# Memorandum

DATE May 3, 2018

<sup>TO</sup> 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,

Jon Fortune Assistant City Manager

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T.C. Broadnax, City Manager Larry Casto, City Attorney Craig D. Kinton, City Auditor Bilierae Johnson, City Secretary (Interim) Daniel F. Solis, Administrative Judge Kimberly Bizor 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

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

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 Lani

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 - CY20	018 (MDTX & APT)		
	January	February	March	April	
Week 1					
Week 2					
Week 3					
Week 4					
Wook 5					

					TRRC	Active Weeks - CY2	2017 (MDTX & AP	' <b>Т)</b>				
	January	February	March	April	May	June	July	August	September	October	November	December
Week 1												
Week 2												
Week 3												
Week 4												
Week 5												
		1										
		Not Active										
		Active										
		Not Valid										

CY20	17
Active Weeks	45
Not Active Weeks	6
% Active	87%

↓

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 if necessary.	action	taken	

Review operator's procedures for determining if exposed cast iron pipe was examined for evidence of graphitization and remedial actio
if necessary.
Review operator procedures for surveillance of cast iron pipelines, including appropriate action resulting from tracking circumferential

facilities from the dangers posed by drilling and other trench less technologies.

PHMSA

Requirement

Requirement	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	Review directional drilling/boring procedures of pipeline operator or its contractor and determine if they include actions to protect their	

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.	
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	
	Other (As Required) Reporting	
191.5/ TAC 8.210(a)(1)	Immediate Notice Reports to NRC.	
TAC 8.115	New Construction ReportRRC 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:		

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.

					S	ysten	ı Nam	ie			
	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)								$\Box$		
	SubPart E and SubPart F:										
W	Velding of Steel and Joining of Materials Other Than by Welding	0	0	0	0	0	0	0	0	0	0
	Welding of Steel in Pipelines								_		
225(b)	Welding – Procedure					└──┦	<b> </b>		⊢	<b>ب</b> ا	
227/.229	Welding – Welder qualification	$\vdash$			┝───┦	┝──┦	┝───┦		⊢−−┦	<b> </b>	
243(b)(2) 243(f)	Nondestructive testing – Nondestructive testing personner quantication					┟──┦	┟───┦		$\vdash$	$ \longrightarrow $	
243(1)	Isondestructive testing records (Tipenne Life)	I			<b></b>		<b> </b>		<u> </u>		
287	Ioining - Inspector qualifications	-				<b></b>	<b></b>		<u> </u>	, <b>—</b> ,	
283	Joining - Procedures									, — †	
285	Joining - Personnel qualifications								$ \rightarrow$	, — †	
-									$\square$	1	
Comments:											
Johnneiner.											

### **Section 2: Records Review**

-			-								
	SubPart 1: Requirements for Corrosion Control Records										
		0	0	0	0	0	0	0	0	0	0
	Maps or records showing the location of cathodically protected in service piping.										
491(a)	Maps or records showing the location of cathodic protection facilities (rectifiers/test stations).										
.491(a)	Maps or records showing the location of galvanic anodes.										
	Maps or records showing the location of bonded structures to the cathodic protection system.										
.459	Examination of buried pipe when exposed										
.465(a)	Annual pipe-to-soil monitoring (1 per yr/15 months) for short sections of main less than 100										
. 105(u)	feet and separately protected service lines (10% per year; all in 10 years)										_
.465(b)	Rectifier monitoring (6 per yr/2 <sup>1</sup> / <sub>2</sub> months)										_
.465(c)	Interference bond monitoring – Critical (6 per yr/2½ months)										
.465(c)	Interference bond monitoring – Non-critical (1 per yr/15 months)										
.465(d)	Prompt remedial actions										
.465(e)	Unprotected pipeline surveys, cathodic protection active corrosion areas (1 per 3 cal yr/39										
4(7(4)	Electrical isolation (including agaings)										_
.407(d)	Electrical isolation (including casings)										—
.469	adequacy of cathodic protection.										
.471(a)	Test lead maintenance - Record demonstrating test leads are electrically conductive										
472()	Interference currents - Record of program to minimize detrimental effects of stray currents if										
.4/3(a)	pipeline is subject to them.										
.475(a)	Internal corrosion; corrosive gas investigation										
.475(b)	Internal corrosion; internal surface inspection; pipe replacement										
.477	Internal corrosion control coupon monitoring (2 per yr/7½ months)										
.481	Atmospheric corrosion control monitoring (1 per 3 calendar yr/39 months)										
.483	Remedial: replaced or repaired pipe; coated and protected; corrosion evaluation and actions										
Comments:	•										
Comments.											
			Ι							Т	
	SubPart J: Pressure Test Records										
		0	0	0	0	0	0	0	0	0	0
507	Except for service lines and plastic pipelines, each segment of a pipeline that is to be operated at										
.507	a noop succes less than 50% Siver S and at or above 100 psi must be tested in accordance with the following:										
			1	T	-	-	1	-			
.507(a)	i ne pipeline operator must use a test procedure that will ensure discovery of all potentially										
	nazardous leaks in the segment being tested.		I	I			I				1

.507(b)	If during the test, the segment is stressed to 20% or more of SMYS and <b>natural gas, inert gas, or air is the test medium:</b>								
.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		1			1			
.507(c)	The pressure must be maintained at or above the test pressure for at least 1 hour.		1			1			
.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.		1	1		1			
.517(a)(3)	Test pressure.		1		Ī	1			
.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: Uprati	ng										
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	-9										
If the	systems evaluated have not been uprated, select NA, o	comment below and skip this section.										
SubPart K	Uprating (if applicable) Refer to Attachment-Uprati	ng tah	0	0	0	0	0	0	0	0	0	0
Subi art K	Opining (in upprovide) receive to reasonable opinin	ng tuo										
	SubPart L: Operations F	Records	0	0	0	0	0	0	0	0	0	0
.605(a)	Procedural Manual Review - Operations and mainte	enance (1 per yr/15 months)							-		-	
.605(b)(3)	Availability of construction records, maps, operating	g history to operating personnel										
.605(b)(8)	Periodic review of personnel work - effectiveness of	f normal O&M procedures										
.605(c)(4)	Periodic review of personnel work - effectiveness of	f 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 o	fficials										
	Public Awarenes	s Program										
	API KP 1162 Baseline Recomme	ended Message Deliveries										
	Stakenolder Audience	Appual		1					1		Т	
616 (a f)	I DC Customers	Twice Annual								$\vdash$	-+	
.010 (a-1)	Energency Officials	Annual								$\vdash$	-+	
	Public Officials	3 years								$\vdash$	$\dashv$	
	Excavators and Contractors	Annual								┝─┤	-+	
	One-Call Centers	As required of One-Call Center									$\neg$	
.616(g)	The program must be conducted in English and any significant number of the population in the operator	other languages commonly understood by a 's area.										
.616(h)	Effectiveness review of operator's program									┝─┤	-+	
	Operators of a master meter or petroleum gas system annually:	ns - public awareness messages 2 times		I							1	
	(1) A description of the purpose an	d reliability of the pipeline;									Π	
.616(j)	(2) An overview of the hazards of	the pipeline and prevention measures used;	1									
	(3) Information about damage prev	vention;										

