 fittings by November 30, 2009.

Requirement: Title 16, 8.208(g)

Notes:

Description: Other: Mandatory Removal and Replacement Program

Location: 2838 Blyth Drive

Comment: At 2838 Blyth Drive, a "pre-bent riser" was found that does not meet the requirements of ASTM D2513. The service line and riser was corrected during the inspection.



Rad Cook
Vice President, Operations
Mid-Tex Division

June 15, 2017

Ms. Kari French
Director, Oversight & Safety Division
Railroad Commission of Texas
Post Office Box 12967
Austin, Texas 78711-2967

RE: Safety Evaluation No. 20171135
Inspection Package 115347
Dallas Unit

Dear Ms. French:

Please be advised that all actions taken in response to the referenced safety evaluation have been completed. The attached listing documents the actions taken.

If further information is needed or if you have any questions concerning the actions taken, please do not hesitate to contact me.

Yours truly,

A handwritten signature in black ink that reads "Rad Cook". The signature is written in a cursive, slightly slanted style.

Rad Cook

Attachment

ATMOS ENERGY CORPORATION
MID-TEX DIVISION
RAILROAD COMMISSION SAFETY
EVALUATION NO. 20171135
PACKAGE NO. 115347
DALLAS UNIT

Dallas – S. E. No. 20171135

3. (a) CP Zone 65371, 5051 Watson St. – On May 25, 2017, the test station at this location was reinstalled. The pipe-to-soil potential reading on that date was -1.40V. See attached CP Workorder No. 74885.
 - (b) CP Zone 65371A, 5130 Watson St. – On May 25, 2017, the test station at this location was relocated to 5127 Watson St. The pipe-to-soil potential reading on that date was -1.36V. See attached CP Workorder No. 74884.
 - (c)(d) CP Zone 26512:TP1, 11823 Flamingo Ln; CP Zone 26512:TP2, 11610 Mayfield Blvd. – Eight 32 pound anodes were installed, meter shorts were repaired, and a new test station installed, with completion in CM+ on May 23, 2017. The initial reading after the anodes were installed was still below criteria; after repair of the meter shorts, the reading was within the criteria, with a pipe-to-soil potential reading on May 23, 2017 of -1.15V. See attached CP Workorder Nos. 74828, 74828A, 74829, 74829A, 74830, 74830A, 74831, 74831A, 74832, 74832A, 74833, 74833A, 74834, 74834A, 74835, 74835A, 74836, 74836A, and 75062.
 - (e) CP Zone 36456:TP2, 8822 Forest Hills Blvd. – Four 17 pound anodes and two test stations were installed, with the work being completed on May 23, 2017. The pipe-to-soil potential reading on that date was -1.44V. See attached CP Workorder Nos. 74861, 74861A, 74862, 74862A, 74863, 74864, 74865, and 74866.
 - (f) CP Zone 26544:TP2, 11737 Rogue Way – three 17 pound anodes were installed and meter shorts repaired, with completion in CM+ on May 26, 2017. The initial reading after the anodes were installed was still below criteria; after repair of the meter shorts, the reading was within the criteria, with a pipe-to-soil potential reading on May 26, 2017 of -1.39V. See attached CP Workorder Nos. 74854, 74854A, 74857, 74857A, 74860, 74860A and 75241.
4. On April 30, 2017, the meter installation was upgraded and re-located to the outside of the building. See attached Workorder No. 47237.
 5. On April 30, 2017, the meter installation was upgraded and re-located to the outside of the building. See attached Workorder No. 47237.

6. On April 30, 2017, the meter installation was upgraded and re-located to the outside of the building. See attached Workorder No. 47237.
7.
 - (a) On May 4th and 5th, 2017, refresher training was provided to technicians regarding appropriate procedures for post monitor leak inspection. See attached roster sheet of technicians attending refresher training. Leak No. 562711 was repaired and entered into CM+ on May 9, 2017. See attached Leak Report for Leak 562711.
 - (b) On May 4th and 5th, 2017, refresher training was provided to technicians regarding appropriate procedures for post monitor leak inspection. See attached roster sheet of technicians attending refresher training.

Cathodic Protection Workorder

Work Order Number: 74885

Town: Dallas

ID: CP65371

Original Found Date: 04/27/2017

Location: 5051 Watson

Found Tech: Galloway, Eric

Mapsheet: 6537

Mapscor: 66B

Book: 73

Description of Work Needed:

Install Test Leads - Pole.

Additional Information:

re-install test wire at power pole in front

Assigned to:

Work performed:

Insulated Bridge Hanger

Installed Poly To Insulate

Insulated

Verified Poly

Installed Number of Anodes: _____

Installed Test Leads

Curb Box

Curb

Valve Box

Gas Sign

Pole

Other

External Condition Of Metal Pipe Exposed

Corrosion

None

Light

Medium

Heavy

Coating

None

Good

Fair

Poor

Pipe To Soil After Repairs: -1.400

Location Of New Test Lead: _____

Remarks: Found on TRRC audit (Quad D)

Repaired By: Phelps, Oliver-CAN

Date: 5/25/2017

Cathodic Protection Workorder

Work Order Number: 74884

Town: Dallas

ID: CP65371A

Original Found Date: 04/27/2017

Location: 5127 Watson

Found Tech: Gallaway, Eric

Mapsheet: 6537

Mapsco: 66E

Book: 73

Description of Work Needed:

Install Test Leads - Pole.

Additional Information:

install test station at power pole in front

Assigned to:

Work performed:

Insulated Bridge Hanger

Installed Test Leads

Installed Poly To Insulate

Curb Box

Insulated

Curb

Verified Poly

Valve Box

Installed Number of Anodes: _____

Gas Sign

Pole

Other

External Condition Of Metal Pipe Exposed

Corrosion

Coating

None

None

Light

Good

Medium

Fair

Heavy

Poor

Pipe To Soil After Repairs: -1.360

Location Of New Test Lead: _____

Remarks: Found on TRRC audit (Quad D)

Repaired By: Phelps, Oliver-CAN

Date: 5/25/2017

Cathodic Protection Workorder

Work Order Number: 74828

Town: Dallas

ID: CP26512

Original Found Date: 04/25/2017

Location: 11819 FLAMINGO

Found Tech: Watkins, Carnell

Mapsheet: 2651

Mapseo: 38L

Book: 25

Description of Work Needed:

Install Test Leads - Gas Sign.

Additional Information:

Install T/S behind 11818 Flamingo, 4" main under concrete.