	(4) How to recognize and respond to a leak; and										
	(5) How to get additional information.										
.617	Failure investigation reports (Note: Also include reported third-party damage and leak response records. NTSB B.10)										
.619/.621/ .623	.619 .621 .623 Maximum allowable operating pressure										
.625(a)	A combustible gas in a distribution line must contain a natural odorant or be odorized so that at a concentration in air of 1/5 of the lower explosive limit, the gas is readily detectable by a person with a normal sense of smell.										
	In the concentrations in which it is used, the odorant in combustible gases must comply with the following:										
(25(-)	(1) The odorant may not be deleterious to persons, materials, or pipe.										
.023(C)	(2) The products of combustion from the odorant may not be toxic when breathed nor may they be corrosive or harmful to those materials to which the products of combustion will be exposed.										
.625(d)	The odorant may not be soluble in water to an extent greater than 2.5 parts to 100 parts by weight.										
T. C. 0. 015	Odorization Reports: Injection Rates (if odorized by operator)										
1AC 8.215	Odorization Tests: odorized by operator: nte 15 months at least once each calendar year										
(a-c)	Odorization Tests: odorized by supplierquarterly tests										
TAC 8.230	School Pipe Testing/ 2 years (Documentation)										
									<b>T</b>		
	SubPart M: Maintenance Records	0	0	0	0	0	0	0	0	0	0
.721(b)(1)	SubPart M: Maintenance Records Patrolling business district (4 per yr/4½ months)	0	0	0	0	0	0	0	0	0	0
.721(b)(1) .721(b)(2)	SubPart M: Maintenance Records         Patrolling business district (4 per yr/4½ months)         Patrolling outside business district (2 per yr/7½ months)	0	0	0	0	0	0	0	0	0	0
.721(b)(1) .721(b)(2) .723(b)(1)	SubPart M: Maintenance Records         Patrolling business district (4 per yr/4½ months)         Patrolling outside business district (2 per yr/7½ months)         Leakage survey – business district (1 per yr/15 months)	0	0	0	0	0	0	0	0	0	0
.721(b)(1) .721(b)(2) .723(b)(1)	SubPart M: Maintenance Records         Patrolling business district (4 per yr/4½ months)         Patrolling outside business district (2 per yr/7½ months)         Leakage survey – business district (1 per yr/15 months)         Leakage survey – Outside business district (5 years)	0	0	0	0	0	0	0	0	0	0
.721(b)(1) .721(b)(2) .723(b)(1) .723(b)(2)	Patrolling business district (4 per yr/4½ months)         Patrolling outside business district (2 per yr/7½ months)         Leakage survey – business district (1 per yr/15 months)         Leakage survey – Outside business district (5 years)         Leakage survey – Cathodically unprotected distribution lines (3 years)	0	0	0	0	0	0	0	0	0	0
.721(b)(1) .721(b)(2) .723(b)(1) .723(b)(2) TAC 8.206	Patrolling business district (4 per yr/4½ months)         Patrolling outside business district (2 per yr/7½ months)         Leakage survey – business district (1 per yr/15 months)         Leakage survey – Outside business district (5 years)         Leakage survey – Cathodically unprotected distribution lines (3 years)         Is the operator following its TAC 8.206 required Leak Survey Program.	0	0	0 0	0	0	0	0	0	0	0
.721(b)(1) .721(b)(2) .723(b)(1) .723(b)(2) TAC 8.206 .725	Patrolling business district (4 per yr/4½ months)         Patrolling outside business district (2 per yr/7½ months)         Leakage survey – business district (1 per yr/15 months)         Leakage survey – Outside business district (5 years)         Leakage survey – Cathodically unprotected distribution lines (3 years)         Is the operator following its TAC 8.206 required Leak Survey Program.         Tests for reinstating service lines	0	0	0	0	0	0	0	0	0	0
.721(b)(1) .721(b)(2) .723(b)(1) .723(b)(2) TAC 8.206 .725 .727	SubPart M: Maintenance Records         Patrolling business district (4 per yr/4½ months)         Patrolling outside business district (2 per yr/7½ months)         Leakage survey – business district (1 per yr/15 months)         Leakage survey – Outside business district (5 years)         Leakage survey – Cathodically unprotected distribution lines (3 years)         Is the operator following its TAC 8.206 required Leak Survey Program.         Tests for reinstating service lines         Abandoned pipelines; underwater facility reports	0	0	0	0	0	0	0	0	0	0
.721(b)(1) .721(b)(2) .723(b)(1) .723(b)(2) TAC 8.206 .725 .727 .739	SubPart M: Maintenance Records         Patrolling business district (4 per yr/4½ months)         Patrolling outside business district (2 per yr/7½ months)         Leakage survey – business district (1 per yr/15 months)         Leakage survey – Outside business district (5 years)         Leakage survey – Cathodically unprotected distribution lines (3 years)         Is the operator following its TAC 8.206 required Leak Survey Program.         Tests for reinstating service lines         Abandoned pipelines; underwater facility reports         Pressure limiting and regulating stations (1 per yr/15 months)	0	0	0	0	0	0	0	0	0	0
.721(b)(1) .721(b)(2) .723(b)(1) .723(b)(2) TAC 8.206 .725 .727 .739 .741(a)	Patrolling business district (4 per yr/4½ months)         Patrolling outside business district (2 per yr/7½ months)         Leakage survey – business district (1 per yr/15 months)         Leakage survey – outside business district (5 years)         Leakage survey – Cathodically unprotected distribution lines (3 years)         Is the operator following its TAC 8.206 required Leak Survey Program.         Tests for reinstating service lines         Abandoned pipelines; underwater facility reports         Pressure limiting and regulating stations (1 per yr/15 months)         Pressure limiting/regulating stations: Telemetering/recording gauges. Each distribution system supplied by more than one DRS must be equipped with telemetering/recording pressure gages to indicate gas pressure in the district.	0	0	0	0		0	0	0	0	
.721(b)(1) .721(b)(2) .723(b)(1) .723(b)(2) TAC 8.206 .725 .727 .739 .741(a) .741(b)	Patrolling business district (4 per yr/4½ months)         Patrolling outside business district (2 per yr/7½ months)         Leakage survey – business district (1 per yr/15 months)         Leakage survey – Outside business district (5 years)         Leakage survey – Cathodically unprotected distribution lines (3 years)         Is the operator following its TAC 8.206 required Leak Survey Program.         Tests for reinstating service lines         Abandoned pipelines; underwater facility reports         Pressure limiting/regulating stations: Telemetering/recording gauges. Each distribution system supplied by more than one DRS must be equipped with telemetering/recording pressure gages to indicate gas pressure in the district.         On distribution systems supplied by a single pressure regulating station, the operator shall determine the necessity of installing telemetering or recording gages in the district, taking into consideration the number of customers supplied, the operating pressures, the capacity of the installation, and other operating conditions.							0		0	
.721(b)(1) .721(b)(2) .723(b)(1) .723(b)(2) TAC 8.206 .725 .727 .739 .741(a) .741(b) .741(c)	SubPart M: Maintenance Records         Patrolling business district (4 per yr/4½ months)         Patrolling outside business district (2 per yr/7½ months)         Leakage survey – business district (1 per yr/15 months)         Leakage survey – Outside business district (5 years)         Leakage survey – Cathodically unprotected distribution lines (3 years)         Is the operator following its TAC 8.206 required Leak Survey Program.         Tests for reinstating service lines         Abandoned pipelines; underwater facility reports         Pressure limiting and regulating stations: Telemetering/recording gauges. Each distribution system supplied by more than one DRS must be equipped with telemetering/recording pressure gages to indicate gas pressure in the district.         On distribution systems supplied by a single pressure regulating station, the operator shall determine the necessity of installing telemetering or recording gages in the district, taking into consideration the number of customers supplied, the operating pressures, the capacity of the installation, and other operating conditions.         If there are indications of abnormally high- or low-pressure, the regulator and the auxiliary equipment must be inspected and the necessary measures employed to correct any unsatisfactory operating conditions.										

.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:											
	SubPart N: Qualification of Pipeline Personnel Records OQ Records. Qualification records shall include: (1) Identification of qualified individual(s);	0	0	0	0	0	0	0	0	0	0
.807(a)(1-5)	(2) Identification of the covered tasks the individual is qualified to perform;										
	(3) Date(s) of current qualification; and										
	(4) Qualification method(s).										
	STOP!!!! DID YOU CHECK THE COMPANY CONTA Is the company contact a VP or higher? If one or both are incorrect, fill out database change form a	CT ]	IN P	ES?? h to l	?? PES						
If the s	Records: Cast Iron ystems evaluated do not contain cast iron, select NA, comment below and skip this section	0	0	0	0	0	0	0	0	0	0
.755	Caulked bell and spigot joint repair	1-						-		_	-
Comments:											

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.