Assigned to:

Work performed:

Insulated Bridge Hanger

Installed Test Leads

Installed Poly To Insulate

Curb Box

Insulated

Curb

Verified Poly

Valve Box

Installed Number of Anodes: _____

Gas Sign

Pole

Other

External Condition Of Metal Pipe Exposed

Corrosion

Coating

None

None

Light

Good

Medium

Fair

Heavy

Poor

Pipe To Soil After Repairs: -0.590

Location Of New Test Lead: _____

Remarks: PLEASE return w/o when done (TRC)

Repaired By: Phelps, Oliver-CAN

Date: 5/11/2017

Cathodic Protection Workorder

Work Order Number: 74828A

Town: Dallas

ID: CP26512

Original Found Date: 04/25/2017

Location: 11819 FLAMINGO

Found Tech: Watkins, Carnell

Mapsheets: 2651

Mapsco: 38L

Book: 25

Description of Work Needed:

Install Test Leads - Gas Sign.

Additional Information:

Install T/S behind 11818 Flamingo, 4" main under concrete.

Assigned to:

Work performed:

- Insulated Bridge Hanger
- Installed Poly To Insulate
- Insulated
- Verified Poly
- Installed Number of Anodes: _____

- Installed Test Leads
- Curb Box
- Curb
- Valve Box
- Gas Sign
- Pole
- Other

External Condition Of Metal Pipe Exposed

- | <u>Corrosion</u> | <u>Coating</u> |
|---------------------------------|-------------------------------|
| <input type="checkbox"/> None | <input type="checkbox"/> None |
| <input type="checkbox"/> Light | <input type="checkbox"/> Good |
| <input type="checkbox"/> Medium | <input type="checkbox"/> Fair |
| <input type="checkbox"/> Heavy | <input type="checkbox"/> Poor |

Pipe To Soil After Repairs: -1.150

Location Of New Test Lead: _____

Remarks: zone up after short repaired

Repaired By: Watkins, Carnell

Date: 4/3/2017

Cathodic Protection Workorder

Work Order Number: 74829

Town: Dallas

ID: CP26512

Original Found Date: 04/25/2017

Location: 11813 FLAMINGO

Found Tech: Watkins, Carnell

Mapsheet: 2651

Mapsco: 38D

Book: 25

Description of Work Needed:

Number of Anodes - 1;

Anodes Wt. - 32# Anode.

Additional Information:

Install 32lb anode behind 11813 Flamingo 4" main under concrete

Assigned to:

Work performed:

Insulated Bridge Hanger

Installed Test Leads

External Condition Of Metal Pipe Exposed

Installed Poly To Insulate

Curb Box

Corrosion

Coating

Isulated

Curb

None

None

Verified Poly

Valve Box

Light

Good

Installed Number of Anodes: 1
32# Anode

Gas Sign

Medium

Fair

Pole

Heavy

Poor

Other

Pipe To Soil After Repairs: -0.690

Location Of New Test Lead: _____

Remarks: Please return w/o when done. (TRC)

Repaired By: Phelps, Oliver-CAN

Date: 5/11/2017

Cathodic Protection Workorder

Work Order Number: 74829A

Town: Dallas

ID: CP26512

Original Found Date: 04/25/2017

Location: 11813 FLAMINGO

Found Tech: Watkins, Carnell

Mapsheet: 2651

Mapsc0: 38D

Book: 25

Description of Work Needed:

Number of Anodes - 1;

Anodes Wt. - 32# Anode.

Additional Information:

Install 32lb anode behind 11813 Flamingo 4" main under concrete

Assigned to:

Work performed:

Insulated Bridge Hanger

Installed Test Leads

External Condition Of Metal Pipe Exposed

Installed Poly To Insulate

Curb Box

Corrosion

Coating

Insulated

Curb

None

None

Verified Poly

Valve Box

Light

Good

Installed Number of Anodes: _____

Gas Sign

Pole

Medium

Fair

Other

Heavy

Poor

Pipe To Soil After Repairs: -1.150

Location Of New Test Lead: _____

Remarks: zone up after short repaired

Repaired By: Watkins, Carnell

Date: 5/23/2017

Cathodic Protection Workorder

Work Order Number: 74830

Town: Dallas

ID: CP26512

Original Found Date: 04/25/2017

Location: 11727 FLAMINGO

Found Tech: Watkins, Carnell

Mapsheet: 2651

Mapsco: 38D

Book: 25

Description of Work Needed:

Number of Anodes - 1;

Anodes Wt. - 32# Anode.

Additional Information:

Install 32lb. anode behind 11727 Flamingo 4" main under concrete

Assigned to:

Work performed:

Insulated Bridge Hanger

Installed Test Leads

Installed Poly To Insulate

Curb Box

Insulated

Curb

Verified Poly

Valve Box

Installed Number of Anodes: 1
32# Anode

Gas Sign

Pole

Other

External Condition Of Metal Pipe Exposed

Corrosion

None

Light

Medium

Heavy

Coating

None

Good

Fair

Poor

Pipe To Soil After Repairs: -0.790

Location Of New Test Lead: _____

Remarks: Please return w/o when done. (TRC)

Repaired By: Phelps, Oliver-CAN

Date: 5/11/2017

Cathodic Protection Workorder

Work Order Number: 74830A

Town: Dallas

ID: CP26512

Original Found Date: 04/25/2017

Location: 11727 FLAMINGO

Found Tech: Watkins, Carnell

Mapsheet: 2651

Mapsc0: 38D

Book: 25

Description of Work Needed:

Number of Anodes - 1;

Anodes Wt. - 32# Anode.

Additional Information:

Install 32lb. anode behind 11727 Flamingo 4" main under concrete

Assigned to:

Work performed:

Insulated Bridge Hanger

Installed Test Leads

Installed Poly To Insulate

Curb Box

Insulated.

Curb

Verified Poly

Valve Box

Installed Number of Anodes: _____

Gas Sign

Pole

Other

External Condition Of Metal Pipe Exposed

Corrosion

Coating

None

None

Light

Good

Medium

Fair

Heavy

Poor

Pipe To Soil After Repairs: -1.150

Location Of New Test Lead: _____

Remarks: zone up after meter short repaired

Repaired By: Watkins, Carnell

Date: 5/23/2017

Cathodic Protection Workorder

Work Order Number: 74831

Town: Dallas

ID: CP26512

Original Found Date: 04/25/2017

Location: 11629 FLAMINGO

Found Tech: Watkins, Carnell

Mapsheet: 2651

Mapsco: 38D

Book: 25

Description of Work Needed:

Number of Anodes - 1;

Anodes Wt. - 32# Anode.

Additional Information:

Install 32lb. anode behind 11629 Flamingo 4" main under concrete

Assigned to:

Work performed:

Insulated Bridge Hanger

Installed Test Leads

External Condition Of Metal Pipe Exposed

Installed Poly To Insulate

Curb Box

Corrosion

Coating

Insulated

Curb

None

None

Verified Poly

Valve Box

Light

Good

Installed Number of Anodes: 1

Gas Sign

Medium

Fair

32# Anode

Pole

Heavy

Poor

Other

Pipe To Soil After Repairs: -0.790

Location Of New Test Lead: _____

Remarks: Please return w/o when done . (TRC)

Repaired By: Phelps, Oliver-CAN

Date: 5/12/2017

Cathodic Protection Workorder

Work Order Number: 74831A

Town: Dallas

ID: CP26512

Original Found Date: 04/25/2017

Location: 11629 FLAMINGO

Found Tech: Watkins, Carnell

Mapsheat: 2651

Mapsco: 38D

Book: 25

Description of Work Needed:

Number of Anodes - 1;

Anodes Wt. - 32# Anode.

Additional Information:

Install 32lb. anode behind 11629 Flamingo 4" main under concrete

Assigned to:

Work performed:		External Condition Of Metal Pipe Exposed	
<input type="checkbox"/> Insulated Bridge Hanger	<input type="checkbox"/> Installed Test Leads		
<input type="checkbox"/> Installed Poly To Insulate	<input type="checkbox"/> Curb Box	<u>Corrosion</u>	<u>Coating</u>
<input checked="" type="checkbox"/> Isulated	<input type="checkbox"/> Curb	<input type="checkbox"/> None	<input type="checkbox"/> None
<input type="checkbox"/> Verified Poly	<input type="checkbox"/> Valve Box	<input type="checkbox"/> Light	<input type="checkbox"/> Good
<input type="checkbox"/> Installed Number of Anodes: _____	<input type="checkbox"/> Gas Sign	<input type="checkbox"/> Medium	<input type="checkbox"/> Fair
	<input type="checkbox"/> Pole	<input type="checkbox"/> Heavy	<input type="checkbox"/> Poor
	<input type="checkbox"/> Other		
Pipe To Soil After Repairs: <u>-1.160</u>			
Location Of New Test Lead: _____			
Remarks: zone up after short repaired			
Repaired By: <u>Watkins, Carnell</u>		Date: <u>5/23/2017</u>	

Cathodic Protection Workorder

Work Order Number: 74832 Town: Dallas ID: CP26512
 Original Found Date: 04/25/2017 Location: 11523 FLAMINGO
 Found Tech: Watkins, Carnell Mapsheet: 2651 Mapsco: 38D Book: 25

Description of Work Needed:

Number of Anodes - 1;

Anodes Wt. - 32# Anode.

Additional Information:

Install 32lb anode behind 11523 Flamingo 4" main under concrete.

Assigned to:

Work performed:

<input type="checkbox"/> Insulated Bridge Hanger	<input type="checkbox"/> Installed Test Leads	External Condition Of Metal Pipe Exposed	
<input type="checkbox"/> Installed Poly To Insulate	<input type="checkbox"/> Curb Box	<u>Corrosion</u>	<u>Coating</u>
<input type="checkbox"/> Insulated	<input type="checkbox"/> Curb	<input checked="" type="checkbox"/> None	<input type="checkbox"/> None
<input type="checkbox"/> Verified Poly	<input type="checkbox"/> Valve Box	<input type="checkbox"/> Light	<input checked="" type="checkbox"/> Good
<input checked="" type="checkbox"/> Installed Number of Anodes: <u>1</u>	<input type="checkbox"/> Gas Sign	<input type="checkbox"/> Medium	<input type="checkbox"/> Fair
32# Anode	<input type="checkbox"/> Pole	<input type="checkbox"/> Heavy	<input type="checkbox"/> Poor
	<input type="checkbox"/> Other		

Pipe To Soil After Repairs: -0.650

Location Of New Test Lead: _____

Remarks: Please return w/o when done (TRC)

Repaired By: Phelps, Oliver-CAN **Date:** 5/13/2017

Cathodic Protection Workorder

Work Order Number: 74832A

Town: Dallas

ID: CP26512

Original Found Date: 04/25/2017

Location: 11523 FLAMINGO

Found Tech: Watkins, Carnell

Mapsheet: 2651

Mapsco: 38D

Book: 25

Description of Work Needed:

Number of Anodes - 1;

Anodes Wt. - 32# Anode.

Additional Information:

Install 32lb anode behind 11523 Flamingo 4" main under concrete.

Assigned to:

Work performed:

Insulated Bridge Hanger

Installed Test Leads

Installed Poly To Insulate

Curb Box

Insulated

Curb

Verified Poly

Valve Box

Installed Number of Anodes: _____

Gas Sign

Pole

Other

External Condition Of Metal Pipe Exposed

Corrosion

Coating

None

None

Light

Good

Medium

Fair

Heavy

Poor

Pipe To Soil After Repairs: -1.160

Location Of New Test Lead: _____

Remarks: zone up after meter short repaired

Repaired By: Watkins, Carnell

Date: 5/23/2017

Cathodic Protection Workorder

Work Order Number: 74833

Town: Dallas

ID: CP26512

Original Found Date: 04/25/2017

Location: 11427 FLAMINGO

Found Tech: Watkins, Carnell

Mapsheet: 2651

Mapsco: 38D

Book: 25

Description of Work Needed:

Number of Anodes - 1;

Anodes Wt. - 32# Anode.

Additional Information:

Install 1- 32lb anode behind 11427 Flamingo , 4" main under concrete

Assigned to:

Work performed:

Insulated Bridge Hanger

Installed Test Leads

External Condition Of Metal Pipe Exposed

Installed Poly To Insulate

Curb Box

Corrosion

Coating

Insulated

Curb

None

None

Verified Poly

Valve Box

Light

Good

Installed Number of Anodes: 1
32# Anode

Gas Sign

Medium

Fair

Pole

Heavy

Poor

Other

Pipe To Soil After Repairs: -0.770

Location Of New Test Lead: _____

Remarks: Please return w/o when done . (TRC)

Repaired By: Phelps, Oliver-CAN

Date: 5/13/2017

Cathodic Protection Workorder

Work Order Number: 74833A

Town: Dallas

ID: CP26512

Original Found Date: 04/25/2017

Location: 11427 FLAMINGO

Found Tech: Watkins, Carnell

Mapsheet: 2651

MapSCO: 38D

Book: 25

Description of Work Needed:

Number of Anodes - 1;

Anodes Wt. - 32# Anode.

Additional Information:

Install 1- 32lb anode behind 11427 Flamingo , 4" main under concrete

Assigned to:

Work performed:

Insulated Bridge Hanger

Installed Test Leads

Installed Poly To Insulate

Curb Box

Insulated

Curb

Verified Poly

Valve Box

Installed Number of Anodes: _____

Gas Sign

Pole

Other

External Condition Of Metal Pipe Exposed

Corrosion

Coating

None

None

Light

Good

Medium

Fair

Heavy

Poor

Pipe To Soil After Repairs: -1.160

Location Of New Test Lead: _____

Remarks: zone up after meter short repaired

Repaired By: Watkins, Carnell

Date: 5/23/2017

Cathodic Protection Workorder

Work Order Number: 74834

Town: Dallas

ID: CP26512

Original Found Date: 04/25/2017

Location: 11830 FLAMINGO

Found Tech: Watkins, Carnell

Mapsheet: 2651

Mapsco: 38D

Book: 25

Description of Work Needed:

Number of Anodes - 1;

Anodes Wt. - 32# Anode.