			•	S	ysten	ı Nan	ne			
Field Inspection										
Subrart B & D – Materials and Design of Pipeline Components Except as provided in personnel (d) of this section, each value, fitting, length of ning, and	0	0	0	0	0	0	0	0	0	0
other component must be marked										
(1) As prescribed in the specification or standard to which it was manufactured, except that thermoplastic fittings must be marked in accordance with ASTM D2513-87										
(2) To indicate size, material, manufacturer, pressure rating, and temperature rating, and as appropriate, type, grade, and model.										
Surfaces of pipe and components that are subject to stress from internal pressure may not be field die stamped.										
If any item is marked by die stamping, the die must have blunt or rounded edges that will minimize stress concentration										
Each high-pressure distribution system must have valves spaced so as to reduce the time to shut down a section of main in an emergency. The valve spacing is determined by the operating pressure, the size of the mains, and the local physical conditions.										
Each regulator station controlling the flow or pressure of gas in a distribution system must have a valve installed on the inlet piping at a distance from the regulator station sufficient to permit the operation of the valve during an emergency that might preclude access to the station.										
Each valve on a main installed for operating or emergency purposes must comply with the following:		-			-	-				
(1) The valve must be placed in a readily accessible location so as to facilitate its operation in an emergency.										
(2) The operating stem or mechanism must be readily accessible.										
(3) If the valve is installed in a buried box or enclosure, the box or enclosure must be installed so as to avoid transmitting external loads to the main.										
	Field Inspection           Subsect 5.4 C.5 - Matterials and Design of Pipeline Component           Except as provided in paragraph (d) of this section, each valve, fitting, length of pipe, and other component must be marked.           (1) As prescribed in the specification or standard to which it was manufactured, except in themplastic fittings must be marked in accordance with ASTM D2513-87           (2) To indicate size, material, manufacturer, pressure rating, and temperature rating, and as appropriate, type, grade, and model.           Brafaces of pipe and components that are subject to stress from internal pressure may not be field die stamped.           If any item is marked by die stamping, the die must have blunt or rounded edges that will minimize stress concentration           Brach regulator station controlling the flow or pressure of gas in a distribution system must have valves spaced so as to reduce the time to shut down is usettion of the ind to piping at a distance from the regulator station sufficient to peraiting pressure, the size of the mains, and the local physical conditions.           Each regulator station controlling the flow or pressure of gas in a distribution system must have valve spacing is determined by the operation of the valve during an emergency that might preclude access to the station.           Each regulator station controlling the flow or pressure of gas in a distribution system must have valve spacing is determined by the foldowing:           (1) The valve must be placed in a readily accessible location so as to facilitate its inoxinom in an emergency.           (2) The valve must be placed in a readily accessible location so as to facilitate its installed so as to av	Field Inspection         SubPart B & D - Materials and Design of Pipeline Components         Except as provided in paragraph (d) of this section, each valve, fitting, length of pipe, and other component must be marked.         (a) To indicate size, material, manufacturer, pressure rating, and temperature rating, and sappropriate, type, grade, and model.         Surfaces of pipe and components that are subject to stress from internal pressure may not be field die stamped.         If any item is marked by die stamping, the die must have blunt or rounded edges that will minimize stress concentration         Bach high-pressure distribution system must have valves spaced so as to reduce the time to by operating pressure, the size of the mains, and the local physical condition.         Bach high-pressure distribution system must have valves spaced so as to reduce the time to by operating pressure of the mains, and the local physical condition.         Bach negulator station controlling the flow or pressure of gas in a distribution system must have valve spacing is determined.         Bach valve installed on the inlet piping at a distance from the regulator station sufficient to perating or emergency. The valve spacing is distribution system must have valve spacing is a distribution system must have a valve installed on the inlet piping at a distance from the regulator station controlling the flow op ressure of gas in a distribution system must have a valve installed on the inlet piping at a distance from the regulator station controlling the flow op ressure of gas in a distribution system must have a valve installed on the inlet piping at distance from the regulator station controlling the flow operating or encencence.         (b)	Field Inspection         Image: Comparison of Pipeline Components           SubPart B & D - Materials and Design of Pipeline Components         Image: Comparison of Pipeline Components           Image: Comparison of the specification or standard to which it was manufactured, except that thermoplastic fittings must be marked in accordance with ASTM D2513-87         Image: Comparison of Pipeline Components           Image: Comparison of Pipeline Components         Image: Comparison of Component must be marked in accordance with ASTM D2513-87         Image: Comparison of Components           Image: Comparison of Pipeline Components         Image: Comparison of Components         Image: Comparison of Comparison of Comparison of Comparison of Comparison of Comparison of Pipeline Components         Image: Comparison of	Field Inspection         SubPart B & D - Materials and Design of Pipeline Components         Except as provided in paragraph (d) of this section, each valve, fitting, length of pipe, and other component must be marked.         (1) As prescribed in the specification or standard to which it was manufactured, except that thermoplastic fittings must be marked in accordance with ASTM D2513-87       I         (2) To indicate size, material, manufacturer, pressure rating, and temperature rating, and as appropriate, type, grade, and model.       I         If any item is marked by die stamping, the die must have blunt or rounded edges that will minimize stress concentration       I       I         If any item is marked by die stamping, the die must have valves spaced so as to reduce the time to shut dwn a section of min in an emergency. The valve spacing is determined by the operating pressure, the size of the mains, and the local physical conditions.       I       I         Each regulator station controlling the flow or pressure of gas in a distribution system must have avlave spaced so as to reduce the time to shut dwn a suction of main in an emergency. The valve spacing is determined by the operating pressure, the size of the mains, and the local physical conditions.       I       I       I         Each regulator station controlling the flow or pressure of gas in a distribution system must have avlave on a main installed for operating or emergency that might preclude access to the status.       I       I       I         If any item is the placed in a readily accessible location so as to facilitate is emeration in an emergency.       I	Field Inspection       Image: Component must be marked in accordance with ASTM D2S13-87       Image: Component must be marked in accordance with ASTM D2S13-87         Image: Component must be marked in accordance with ASTM D2S13-87       Image: Component must be marked in accordance with ASTM D2S13-87       Image: Component must be marked in accordance with ASTM D2S13-87         Image: Component must be marked in accordance with ASTM D2S13-87       Image: Component must be marked in accordance with ASTM D2S13-87       Image: Component must be marked in accordance with ASTM D2S13-87         Image: Component must be marked in accordance with ASTM D2S13-87       Image: Component must be marked in accordance with ASTM D2S13-87       Image: Component must be marked in accordance with ASTM D2S13-87         Image: Component must be marked in accordance with ASTM D2S13-87       Image: Component must be marked in accordance with ASTM D2S13-87       Image: Component must be marked in accordance with ASTM D2S13-87         Image: Component must be marked in accordance with ASTM D2S13-87       Image: Component must be marked in accordance with ASTM D2S13-87       Image: Component Market Market Market M2S13-87         Image: Component Market Market M2S1       Image: Component M2       Image: Component M2       Image: Component M2         Image: Component M2       Image: Component M2       Image: Component M2       Image: Component M2       Image: Component M2         Image: Component M2       Image: Component M2       Image: Component M2       Image: Component M2       Image: Component M	Field Inspection       Image: SubPart B & D - Materials and Design of Pipeline Components       Image: SubPart B & D - Materials and Design of Pipeline Components         Except as provided in paragraph (d) of this section, each valve, fitting, length of pipe, and other component must be marked.       Image: SubPart B & D - Materials and Design of Pipeline Components         () A sprescribed in the specification or standard to which it was manufactured, except that thermoplastic fittings must be marked in accordance with ASTM D2513.87       Image: SubPart B & D - Materials and Design of Pipeline Components         () To indicate size, material, manufacturer, pressure rating, and temperature rating, and sappropriae (ype, grade, and model.       Image: SubPart B & D - Materials and Design of Pipeline Components       Image: SubPart B & D - Materials and Design of Pipeline Components       Image: SubPart B & D - Materials and Design of Pipeline Components       Image: SubPart B & D - Materials and Design of Pipeline Components       Image: SubPart B & D - Materials and Design of Pipeline Components       Image: SubPart B & D - Materials and Design of Pipeline Components       Image: SubPart B & D - Materials       Image: SubPart B & D -	Field Inspection         Image: State in the state	Field Inspection	Field Inspection         System Name           SubPart & & D - Materials and Design of Pipeline Components         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0<	System S