Additional Information:

Install 1- 32lb anode behind 11830 Flamingo 4" main under concrete

Assigned to:

Work performed:

Insulated Bridge Hanger

Installed Test Leads

External Condition Of Metal Pipe Exposed

Installed Poly To Insulate

Curb Box

Corrosion

Coating

Insulated

Curb

None

None

Verified Poly

Valve Box

Light

Good

Installed Number of Anodes: 1
32# Anode

Gas Sign

Medium

Fair

Pole

Heavy

Poor

Other

Pipe To Soil After Repairs: -0.670

Location Of New Test Lead: _____

Remarks: Please return when w/o done (TRC)

Repaired By: Phelps, Oliver-CAN

Date: 5/15/2017

Cathodic Protection Workorder

Work Order Number: 74834A

Town: Dallas

ID: CP26512

Original Found Date: 04/25/2017

Location: 11830 FLAMINGO

Found Tech: Watkins, Carnell

Mapsheet: 2651

MapSCO: 38D

Book: 25

Description of Work Needed:

Number of Anodes - 1;

Anodes Wt. - 32# Anode.

Additional Information:

Install 1- 32lb anode behind 11830 Flamingo 4" main under concrete

Assigned to:

Work performed:

Insulated Bridge Hanger

Installed Test Leads

Installed Poly To Insulate

Curb Box

Insulated

Curb

Verified Poly

Valve Box

Installed Number of Anodes: _____

Gas Sign

Pole

Other

External Condition Of Metal Pipe Exposed

Corrosion

Coating

None

None

Light

Good

Medium

Fair

Heavy

Poor

Pipe To Soil After Repairs: -1.150

Location Of New Test Lead: _____

Remarks: zone up after meter shorte repaired

Repaired By: Watkins, Carnell

Date: 5/23/2017

Cathodic Protection Workorder

Work Order Number: 74835

Town: Dallas

ID: CP26512

Original Found Date: 04/25/2017

Location: 11802 FLAMINGO

Found Tech: Watkins, Carnell

Mapsheet: 2651

Mapsco: 38D

Book: 25

Description of Work Needed:

Number of Anodes - 1;

Anodes Wt. - 32# Anode.

Additional Information:

Install 1-32lb anode behind 11802 FLAMINGO 4" main under concrete.

Assigned to:

Work performed:

<input type="checkbox"/> Insulated Bridge Hanger <input type="checkbox"/> Installed Poly To Insulate <input type="checkbox"/> Insulated <input type="checkbox"/> Verified Poly <input checked="" type="checkbox"/> Installed Number of Anodes: <u>1</u> 32# Anode	<input type="checkbox"/> Installed Test Leads <input type="checkbox"/> Curb Box <input type="checkbox"/> Curb <input type="checkbox"/> Valve Box <input type="checkbox"/> Gas Sign <input type="checkbox"/> Pole <input type="checkbox"/> Other	<p style="text-align: center;"><u>External Condition Of Metal Pipe Exposed</u></p> <table border="0" style="width: 100%;"> <tr> <td style="text-align: center;"><u>Corrosion</u></td> <td style="text-align: center;"><u>Coating</u></td> </tr> <tr> <td><input checked="" type="checkbox"/> None</td> <td><input type="checkbox"/> None</td> </tr> <tr> <td><input type="checkbox"/> Light</td> <td><input checked="" type="checkbox"/> Good</td> </tr> <tr> <td><input type="checkbox"/> Medium</td> <td><input type="checkbox"/> Fair</td> </tr> <tr> <td><input type="checkbox"/> Heavy</td> <td><input type="checkbox"/> Poor</td> </tr> </table>	<u>Corrosion</u>	<u>Coating</u>	<input checked="" type="checkbox"/> None	<input type="checkbox"/> None	<input type="checkbox"/> Light	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Medium	<input type="checkbox"/> Fair	<input type="checkbox"/> Heavy	<input type="checkbox"/> Poor
<u>Corrosion</u>	<u>Coating</u>											
<input checked="" type="checkbox"/> None	<input type="checkbox"/> None											
<input type="checkbox"/> Light	<input checked="" type="checkbox"/> Good											
<input type="checkbox"/> Medium	<input type="checkbox"/> Fair											
<input type="checkbox"/> Heavy	<input type="checkbox"/> Poor											

Pipe To Soil After Repairs: -0.730

Location Of New Test Lead: _____

Remarks: Please return w/o when done.(TRC)

Repaired By: Phelps, Oliver-CAN Date: 5/15/2017

Cathodic Protection Workorder

Work Order Number: 74835A

Town: Dallas

ID: CP26512

Original Found Date: 04/25/2017

Location: 11802 FLAMINGO

Found Tech: Watkins, Carnell

Mapsheet: 2651

MapSCO: 38D

Book: 25

Description of Work Needed:

Number of Anodes - 1;

Anodes Wt. - 32# Anode.

Additional Information:

Install 1-32lb anode behind 11802 FLAMINGO 4" main under concrete.

Assigned to:

Work performed:

Insulated Bridge Hanger

Installed Test Leads

External Condition Of Metal Pipe Exposed

Installed Poly To Insulate

Curb Box

Corrosion

Coating

Insulated

Curb

None

None

Verified Poly

Valve Box

Light

Good

Installed Number of Anodes: _____

Gas Sign

Medium

Fair

Pole

Other

Heavy

Poor

Pipe To Soil After Repairs: -1.150

Location Of New Test Lead: _____

Remarks: zone up after meter set insulated

Repaired By: Watkins, Carnell

Date: 5/23/2017

Cathodic Protection Workorder

Work Order Number: 74836

Town: Dallas

ID: CP26512

Original Found Date: 04/25/2017

Location: 11614 FLAMINGO

Found Tech: Watkins, Carnell

Mapsheet: 2651

Mapsc0: 38D

Book: 25

Description of Work Needed:

Number of Anodes - 1;

Anodes Wt. - 32# Anode.

Additional Information:

Install 1- 32lb anode behin 11614 Flamingo 4" main under concrete.

Assigned to:

Work performed:

Insulated Bridge Hanger

Installed Test Leads

Installed Poly To Insulate

Curb Box

Insulated

Curb

Verified Poly

Valve Box

Installed Number of Anodes: 1
32# Anode

Gas Sign

Pole

Other

External Condition Of Metal Pipe Exposed

Corrosion

None

Light

Medium

Heavy

Coating

None

Good

Fair

Poor

Pipe To Soil After Repairs: -0.730

Location Of New Test Lead: _____

Remarks: Please return w/o when done. (TRC)

Repaired By: Phelps, Oliver-CAN

Date: 5/15/2017

Cathodic Protection Workorder

Work Order Number: 74836A

Town: Dallas

ID: CP26512

Original Found Date: 04/25/2017

Location: 11614 FLAMINGO

Found Tech: Watkins, Carnell

Mapsheet: 2651

Mapsc0: 38D

Book: 25

Description of Work Needed:

Number of Anodes - 1;

Anodes Wt. - 32# Anode.

Additional Information:

Install 1- 32lb anode behin 11614 Flamingo 4" main under concrete.

Assigned to:

Work performed:

Insulated Bridge Hanger

Installed Test Leads

External Condition Of Metal Pipe Exposed

Installed Poly To Insulate

Curb Box

Corrosion

Coating

Insulated

Curb

None

None

Verified Poly

Valve Box

Light

Good

Installed Number of Anodes: _____

Gas Sign

Medium

Fair

Pole

Heavy

Poor

Other

Pipe To Soil After Repairs: -1.160

Location Of New Test Lead: _____

Remarks: zone up after meter insulated

Repaired By: Watkins, Carnell

Date: 5/23/2017

Cathodic Protection Workorder

Work Order Number: 75062

Town: Dallas

ID: CP26512

Original Found Date: 05/15/2017

Location: 11634 FLAMINGO

Found Tech: Watkins, Carnell

Mapsheet: 2651

Mapsc0: 38D

Book: 25

Description of Work Needed:

Insulate.

Additional Information:

Insulate meter set at 11634 Flamingo meter # 118758866

Assigned to:

Work performed:

Insulated Bridge Hanger

Installed Test Leads

Installed Poly To Insulate

Curb Box

Insulated

Curb

Verified Poly

Valve Box

Installed Number of Anodes: _____

Gas Sign

Pole

Other

External Condition Of Metal Pipe Exposed

Corrosion

Coating

None

None

Light

Good

Medium

Fair

Heavy

Poor

Pipe To Soil After Repairs: -1.150

Location Of New Test Lead: _____

Remarks: meter set insulated .zones read up

Repaired By: Barnette, Sam

Date: 5/23/2017

Cathodic Protection Workorder

Work Order Number: 74861

Town: Dallas

ID: CP36456

Original Found Date: 04/26/2017

Location: 8600 FOREST HILLS BLVD

Found Tech: Watkins, Carnell

Mapsheet: 3645

Mapsco: 37V

Book: 35

Description of Work Needed:

Number of Anodes - 1;

Anodes Wt. - 17# Anode.

Additional Information:

Install t/s and gas sign behind 8600 Forest Hills blvd. 2" main in soil

Assigned to:

Work performed:

Insulated Bridge Hanger

Installed Test Leads

Installed Poly To Insulate

Curb Box

Insulated

Curb

Verified Poly

Valve Box

Installed Number of Anodes: 1
17# Anode

Gas Sign

Pole

Other

External Condition Of Metal Pipe Exposed

Corrosion

Coating

None

None

Light

Good

Medium

Fair

Heavy

Poor

Pipe To Soil After Repairs: 0.000

Location Of New Test Lead: _____

Remarks: found 2" Poly Main

Repaired By: Phelps, Oliver-CAN

Date: 5/17/2017

Cathodic Protection Workorder

Work Order Number: 74861A

Town: Dallas

ID: CP36456

Original Found Date: 04/26/2017

Location: 8600 FOREST HILLS BLVD

Found Tech: Watkins, Carnell

Mapsheet: 3645

Mapsc0: 37V

Book: 35

Description of Work Needed:

Number of Anodes - 1;

Anodes Wt. - 17# Anode.

Additional Information:

Install t/s and gas sign behind 8600 Forest Hills blvd. 2" main in soil

Assigned to:

Work performed:

Insulated Bridge Hanger

Installed Test Leads

External Condition Of Metal Pipe Exposed

Installed Poly To Insulate

Curb Box

Corrosion

Coating

Insulated

Curb

None

None

Verified Poly

Valve Box

Light

Good

Installed Number of Anodes: _____

Gas Sign

Medium

Fair

Pole

Heavy

Poor

Other

Pipe To Soil After Repairs: -1.470

Location Of New Test Lead: _____

Remarks: steel main was found, new t/s was installed behind 8616 Forest Hills

Repaired By: Watkins, Carnell

Date: 5/23/2017

Cathodic Protection Workorder

Work Order Number: 74862

Town: Dallas

ID: CP36456

Original Found Date: 04/26/2017

Location: 8612 FOREST HILL BLVD.

Found Tech: Watkins, Carnell

Mapsheet: 3645

Mapsc0: 37V

Book: 35

Description of Work Needed:

Number of Anodes - 1;

Anodes Wt. - 17# Anode.

Additional Information:

Install anode behind 8612 Forest Hill blyd. 2" main in soil

Assigned to:

Work performed:

Insulated Bridge Hanger

Installed Test Leads

Installed Poly To Insulate

Curb Box

Insulated

Curb

Verified Poly

Valve Box

Installed Number of Anodes: _____

Gas Sign

Pole

Other

External Condition Of Metal Pipe Exposed

Corrosion

Coating

None

None

Light

Good

Medium

Fair

Heavy

Poor

Pipe To Soil After Repairs: 0.000

Location Of New Test Lead: _____

Remarks: found 2" poly main

Repaired By: Phelps, Oliver-CAN

Date: 5/17/2017

Cathodic Protection Workorder

Work Order Number: 74862A

Town: Dallas

ID: CP36456

Original Found Date: 04/26/2017

Location: 8612 FOREST HILL BLVD.

Found Tech: Watkins, Carnell

Mapsheet: 3645

Mapsco: 37V

Book: 35

Description of Work Needed:

Number of Anodes - 1;

Anodes Wt. - 17# Anode.

Additional Information:

Install anode behind 8612 Forest Hill blyd. 2" main in soil

Assigned to:

Work performed:

Insulated Bridge Hanger

Installed Test Leads

Installed Poly To Insulate

Curb Box

Insulated

Curb

Verified Poly

Valve Box

Installed Number of Anodes: _____

Gas Sign

Pole

Other

External Condition Of Metal Pipe Exposed

Corrosion

Coating

None

None

Light

Good

Medium

Fair

Heavy

Poor

Pipe To Soil After Repairs: -1.470

Location Of New Test Lead: _____

Remarks: steel main was found , new t/s is behind 8616 Forest Hills

Repaired By: Watkins, David-TJI

Date: 5/23/2017

Cathodic Protection Workorder

Work Order Number: 74863

Town: Dallas

ID: CP36456

Original Found Date: 04/26/2017

Location: 8710 FOREST HILL BLVD

Found Tech: Watkins, Carnell

Mapsheet: 3645

Mapsc0: 37V

Book: 35

Description of Work Needed:

Number of Anodes - 1;

Anodes Wt. - 17# Anode.