### **Section 3: Field Inspection**

	Field Inspection										
S	ubPart HCustomer Meters, Service Regulators, and Service Lines	0				0	_	0	(		
.353(a)	Customer Meters and Regulators: Location. Meter and Service Regulator installed in accessible location and protected from corrosion and other damage										
.353(b)	Each Service Regulator installed within a building must be located as near as practical to the point of service line entrance.										
.353(c)	Each meter installed within a building must be located in a ventilated place and not less than 3 ft from any source of ignition/source of heat which might damage the meter.										
.353(d)	Where feasible, the upstream regulator in a series must be located outside the building unless it is located in a separate metering or regulating building.										
.355(a)	Customer meters and regulators: Protection from damage. If customer's equipment might create a vacuum/ back pressure, device must be installed to protect the system.										
	Service regulator vents and relief vents. Service regulator vents and relief vents must terminate outdoors, and the outdoor terminal must:							•			
355(b)	(1) Be rain and insect resistant;										
.555(0)	(2) Be located at a place where gas from the vent can escape freely into the atmosphere and away from any opening into the building; and,										
	(3) Be protected from damage caused by submergence where flooding may occur.										
.355(c)	Pits and vaults. Each pit or vault that houses a customer meter or regulator at a place where vehicular traffic is anticipated, must be able to support that traffic.										
.357(a)	<b>Customer meters and regulators: Installation.</b> Each meter and each regulator must be installed so as to minimize anticipated stresses upon the connecting piping and the meter.										
.357(b)	When close all-thread nipples are used, the wall thickness remaining after the threads are cut must meet the minimum wall thickness requirements of this part.										
.357(c)	Connections made of lead or other easily damaged material may not be used in the installation of meters or regulators.										
.357(d)	Each regulator that might release gas in its operation must be vented to the outside atmosphere.										
.359(a)	<b>Customer meter installations: Operating pressure.</b> A meter may not be used at a pressure that is more than 67 percent of the manufacturer's shell test pressure.										
.359(b)	Each newly installed meter manufactured after November 12, 1970, must have been tested to a minimum of 10 psig										
.359(c)	A rebuilt or repaired tinned steel case meter may not be used at a pressure that is more than 50 percent of the pressure used to test the meter after rebuilding or repairing.										
.361(a)	Service Lines: Installation. Each buried service line must be installed with at least 12 in. of cover in private property and at least 18 in. of cover in streets and roads. However, where an underground structure prevents installation at those depths, the service line must be able to withstand any anticipated external load.										
.361(b)	Support and backfill. Each service line must be properly supported on undisturbed or well- compacted soil, and material used for backfill must be free of materials that could damage the pipe or its coating.										
.361(c)	Grading for drainage. Where condensate in the gas might cause interruption in the gas supply to the customer, the service line must be graded so as to drain into the main or into drips at the low points in the service line.										
.361(d)	Protection against piping strain and external loading. Each service line must be installed so as to minimize anticipated piping strain and external loading.										
	Installation of service lines into buildings. Each underground service line installed below grade through the outer foundation wall of a building must:				- <u> </u>						
.361(e)	(1) In the case of a metal service line, be protected against corrosion;		<u> </u>		<u> </u>					⊢	$\square$
	(2) In the case of a plastic service line, be protected from shearing action and backfill settlement; and										
	(3) Be sealed at the foundation wall to prevent leakage into the building.		L		I						

	Installation of service lines under buildings. Where an underground service line is installed under a building:							
	(1) It must be encased in a gas-tight conduit;			1	Г	1		
.361(f)	(2) The conduit and the service line must, if the service line supplies the building it underlies, extend into a normally usable and accessible part of the building; and,							
	(3) The space between the conduit and the service line must be sealed to prevent gas leakage into the building and, if the conduit is sealed at both ends, a vent line from the annular space must extend to a point where gas would not be a hazard, and extend above grade, terminating in a rain and insect resistant fitting.							
.361(g)	Locating. Each underground nonmetallic service line that is not encased must have a means of locating the pipe that complies with §192.321(e).							
.363(a)	Service Lines Valve Requirements: Each service line must have a service-line valve meeting the applicable requirements of Subparts B and D of this part. A valve in a meter bar, that allows the meter to be bypassed, may not be used as a service-line valve.							
.363(b)	A soft seat service line valve may not be used if its ability to control the flow of gas could be adversely affected by exposure to anticipated heat.							
.363(c)	Each service-line valve on a high-pressure service line, installed aboveground or in an area where the blowing of gas would be hazardous, must be designed and constructed to minimize the possibility of the removal of the core of the valve with other than specialized tools.							
.365(a)	Service lines: Location of valves. Relation to regulator or meter. Each service-line valve must be installed upstream of regulator or, if no regulator, upstream of the meter.							
.365(b)	Outside valves. Each service line must have a shutoff valve in a readily accessible location that, if feasible, is outside of the building.							
.365(c)	Underground valves. Each underground service-line valve must be located in a covered durable curb box or standpipe that allows ready operation of the valve and is supported independently of the service lines.							
.367(a)	Service lines: General requirements for connections to main. Location. Each service line connection to a main must be located at the top of the main or, if not practical, at the side of the main, unless a suitable protective device is installed to min. the possibility of dust/moisture being carried from the main to the service line.							
	Compression-type connection to main. Each compression-type service line to main connection must:		-		-	-		
.367(b)	(1) Be designed and installed to effectively sustain the longitudinal pullout or thrust forces caused by contraction or expansion of the piping, or by anticipated external or internal loading; and							
	(2) If gaskets are used in connecting the service line to the main connection fitting, have gaskets that are compatible with the kind of gas in the system.							
.371	<b>Service lines: Steel.</b> Each steel service line to be operated at less than 100 psig must be constructed of pipe designed for a minimum of 100 psig.							
375(a)	Service lines: Plastic. Each plastic service line outside a building must be installed below ground level, except that -							
.575(u)	(1) It may be installed in accordance with 192.321(g) (plastic pipe above ground temporarily) .; and							
	(2) A plastic service line may terminate above ground level and outside the building, if-							
.375(a)(2)	<ul> <li>(i) The above ground level part of the plastic service line is protected against deterioration and external damage; and</li> </ul>							
375(h)	(11) The plastic service line is not used to support external loads.	 	 	-	-			
.379	New service lines not in use. Each service line that is not placed in service upon completion of installation must comply with one of the following until the customer is supplied with gas:		1		<u> </u>	<u> </u>		
.379(a)	The valve that is closed to prevent the flow of gas to the customer must be provided with a locking device or other means designed to prevent the opening of the valve by persons other than those authorized by the operator.							
.379(b)	A mechanical device or fitting that will prevent the flow of gas must be installed in the service line or in the meter assembly.							