Additional Information:

Install anode behind 8710 Forest Hill Blvd. 2" main under concrete.

Assigned to:

Work performed:

Insulated Bridge Hanger

Installed Test Leads

Installed Poly To Insulate

Curb Box

Insulated

Curb

Verified Poly

Valve Box

Installed Number of Anodes: 1
17# Anode

Gas Sign

Pole

Other

External Condition Of Metal Pipe Exposed

Corrosion

Coating

None

None

Light

Good

Medium

Fair

Heavy

Poor

Pipe To Soil After Repairs: -1.340

Location Of New Test Lead: _____

Remarks: Please return w/o when done. (TRC)

Repaired By: Phelps, Oliver-CAN

Date: 5/17/2017

Cathodic Protection Workorder

Work Order Number: 74864

Town: Dallas

ID: CP36456

Original Found Date: 04/26/2017

Location: 8806 FOREST HILL BLVD.

Found Tech: Watkins, Carnell

Mapsheat: 3645

Mapsco: 37V

Book: 35

Description of Work Needed:

Number of Anodes - 1;

Anodes Wt. - 17# Anode.

Additional Information:

Install anode behind 8806 Forest Hill Bly. 2" main under concrete

Assigned to:

Work performed:

Insulated Bridge Hanger

Installed Test Leads

Installed Poly To Insulate

Curb Box

Insulated

Curb

Verified Poly

Valve Box

Installed Number of Anodes: 1
17# Anode

Gas Sign

Pole

Other

External Condition Of Metal Pipe Exposed

Corrosion

Coating

None

None

Light

Good

Medium

Fair

Heavy

Poor

Pipe To Soil After Repairs: -1.350

Location Of New Test Lead: _____

Remarks: Please return w/o when done. (TRC)

Repaired By: Phelps, Oliver-CAN

Date: 5/17/2017

Cathodic Protection Workorder

Work Order Number: 74865

Town: Dallas

ID: CP36456

Original Found Date: 04/26/2017

Location: 8910 FOREST HILLS BLVD.

Found Tech: Watkins, Carnell

Mapsheets: 3645

Mapsco: 37V

Book: 35

Description of Work Needed:

Number of Anodes - 1;

Anodes Wt. - 17# Anode.

Additional Information:

Install anode behind 8910 Forest hills blvd..2" main under concrete

Assigned to:

Work performed:

Insulated Bridge Hanger

Installed Test Leads

Installed Poly To Insulate

Curb Box

Insulated

Curb

Verified Poly

Valve Box

Installed Number of Anodes: 1

Gas Sign

17# Anode

Pole

Other

External Condition Of Metal Pipe Exposed

Corrosion

Coating

None

None

Light

Good

Medium

Fair

Heavy

Poor

Pipe To Soil After Repairs: -1.380

Location Of New Test Lead: _____

Remarks: Please return when done. (TRC)

Repaired By: Phelps, Oliver-CAN

Date: 5/18/2017

Cathodic Protection Workorder

Work Order Number: 74866

Town: Dallas

ID: CP36456

Original Found Date: 04/26/2017

Location: 8938 FOREST HILLS BLVD.

Found Tech: Watkins, Carnell

Mapsheet: 3645

Mapseo: 37V

Book: 35

Description of Work Needed:

Number of Anodes - 1;

Anodes Wt - 17# Anode.

Additional Information:

Install t/s and gas sign behind 8938

Assigned to:

Work performed:

- | | |
|--|---|
| <input type="checkbox"/> Insulated Bridge Hanger | <input type="checkbox"/> Installed Test Leads |
| <input type="checkbox"/> Installed Poly To Insulate | <input type="checkbox"/> Curb Box |
| <input type="checkbox"/> Insulated | <input type="checkbox"/> Curb |
| <input type="checkbox"/> Verified Poly | <input type="checkbox"/> Valve Box |
| <input checked="" type="checkbox"/> Installed Number of Anodes: <u>1</u> | <input type="checkbox"/> Gas Sign |
| 17# Anode | <input type="checkbox"/> Pole |
| | <input type="checkbox"/> Other |

External Condition Of Metal Pipe Exposed

- | <u>Corrosion</u> | <u>Coating</u> |
|--|--|
| <input checked="" type="checkbox"/> None | <input type="checkbox"/> None |
| <input type="checkbox"/> Light | <input checked="" type="checkbox"/> Good |
| <input type="checkbox"/> Medium | <input type="checkbox"/> Fair |
| <input type="checkbox"/> Heavy | <input type="checkbox"/> Poor |

Pipe To Soil After Repairs: -1.440

Location Of New Test Lead: _____

Remarks: please return w/o when done (TRC)

Repaired By: Phelps, Oliver-CAN

Date: 5/18/2017

Cathodic Protection Workorder

Work Order Number: 74854

Town: Dallas

ID: CP26544

Original Found Date: 04/26/2017

Location: 11727 ROGUE WAY

Found Tech: Watkins, Carnell

Mapsheet: 2654

Mapsc0: 38B

Book: 25

Description of Work Needed:

Number of Anodes - 1;

Anodes Wt. - 17# Anode.

Additional Information:

Install anode behind 11727 Rogue way ,3" main under concrete

Assigned to:

Work performed:

Insulated Bridge Hanger

Installed Test Leads

Installed Poly To Insulate

Curb Box

Insulated

Curb

Verified Poly

Valve Box

Installed Number of Anodes: 1
17# Anode

Gas Sign

Pole

Other

External Condition Of Metal Pipe Exposed

Corrosion

Coating

None

None

Light

Good

Medium

Fair

Heavy

Poor

Pipe To Soil After Repairs: -0.750

Location Of New Test Lead: _____

Remarks: Please return w/o when done. (TRC)

Repaired By: Phelps, Oliver-CAN

Date: 5/19/2017

Cathodic Protection Workorder

Work Order Number: 74854A

Town: Dallas

ID: CP26544

Original Found Date: 04/26/2017

Location: 11727 ROGUE WAY

Found Tech: Watkins, Carnell

Mapsheet: 2654

Mapsco: 38B

Book: 25

Description of Work Needed:

Number of Anodes - 1;

Anodes Wt. - 17# Anode.

Additional Information:

Install anode behind 11727 Rogue way ,3" main under concrete

Assigned to:

Work performed:

Insulated Bridge Hanger

Installed Test Leads

Installed Poly To Insulate

Curb Box

Insulated

Curb

Verified Poly

Valve Box

Installed Number of Anodes: _____

Gas Sign

Pole

Other

External Condition Of Metal Pipe Exposed

Corrosion

Coating

None

None

Light

Good

Medium

Fair

Heavy

Poor

Pipe To Soil After Repairs: -1.390

Location Of New Test Lead: _____

Remarks: zone up after anodes installed and meter short repaired

Repaired By: Watkins, Carnell

Date: 5/26/2017

Cathodic Protection Workorder

Work Order Number: 74857

Town: Dallas

ID: CP26544

Original Found Date: 04/26/2017

Location: 11647 ROGUE WAY

Found Tech: Watkins, Carnell

Mapsheet: 2654

Mapsco: 38B

Book: 25

Description of Work Needed:

Number of Anodes - 1;

Anodes Wt. - 17# Anode.