.379(c)	The customer's piping must be physically disconnected from the gas supply and the open pipe ends sealed.										
.381(c)	<b>Excess Flow Valves (EFV):</b> An operator must mark or otherwise identify the presence of an EFV on the service line.										
.381(d)	An operator shall locate an EFV as near as practical to the fitting connecting the service line to its source of gas supply.										
.381(e)	An operator should not install an EFV on a service line where the operator has prior experience with contaminants in the gas stream, where these contaminants could be expected to cause the EFV to malfunction or where the EFV would interfere with necessary O&M activities on the service, such as blowing liquids from the line.										
Comments:											
	Field Inspection										
	SubPart I – Corrosion Control	0	0	0	0	0	0	0	0	0	0
.461(d)	Each external protective coating must be protected from damage resulting from adverse ditch conditions or damage from supporting blocks.										
.463(a)	<b>External corrosion control: Cathodic protection.</b> Each cathodic protection system required by this subpart must provide a level of cathodic protection that complies with one or more of the applicable criteria contained in Appendix D of this part.										
	If amphoteric metals are included in a buried or submerged pipeline containing a metal of different anodic potential-			•		•	•	•	•		
.463(b)	(1) The amphoteric metals must be electrically isolated from the remainder of the pipeline and cathodically protected; or										
	(2) The entire buried or submerged pipeline must be cathodically protected at a cathodic potential that meets the requirements of Appendix D of this part for amphoteric metals.										
.463(c)	The amount of cathodic protection must be controlled so as not to damage the protective coating or the pipe.										
.465	External corrosion control: Monitoring. Check Rectifiers to see they are operating										
.467(a)	<b>External corrosion control: Electrical isolation.</b> Each buried/submerged pipeline must be electrically isolated from other underground metallic structures, unless the pipeline and other structures are electrically interconnected and cathodically protected as a single unit.										
.467(b)	One or more insulating devices must be installed where electrical isolation of a portion of a pipeline is necessary to facilitate the application of corrosion control.										
.467(c)	Each pipeline must be electrically isolated from metallic casings that are a part of the underground system. However, if isolation is not achieved because it is impractical, other measures must be taken to minimize corrosion of the pipeline inside the casing.										
.467(e)	An insulating device may not be installed in an area where a combustible atmosphere is anticipated unless precautions are taken to prevent arcing.										
.467(f)	If pipeline is located in close proximity to electrical transmission tower footings, ground cables or counterpoise, or in other areas where fault currents or unusual risk of lightning may be anticipated, it must be provided with protection against damage due to fault currents or lightning, and protective measures must also be taken at insulating devices.										

469											
.+07	<b>External corrosion control: Test stations.</b> Each pipeline under cathodic protection required by this subpart must have sufficient test stations or other contact points for electrical measurement to determine the adequacy of cathodic protection.										
.471(a)	<b>External corrosion control:</b> Test leads. Each test lead wire must be connected to the pipeline so as to remain mechanically secure and electrically conductive.										
.473(a)	<b>External corrosion control: Interference currents.</b> Each operator whose pipeline system is subjected to stray currents shall have in effect a continuing program to minimize the detrimental effects of such currents.										
.473(b)	Each impressed current type cathodic protection system or galvanic anode system must be designed and installed so as to minimize any adverse effects on existing adjacent underground metallic structures.										
.475(a)	<b>Internal corrosion control:</b> General. Corrosive gas may not be transported by pipeline, unless the corrosive effect of the gas on the pipeline has been investigated and steps have been taken to minimize internal corrosion.										
.477	<b>Internal corrosion control: Monitoring</b> . If corrosive gas is being transported, coupons or other suitable means must be used to determine the effectiveness of the steps taken to minimize internal corrosion.										
.479(a)	Atmospheric corrosion control. Each operator must clean and coat each pipeline/ portion of pipeline that is exposed to the atmosphere.										
.479(b)	Coating material must be suitable for the prevention of atmospheric corrosion.										
.487(a)	<b>Remedial Measures.</b> Each segment of generally corroded distribution line pipe with a remaining wall thickness less than that required for the MAOP of the pipeline, or a remaining wall thickness less than 30% of the nominal wall thickness, must be replaced. However, corroded pipe may be repaired by a method that reliable engineering tests and analyses show can permanently restore the serviceability of the pipe.										
.487(b)	Localized corrosion pitting. Each segment of distribution line pipe with localized corrosion pitting to a degree where leakage might result must be replaced or repaired.										
	Field Inspection SubPart L – Operations	0	0	0	0	0	0	0	0	0	0
.625(a)	Field Inspection         SubPart L – Operations         A combustible gas in a distribution line must contain a natural odorant or be odorized so that at a concentration in air of 1/5 of the lower explosive limit, the gas is readily detectable by a person with a normal sense of smell.	0	0	0	0	0	0	0	0	0	0
.625(a) .625(e)	Field Inspection         SubPart L – Operations         A combustible gas in a distribution line must contain a natural odorant or be odorized so that at a concentration in air of 1/5 of the lower explosive limit, the gas is readily detectable by a person with a normal sense of smell.         Equipment for odorization must introduce the odorant without wide variations in the level of odorant	0	0	0	0	0	0	0	0	0	0
.625(a) .625(e) .629(a)	Field Inspection         SubPart L – Operations         A combustible gas in a distribution line must contain a natural odorant or be odorized so that at a concentration in air of 1/5 of the lower explosive limit, the gas is readily detectable by a person with a normal sense of smell.         Equipment for odorization must introduce the odorant without wide variations in the level of odorant         Purging of pipelines. When a pipeline is being purged of air by use of gas, the gas must be released into one end of the line in a moderately rapid and continuous flow. If gas cannot be supplied in sufficient quantity to prevent the formation of a hazardous mixture of gas and air, a slug of inert gas must be released into the line before the gas.	0	0	0	0	0	0	0	0	0	0

	Field Inspection SubPart M – Maintenance	0	0	0	0	0	0	0	0	0	0
	Buried pipelines. Except as provided in paragraph (b) of this section, a line marker must be placed and maintained as close as practical over each buried main.										
.707(a)	(1) At each crossing of a public road and railroad; and										
	(2) wherever necessary to identify the location of the main to reduce the possibility of damage or interference.										
.707(c)	Pipelines above ground. Line markers must be placed and maintained along each section of a main that is located above ground in an area accessible to the public.										
	Marker warning. The following must be written legibly on a background of sharply contrasting color on each line marker:			<u> </u>		<u> </u>	<u> </u>		1		
.707(d)	(1) The word "Warning," "Caution," or "Danger" followed by the words "Gas (or name of gas transported) Pipeline" all of which, except for markers in heavily developed urban areas, must be in letters at least 1 inch high with ¼ inch stroke.										
	(2) The name of the operator and telephone number (including area code) where the operator can be reached at all times.										
	Pressure limiting stations, relief devices (except rupture discs), and pressure regulating stations inspected to determine:			-		-	-				
	<ul><li>(1) In good mechanical condition;</li><li>(2) Adequate from the standpoint of capacity and reliability of operation for the service in</li></ul>									_	
.739(a)	which it is employed;										
	(3) Except as provided in paragraph (b) of this section, set to control or relieve at the correct pressure consistent with the pressure limits of §192.201(a); and										
	(4) Properly installed and protected from dirt, liquids, or other conditions that might prevent proper operation.										
.747(b)	Each operator must take prompt remedial action to correct any valve found inoperable, unless the operator designates an alternative valve.										
.749(a)	Each vault housing pressure regulating and pressure limiting equipment, and having a volumetric internal content of 200 cu. ft or more, must be inspected to determine that it is in good physical condition and adequately ventilated.										
.749(b)	If gas is found in the vault, the equipment in the vault must be inspected for leaks, and any leaks found must be repaired.										
.749(c)	The ventilating equipment must also be inspected to determine that it is functioning properly.										
.749(d)	Each vault cover must be inspected to assure that it does not present a hazard to public safety.										
	Each operator shall take steps to minimize the danger of accidental ignition of gas in any structure or area where the presence of gas constitutes a hazard of fire or explosion, including the following:										
.751	(a) When a hazardous amount of gas is being vented into open air, each potential source of ignition must be removed from the area and a fire extinguisher must be provided.										

Comments:

	(b) Gas or electric welding or cutting may not be performed on pipe or on pipe components that contain a combustible mixture of gas and air in the area of work.										
	(c) Post warning signs, where appropriate.										
Comments:											
	STOP!!!! DID YOU CHECK THE COMPANY CONTA	ACT	IN I	PES?	??						
	Is the company contact a VP or higher? If one or both are incorrect, fill out database change form	and	atta	ch to	PES	5					
	Field Inspection										
	Cast Iron and Copper										
If the system	is evaluated do not contain cast iron or copper, select NA, comment below and skip this section	0	0	0	0	0	0	0	0	0	0
	SubPart H - Customer Meters, Service Regulators, and Service Lines			-	-				-		
.369(a)	Each service line connected to a cast iron or ductile iron main must be connected by a mechanical clamp, by drilling and tapping the main, or by another method meeting the requirements of §192.273.										
.369(b)	If a threaded tap is being inserted, the requirements of §192.151(b) and (c) must also be met.										
.373(a)	Cast or ductile iron pipe less than 6 inches (152 millimeters) in diameter may not be installed for service lines.										
.373(b)	If cast iron pipe or ductile iron pipe is installed for use as a service line, the part of the service line which extends through the building wall must be of steel pipe.										
.373(c)	A cast iron or ductile iron service line may not be installed in unstable soil or under a building.										
.377	Service lines: Copper. Each copper service line installed within a building must be protected against external damage.										
	SubPart I - Requirements for Corrosion Control		1	1	1	1	T	r	r		
.489(a)	General graphitization. Each segment of cast iron or ductile iron pipe on which general graphitization is found to a degree where a fracture or any leakage might result, must be replaced.										
.489(b)	Localized graphitization. Each segment of cast iron or ductile iron pipe on which localized graphitization is found to a degree where any leakage might result, must be replaced or repaired, or sealed by internal sealing methods adequate to prevent or arrest any leakage.										
	SubPart M - Maintenance										
	Each cast iron caulked bell and spigot joint that is subject to pressures of more than 25 psi (172kPa) gage must be sealed with:										
	(2) A material or device which:									┝──┦	
.753(a)	<ul> <li>(i) Does not reduce the flexibility of the joint;</li> <li>(ii) Permanently honds, either chemically or machanically, or both, with the ball and</li> </ul>										
	(ii) remnanently bonds, entrer chemically or mechanically, or both, with the bell and spigot metal surfaces or adjacent pipe metal surfaces; and,										
	(11) Seals and bonds in a manner that meets the strength, environmental, and chemical compatibility requirements of §§192.53 (a) and (b) and 192.143.										

is exposed for any reason must be seared by a means other man cauking.										
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;		1					1			
(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.										
	<ul> <li>When an operator has knowledge that the support for a segment of a buried cast-iron pipeline is disturbed:</li> <li>(a) That segment of the pipeline must be protected, as necessary, against damage during the disturbance by: <ul> <li>(1) Vibrations from heavy construction equipment, trains, trucks, buses, or blasting;</li> <li>(2) Impact forces by vehicles;</li> <li>(3) Earth movement;</li> <li>(4) Apparent future excavations near the pipeline; or</li> <li>(5) Other foreseeable outside forces which may subject that segment of the pipeline to bending stress.</li> </ul> </li> </ul>	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.	When an operator has knowledge that the support for a segment of a buried cast-iron pipeline is disturbed:       Image: Cast-iron pipeline is disturbed:         (a) That segment of the pipeline must be protected, as necessary, against damage during the disturbance by:       Image: Cast-iron pipeline is cast-iron pipelin	When an operator has knowledge that the support for a segment of a buried cast-iron pipeline is disturbed:       Image: Construction provide 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:       Image: Construction equipment, trains, trucks, buses, or blasting;         (1) Vibrations from heavy construction equipment, trains, trucks, buses, or blasting;       Image: Construction equipment, trains, trucks, buses, or blasting;         (2) Impact forces by vehicles;       Image: Construction equipment, trains, trucks, buses, or blasting;       Image: Construction equipment, trains, trucks, buses, or blasting;         (3) Earth movement;       Image: Construction equipment, trains, trucks, buses, or blasting;       Image: Construction equipment, trains, trucks, buses, or blasting;       Image: Construction equipment, trains, trucks, buses, or blasting;         (4) Apparent future excavations near the pipeline; or       Image: Construction equipment, trains, trucks, buses, or blasting;       Image: Construction equipment, trains, trucks, buses, or blasting;         (5) Other foreseeable outside forces which may subject that segment of the pipeline to bending stress.       Image: Construction equipment, trains, trucks, buses, or blasting;       Image: Construction equipment, trains, trucks, buses, or blasting;	When an operator has knowledge that the support for a segment of a buried cast-iron pipeline is disturbed:       Image: Construction provide the pipeline must be protected, as necessary, against damage during the disturbance by:         (1) Vibrations from heavy construction equipment, trains, trucks, buses, or blasting;       Image: Construction equipment, trains, trucks, buses, or blasting;         (2) Impact forces by vehicles;       Image: Construction equipment, trains, trucks, buses, or blasting;       Image: Construction equipment, trains, trucks, buses, or blasting;         (3) Earth movement;       Image: Construction equipment;       Image: Construction equipment;       Image: Construction equipment;         (4) Apparent future excavations near the pipeline; or       Image: Construction equipment;       Image: Construction equipment;         (5) Other foreseeable outside forces which may subject that segment of the pipeline to bending stress.       Image: Construction equipment;       Image: Construction equipment;	When an operator has knowledge that the support for a segment of a buried cast-iron pipeline is disturbed:       Image: Constraint 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;       Image: Constraint of the pipeline is constraint of the pipeline is constraint of the pipeline;         (2) Impact forces by vehicles;       Image: Constraint of the pipeline;       Image: Constraint of the pipeline;         (3) Earth movement;       Image: Constraint of the pipeline;       Image: Constraint of the pipeline;       Image: Constraint of the pipeline;         (4) Apparent future excavations near the pipeline; or       Image: Constraint of the pipeline to bending stress.       Image: Constraint of the pipeline to bending stress.       Image: Constraint of the pipeline to bending stress.	When an operator has knowledge that the support for a segment of a buried cast-iron pipeline is disturbed: <ul> <li>(a) That segment of the pipeline must be protected, as necessary, against damage during the disturbance by:</li> <li>(1) Vibrations from heavy construction equipment, trains, trucks, buses, or blasting;</li> <li>(2) Impact forces by vehicles;</li> <li>(3) Earth movement;</li> <li>(4) Apparent future excavations near the pipeline; or</li> <li>(5) Other foreseeable outside forces which may subject that segment of the pipeline to bending stress.</li> </ul>	When an operator has knowledge that the support for a segment of a buried cast-iron pipeline is disturbed: <ul> <li>(a) That segment of the pipeline must be protected, as necessary, against damage during the disturbance by:</li> <li>(1) Vibrations from heavy construction equipment, trains, trucks, buses, or blasting;</li> <li>(2) Impact forces by vehicles;</li> <li>(3) Earth movement;</li> <li>(4) Apparent future excavations near the pipeline; or</li> <li>(5) Other foreseeable outside forces which may subject that segment of the pipeline to bending stress.</li> </ul>	When an operator has knowledge that the support for a segment of a buried cast-iron pipeline is disturbed: <ul> <li>(a) That segment of the pipeline must be protected, as necessary, against damage during the disturbance by:</li> <li>(1) Vibrations from heavy construction equipment, trains, trucks, buses, or blasting;</li> <li>(2) Impact forces by vehicles;</li> <li>(3) Earth movement;</li> <li>(4) Apparent future excavations near the pipeline; or</li> <li>(5) Other foreseeable outside forces which may subject that segment of the pipeline to bending stress.</li> </ul>	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;       Image: Construction of the pipeline is of the pipeline is of the pipeline is of the pipeline is of the pipeline; or         (2) Impact forces by vehicles;       Image: Construction of the pipeline; or       Image: Construction of the pipeline; or         (3) Earth movement;       Image: Construction of the pipeline; or       Image: Construction of the pipeline; or       Image: Construction of the pipeline is o

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.