Additional Information:

Install anode behind 11647 Rogue Way 3" main under concrete.

Assigned to:

Work performed:

Insulated Bridge Hanger

Installed Poly To Insulate

Insulated

Verified Poly

Installed Number of Anodes: 1
17# Anode

Installed Test Leads

Curb Box

Curb

Valve Box

Gas Sign

Pole

Other

External Condition Of Metal Pipe Exposed

Corrosion

None

Light

Medium

Heavy

Coating

None

Good

Fair

Poor

Pipe To Soil After Repairs: -0.840

Location Of New Test Lead: _____

Remarks: Please return w/o when done. (TRC)

Repaired By: Phelps, Oliver-CAN

Date: 5/19/2017

Cathodic Protection Workorder

Work Order Number: 74857A

Town: Dallas

ID: CP26544

Original Found Date: 04/26/2017

Location: 11647 ROGUE WAY

Found Tech: Watkins, Carnell

Mapsheet: 2654

Mapseo: 38B

Book: 25

Description of Work Needed:

Number of Anodes - 1;

Anodes Wt. - 17# Anode.

Additional Information:

Install anode behind 11647 Rogue Way 3" main under concrete.

Assigned to:

Work performed:

Insulated Bridge Hanger

Installed Test Leads

External Condition Of Metal Pipe Exposed

Installed Poly To Insulate

Curb Box

Corrosion

Coating

Insulated

Curb

None

None

Verified Poly

Valve Box

Light

Good

Installed Number of Anodes: _____

Gas Sign

Medium

Fair

Pole

Heavy

Poor

Other

Pipe To Soil After Repairs: -1.510

Location Of New Test Lead: _____

Remarks: zone up after anodes installed and meter short repaired

Repaired By: Watkins, Carnell

Date: 5/26/2017

Cathodic Protection Workorder

Work Order Number: 74860

Town: Dallas

ID: CP26544

Original Found Date: 04/26/2017

Location: 11623 ROGUE WAY

Found Tech: Watkins, Carnell

Mapsheet: 2654

Mapsco: 38B

Book: 25

Description of Work Needed:

Number of Anodes - 1;

Anodes Wt. - 17# Anode.

Additional Information:

Install anode behind 11623 Rogue Way .3" main under concrete

Assigned to:

Work performed:

- | | |
|--|---|
| <input type="checkbox"/> Insulated Bridge Hanger | <input type="checkbox"/> Installed Test Leads |
| <input type="checkbox"/> Installed Poly To Insulate | <input type="checkbox"/> Curb Box |
| <input type="checkbox"/> Insulated | <input type="checkbox"/> Curb |
| <input type="checkbox"/> Verified Poly | <input type="checkbox"/> Valve Box |
| <input checked="" type="checkbox"/> Installed Number of Anodes: <u>1</u> | <input type="checkbox"/> Gas Sign |
| 17# Anode | <input type="checkbox"/> Pole |
| | <input type="checkbox"/> Other |

External Condition Of Metal Pipe Exposed

- | <u>Corrosion</u> | <u>Coating</u> |
|--|--|
| <input checked="" type="checkbox"/> None | <input type="checkbox"/> None |
| <input type="checkbox"/> Light | <input checked="" type="checkbox"/> Good |
| <input type="checkbox"/> Medium | <input type="checkbox"/> Fair |
| <input type="checkbox"/> Heavy | <input type="checkbox"/> Poor |

Pipe To Soil After Repairs: -0.810

Location Of New Test Lead: _____

Remarks: Please return when done. (TRC)

Repaired By: Phelps, Oliver-CAN

Date: 5/19/2017

Cathodic Protection Workorder

Work Order Number: 74860A

Town: Dallas

ID: CP26544

Original Found Date: 04/26/2017

Location: 11623 ROGUE WAY

Found Tech: Watkins, Carnell

Mapsheet: 2654

Mapsco: 38B

Book: 25

Description of Work Needed:

Number of Anodes - 1;

Anodes Wt. - 17# Anode.

Additional Information:

Install anode behind 11623 Rogue Way .3" main under concrete

Assigned to:

Work performed:

Insulated Bridge Hanger

Installed Test Leads

Installed Poly To Insulate

Curb Box

Insulated

Curb

Verified Poly

Valve Box

Installed Number of Anodes: _____

Gas Sign

Pole

Other

External Condition Of Metal Pipe Exposed

Corrosion

Coating

None

None

Light

Good

Medium

Fair

Heavy

Poor

Pipe To Soil After Repairs: -1.510

Location Of New Test Lead: _____

Remarks: zone up after anodes installed and meter set insulated

Repaired By: Watkins, Carnell

Date: 5/26/2017

Cathodic Protection Workorder

Work Order Number: 75241

Town: Dallas

ID: CP26544

Original Found Date: 05/23/2017

Location: 11610 CIMAREC

Found Tech: Watkins, Carnell

Mapsheet: 2654

Mapseo: 38B

Book: 25

Description of Work Needed:

Insulate.

Additional Information:

Please insulate Meter short at 11610 Cimarec mtr # 244713 at AF.

Assigned to:

Work performed:

Insulated Bridge Hanger

Installed Test Leads

Installed Poly To Insulate

Curb Box

Insulated

Curb

Verified Poly

Valve Box

Installed Number of Anodes: _____

Gas Sign

Pole

Other

External Condition Of Metal Pipe Exposed

Corrosion

Coating

None

None

Light

Good

Medium

Fair

Heavy

Poor

Pipe To Soil After Repairs: -1.390

Location Of New Test Lead: _____

Remarks: meter was insulated zone up

Repaired By: Barnette, Sam

Date: 5/26/2017

General Workorder

Remarks1

Work Order Number: 47237 Town: Dallas ID: 4559
Found Date: 04/18/2017 Location: 3000 Martin Luther King (Madison HS)
Found Tech: Gallaway, Eric Mapsheet: 4559 Mapsco: 46T
Priority: High Begin Station Plus: End Station Plus:
Begin Lat: End Lat: Begin Long: End Long:

Description of Work Needed:

1) Need access to meter- notify maintenance to arrange for company locking device, 2) Clear debris out of meter room, 3) Need screen installed on vent outside, 4) Need to create ventilation points in room, 5) Need Atmos sign on door

Additional Information:

Found on TRRC audit (Quad D)

Assigned to:

Work performed:

Remarks:

moved meter outside of building.