			Syste	em Nai	ne		
	SubPart K: Uprating Records This attachment should only be used if the operator has performed an uprating.						
553(a)	Pressure increases. Whenever the requirements of this subpart require that an increase in operating pressure be made in increments, the pressure must be increased gradually, at a rate that can be controlled, and in accordance with the following:				<u> </u>		
	(1) At the end of each incremental increase, the pressure must be held constant while the entire segment of the pipeline that is affected is checked for leaks.						
	(2) Each leak detected must be repaired before a further pressure increase is made, except that a leak determined not to be potentially hazardous need not be repaired, if it is monitored during the pressure increase and it does not become potentially hazardous.						
553(b)	Records. Each operator who uprates a segment of pipeline shall retain for the life of the segment a record of each investigation required by this subpart, of all work performed, and of each pressure test conducted, in connection with the uprating.						
.553(c)	Written plan. Each operator who uprates a segment of pipeline shall establish a written procedure that will ensure that each applicable requirement of this subpart is complied with.						
.553(d)	Limitation on increase in maximum allowable operating pressure. Except as provided in §192.555 (c), a new maximum allowable operating pressure established under this subpart may not exceed the maximum that would be allowed under §§ 192.619 and 192.621 for a new segment of pipeline constructed of the same materials in the same location. However, when uprating a steel pipeline, if any variable necessary to determine the design pressure under the design formula (§192.105) is unknown, the MAOP may be increased as provided in §192.619(a)(1).						
557(a)	Unless the requirements of this section have been met, no person may subject:		1				
	(1) A segment of steel pipeline to an operating pressure that will produce a hoop stress less than 30 percent of SMYS and that is above the previously established maximum allowable operating pressure; or						
	(2) A plastic, cast iron, or ductile iron pipeline segment to an operating pressure that is above the previously established maximum allowable operating pressure.						
.557(b)	Before increasing operating pressure above the previously established maximum allowable operating pressure, the operator shall:						
	<ul> <li>(1) Review the design, operating, and maintenance history of the segment of pipeline;</li> <li>(2) Make a leakage survey (if it has been more than 1 year since the last survey) and repair any leaks that are found, except that a leak determined not to be potentially hazardous need not be repaired, if it is monitored during the pressure increase and it does not become potentially hazardous;</li> </ul>						
	(3) Make any repairs, replacements, or alterations in the segment of pipeline that are necessary for safe operation at the increased pressure:						

### SubPart K: Uprating

	(4) Reinforce of or bell spigot jo exposed in an e	or anchor offsets, bends bints to prevent failure o excavation;	and dead ends in pipe joined by f the pipe joint, if the offset, be	compression couplings nd, or dead end is						
	(5) Isolate the segment that wi	segment of pipeline in w ill continue to be operate	which the pressure is to be incre ed at a lower pressure; and,	ased from any adjacent						
	(6) If the press to the customer determine that i after a regulator	ure in main or service li r, install a service regula it is functioning. Pressur r has been installed on e	nes, or both, is to be higher that tor on each service line and test re may be increased as necessar each pipeline subject to the incre	n the pressure delivered t each regulator to y to test each regulator, eased pressure.						
.557(c)	After complying v pressure must be r increase, whichev paragraph (b)(6) o increases.	with paragraph (b) of thi made in increments that er produces the fewer n of this section apply, the	is section, the increase in maxir are equal to 10 psig or 25% of umber of increments. Whenever re must be at least two approxim	num allowable operating the total pressure er the requirements of mately equal incremental						
.557(d)	If records for cast stresses produced bending loads, in increased pressure	iron or ductile iron pipe by internal pressure, tre evaluating the level of s e, the following procedu	eline facilities are not complete ench loading, rolling loads, bear safety of the pipeline when oper ures must be followed:	enough to determine n stresses, and other rating at the proposed						
	(1) In estima operator shal that ductile in	ating the stress, if the ori l assume that cast iron p ron pipe was laid withou	ginal laying conditions cannot sipe was supported on blocks w tt blocks with tamped backfill.	be ascertained, the ith tamped backfill and						
	(2) Unless th cover in at le greatest cove	ne actual maximum cove ast three places where the r measured.	er depth is known, the operator he cover is most likely to be gre	shall measure the actual eatest and shall use the						
	(3) Unless wall thickness pipeline. The likely to be the allowance inc	the actual nominal wall so by cutting and measur e coupons must be cut finhe greatest. The average dicated in the following	thickness is known, the operator ring coupons from at least three rom pipe lengths in areas where e of all measurements taken mut table:	or shall determine the separate pipe lengths of e the cover depth is most ast be increased by the						
		Al	lowance (inches)							
	Pipe size	Cas	t Iron Pipe	Ductile iron Pipe						
	(inches)	Pit cast pipe	Centrifugally cast pipe	0.045		_	_	_	_	
	3 to 8	0.075	0.065	0.065						 
	10 to 12	0.08	0.07	0.07						
	14  to  24 30 to 42	0.08	0.08	0.075						
	48	0.09	0.09	0.075						
	54 to 60	0.09	0.07	0.00						 _
	511000	0.07								

Comments:

ATTACHMENT 3

KARI FRENCH DIRECTOR

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



RAILROAD COMMISSION OF TERSY VIEW OF STREET

OVERSIGHT AND SAFETY DIVISION PIPELINE SAFETY JUN **2 6 2015** Technical Services

June 17, 2015 -

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: 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.

1701 NORTH CONGRESS AVENUE \* POST OFFICE BOX 12967 \* AUSTIN, TEXAS 78711-2967 \* PHONE (512) 463-7058 FAX (512) 463-7319 TDD (800) 735-2989 OR TDY (512) 463-7284 AN EQUAL OPPORTUNITY EMPLOYER June 17, 2015 Page 2

Sincerely,

Kariz 7-

Kari French Director

Enclosure: Safety Evaluation Summary Alleged Violation List

# Railroad Commission of Texas Safety Division Safety Evaluation Summary

Inspection Package: 111153	Activity/Classication: Standard/Comprehensive
Operator:	Unit:
6776 ATMOS ENERGY CORP., MID-TEX DIVISION	3374 ATMOS ENERGY/DALLAS
Mr. Jeffrey S. Knights	Inspection Package Performed
Vice President, Technical Services	Start Date: 05/18/2015
P. O. Box 223705	
Dallas, TX 75222-3705	End Date: 05/29/2015

		Alleged Violations				
Eval No System ID and Name	System Type Repeat Uncorrected				i Corrected Total	
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	<u></u>					

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.

6/17/15 11:08 AM

6/17/15 11:08 AM

## **Railroad Commission of Texas**

### Safety Division Alleged Violation List

Page 1 of 3

Inspection Package: 111153 System Name: DALLAS		Activity/Classication: Standard/Comprehensive Evaluation Number: 20151467		
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 H line. The leak was classified as Hazardous I during the evaluation on May 22, 2015 by re	Kinkaid Dr, a leak was discovered on the service eak, Grade 1. The natural gas leak was repaired placing the service line.		
	C) While monitoring the unrepaired leak (LN detected inside underground sewer clean-o Hazardous Leak, Grade 1. The natural gas 21, 2015.	: 518944), gas concentrations (1.4%) were ut enclosure. The leak was classified as leak was repaired during the evaluation on May		
Item Number: 2				
Action Needed:	Violation requires a plan of correction by Jul	/ 17, 2015.		
Description:	The level of cathodic protection for the pipe the criteria specified in Appendix D, Code of	system(s) listed below did not meet one or more 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:		
		1 ( 0.045 ) () · · ·		

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). 6/17/15 11:08 AM

# **Railroad Commission of Texas**

Page 2 of 3

# Safety Division Alleged Violation List

All correspondence must include the Inspection Package and Evaluation Number

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

Item Number:	: 3
Action Need	led: 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.
Requiremen	t: 49 CFR 192.479(a)
Notes:	
Descri	ption: Other: Atmospheric Corrosion Control
Locati	on: MS9279.2 (Quad C) EXP-16 (Quad C) EXP-17 (Quad C) EXP-87 (Quad C) EXP-90 (Quad C) EXP-75 (Quad B)
Comn	nent: 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 Nee	ded: 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.
Requireme	nt: 49 CFR 192.323(d)
Notes:	
Descr	iption: Other: Casing
Locat	ion: CC-3640: casing at Buckner at Railroad Tracks
Comr	nent: The casing vent has been damaged and cannot prevent water from entering the casing.
Item Number	r: 5
Action Nee	ded: Violation corrected. No action required.
Descriptior	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.
Requireme	nt: Title 16, 8.208(g)
Notes:	