Repaired By: Phelps, Oliver-CAN **Date:** 04/30/2017

Leak Number: 562711

LEAK REPORT

Town: Dallas

Address: 3544 Stanford

Date Found: 1/7/2017

Technician: Redmond, Mike

Probable Source: Main

Gas Detected: Soil

CGI Test: 10

Meter #:

Bar Tested each direction to 0%

No migration indicated

Surface Over Leak: Concrete

Surface Over Manu: Concrete

Probable Pipe Type: Cast Iron

Temporary Repair Type:

Temp Repair Date:

Transaction Date:

Cross Reference #:

Line Locate #:

LIO #:

Grade: 2.180

Time Graded:

Assistance Requested:

Assistance Arrived:

Condition Eliminated:

Mapsheet: 2440

MapSCO: 35A

Class 4 Location: No

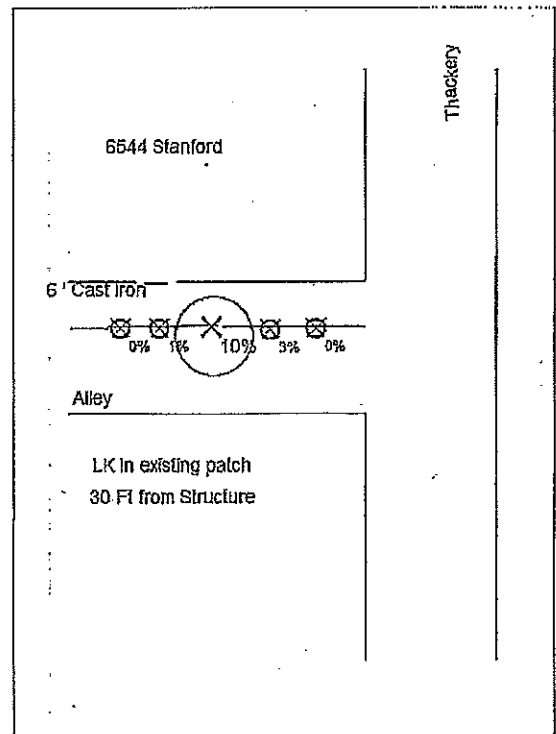
Business District: No

Dug up inlet riser: No

Lat: 32.85347959

Long: - 96.79210043

County: Dallas



Leak Repaired On: Main	External Corrosion:
Type: Joint	External Pits:
Material: Cast Iron	External Coating:
Pipe squeezed: EFC:	Min Pit Depth:
Pipe Size: 6.00	Min Length of Pit:
Pressure: L.P. oz	Internal Corrosion:
Cause of Leak: Gasket / O-rings	Technician:
Station Plus:	

CGI Test % Gas:	0
CGI Test Tech:	Rose, Michael Jr.
Soap Test:	Pass
Soap Test Tech:	Rose, Michael Jr.
Odorant Detected:	Yes
Repair Status:	Permanent
Temp Repair Type:	
Temp Repair Tech:	

Compression Coupling Information :	Manufacturer:
Model / Style:	Type:
Soil Type:	Pullout: Separated:

Anode Installed Main #:	Wt:	Test Station:
Anode Installed Service #:	Wt:	Test Station:
Anode Installed Technician:		
Test Station Station Plus:		
Pipe to soil Main:	Left:	N/A Rectified: Yes
Pipe to soil Service:	Left:	N/A Rectified: Yes
Pipe to soil Technician:		

Pressure Test of:	
Test Medium:	
Test Pressure:	psig
Test Duration:	Hours Minutes
Technician:	
Specified:	Wall Thickness Found:
Top:	Top:
Side:	Side:
Bottom:	Bottom:

Date: 05/09/2017
Leak Completed By: Rose, Michael Jr.

Main Repair: Encapsulate Bell Joint, Qty - 1
O2 Level: Greater than or equal to 19.5%
Permanent Repair Tech: Rose, Michael Jr.

Installed	Pipe Info	Removed
Size:	Size:	Size:
Feet:	Feet:	Feet:

Monitored Date	Monitored By	Change	Migration Pattern Description	Percent Gas	Leak Grade	New Leak Number
5/3/2017	Redmond, Mike	N		25	2.180	
4/4/2017	Redmond, Mike	N		7	2.180	
1/6/2017	Redmond, Mike	N		18	2.180	
1/7/2017	Redmond, Mike	N		5	2.180	

Training Sign-In Sheet

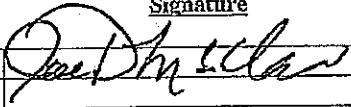
Date: 05/04/2017

Instructors: Tommy Looney/Monica Davidson

Class Name: Leak Monitoring Refresher Topic: Policy and Procedure Review

Location: Dallas Service Center OTA Code: _____

Cost Center: 4572 Start Time: 8:00AM End Time: 9:00AM

Name:(Please Print Name Ex. Smith, John) Employee ID Department			Signature	
1	Joe D McClain	14573	C&M	
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Training Sign-In Sheet

Date: 05/05/2017

Instructors: Monica Davidson

Class Name: Leak Monitoring Refresher Topic: Policy and Procedure Review

Location: Dallas Service Center OTA Code: _____

Cost Center: 4572 Start Time: 8:00AM End Time: 9:00AM

Name: (Please Print Name Ex. Smith, John) Employee ID Department Signature

	Name: (Please Print Name Ex. Smith, John)	Employee ID	Department	Signature
1	Michael Redmond	15172	C&M	<i>[Signature]</i>
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CHRISTI CRADDICK, CHAIRMAN
RYAN SITTON, COMMISSIONER
WAYNE CHRISTIAN, COMMISSIONER



STEPHANIE WEIDMAN
PHMSA PROGRAM DIRECTOR

RAILROAD COMMISSION OF TEXAS

OVERSIGHT AND SAFETY DIVISION PIPELINE SAFETY

June 22, 2017

455-21
Mr. Jeffrey S. Knights, Vice President - Technical Servi
ATMOS ENERGY CORP., MID-TEX DIVISION
P. O. Box 223705
Dallas, TX 75222-3705



Re: Pipeline Safety Evaluation
Inspection Package Number: 115347
ATMOS ENERGY/DALLAS

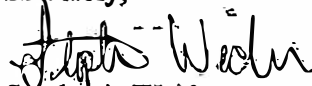
(All correspondence must include the Inspection Package Number)

Dear Mr. Jeffrey S. Knights:

We have received your letter of June 15, 2017, stating that all alleged violations found during the above-referenced inspection have been corrected. A follow-up visit to your system will be scheduled in the future to determine if your corrective actions are sufficient.

If you have any questions or need assistance, do not hesitate to contact Austin Headquarters by email at safety@rrc.texas.gov or by phone at 512-463-7058.

Sincerely,


Stephanie Weidman
PHMSA Program Director