6/17/15 11:08 AM

# Railroad Commission of Texas Safety Division Alleged Violation List

Page 3 of 3

All correspondence must include the Inspection Package and Evaluation Number

Inspection Package: 111153 System Name: DALLAS		e: 111153	Activity/Classication: Standard/Comprehensive Evaluation Number: 20151467		
		AS			
D	escription:	Other: Compression Couplings			
Lo	ocation:	(a). 7431 Northaven Rd (b). 6638 Williamson Rd			
С	omment:	During a routine evaluation of the p riser installation was in service. The installation by November 30, 2009. evaluation on May 29, 2015.	ipeline system, it was observed that the prebent service Operator did not remove and replace the service riser The alleged violations were corrected during the safety		
Item Num	ber: 6				
Action	Needed:	Violation corrected. No action requir	red.		
Descrip	otion:	Repaired leaks were monitored, and following locations:	gas concentrations were found in the ground at the		
Require	ement:	49 CFR 192.613(a)			
Notes:					
D	escription:	Other: Continuing Surveillance			
L	ocation:	7928 Claremont Dr., Dallas Texas			
С	Comment:	During the routine audit, the Grade repaired. Monitoring showed gas o close of this audit the leak had bee	1 leak at 7928 Claremont Dr. had not been properly concentrations of 15% for 4 weeks following repairs. At the n 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 P. O. Box 223705 Dallas, TX 75222-3705

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

#### Dallas - S. E. No. 20151467

2. <u>CP Zone 64583 at 5148 S Lancaster Rd</u> – 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.

<u>CP Zone 74042 at 2527 Simpson Stuart</u> – 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.

<u>CP Zone 74042 at 6703 Leana</u> – 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.

<u>CP Zone 44337 at 900 Dragon</u> – 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. <u>MS 9279.2</u> – 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.

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

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

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

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

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

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

4.

# Cathodic Protection Workorder

ork Order Number: 67437	Town: Dallas		<b>ID:</b> CP64583
iginal Found Date: 05/29/2015	Location: 5148 S. Lancas	ter Rd	
ound Tech: Gallaway, Eric	Mapsheet: 645	88 <b>Mapsco:</b> 65M	<b>Book:</b> 70
escription of Work Needed:			
stall Test Leads - Pole.	. · · ·		
dditional Information:			
re-install test station at power pole a	t sidewalk in front of 5148 S. L	ancaster Rd	
Assigned to: Sewell, Bryan			
<ul> <li>Work performed:</li> <li>Insulated Bridge Hanger</li> <li>Installed Poly To Insulate</li> <li>Isulated</li> <li>Verified Poly</li> <li>Installed Number of Anodes:</li> </ul>	<ul> <li>Installed Test Leads</li> <li>Curb Box</li> <li>Curb</li> <li>Valve Box</li> <li>Gas Sign</li> <li>Pole</li> <li>Other</li> </ul>	External Condition Of         Corrosion         X       None         Light       Meduim         Heavy	Exposed         Coating         None         X       Good         Fair         Poor
Pipe To Soil After Repairs: Location Of New Test Lead:	-1.040 T/S by gas sign		
<i>Remarks:</i> T/P# 2 (Found o	on TRC audit)		
L	· · · · · · · · · · · · · · · · · · ·	Date: 6/11/	2015

# Cathodic Protection Workorder

ork Order Number: 67417	Town: Dallas		<b>ID:</b> CP74042
riginal Found Date: 05/27/2015	Location: 2527 Simpson	Stuart	
ound Tech: Gallaway, Eric	Mapsheet: 740	94 <b>Mapsco:</b> 65V	7 <b>Book:</b> 79
escription of Work Needed:			
umber of Anodes - 1;			
nodes Wt 32# Anode.			
dditional Information:			
install 1-32# anode in street			
ssigned to: Sewell, Bryan			
Work performed:			
Insulated Bridge Hanger	Installed Test Leads	<b>External Condition O</b>	<u>f Metal Pipe Exposed</u>
Installed Poly To Insulate	Curb Box	Corrosion	Coating
Isulated	🔲 Curb	X Nama	
U Verified Poly	Valve Box	A None	
X Installed Number of Anodes: 1	Gas Sign	Light	X Good
32# Anode	Pole	Meduim	Fair
	Other	Heavy	Poor
Dine To Coil After Depoirty	89 <u>0</u>		
ripe 10 5011 Aner Kepans. <u>-U</u>	<u>,000</u>		
Location Of New Test Lead:			
<i>Remarks:</i> T/P# 1 (Found on	TRC audit)		
· · · · · · · · · · · · · · · · · · ·			0.01 <i>5</i>
Repaired By: Sewell, Bryan		Date: 7/7/2	2015

تصد بالمصد

Cathodic Protection Workorder

Work Order Number: 67419	Town: Dallas		<b>ID:</b> CP44337		
Original Found Date: 05/27/2015	Location: 900 Dragon				
Found Tech: Gallaway, Eric	Mapsheet: 4433	Mapsco: 45J	<b>Book:</b> 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       [	☐ Installed Test Leads ☐ Curb Box	External Condition Of Corrosion	<u>Metal Pipe Exposed</u> <u>Coating</u>		
U Isulated	Urb Valve Box	X None	None None		
X Installed Number of Anodes: 1	☐ Gas Sign	Light	X Good		
17# Anode	Dole Other	Meduim Heavy	Fair Poor		
Pipe To Soil After Repairs: <u>-0.6</u> Location Of New Test Lead:	<u></u>				
<i>Remarks:</i> Found on TRC aud	it				
Repaired By: Sewell, Bryan		Date: <u>7/7/2</u>	2015		
		General Worke	order		
--------------------------	-------------------------------	----------------------------------------	-------------------	---------------------------------------	--------
ork Order Number:	44906 <b>Town:</b>	Dallas		ID:	EXP-87
ound Date: 05/26/20	)15 Location: Oak	Farms Dairy off Cold	orado & Lancaster		
ound Tech: Gallawa	y, Eric	Mapsheet:	5403 M	Iapsco: 45W	
riority: High	Begin Station Plus:		End Station Plus:		
egin Lat:	End Lat:	Begin Long:	End Long:		
Description of Work	Needed:			· · · · · · · · · · · · · · · · · · ·	
removed the wood ur	ndr the main.				
A J Jillion of Tufour of	ion•				
Additional informati	1011: Oak Farme Dairy unde	er bridge			
Exposed pipe bennid	Oak Fallis Daily und	of offage			
Assigned to:		-			•
				· · · · · · · · · · · · · · · · · · ·	
Work performed:					
	• <del>-</del>				
Remarks:					
removed the wood	undr the main.				
				•	i.
				_	
	Rose, Michael Jr.		Data	06/10/201	5
Repaired By:	1000, 11101101 51.	······································	Date:		



		General Worko	order	
Work Order Number Found Date: 05/22/ Found Tech: Gallaw Priority: High Begin Lat:	r: 44890 <b>Town:</b> 2015 Location: Vill yay, Eric Begin Station Plus: End Lat:	Dallas age Fair & Conway Mapsheet: Begin Long:	6489 End Station Plus: End Long:	ID: EXP-90 Mapsco: 64H
Description of Wor	k Needed:			
repaired coating on	2"dresser couping			
Additional Informa	ation:			
along side of bridg	e			
Assigned to:		· · · · · · · · · · · · · · · · · · ·		
Work performed:	•			
		41. ·		
Remarks:	<u> </u>			
repaired coating	on 2"dresser couping			
	· · · · · · · · · · · · · · · · · · ·			
Danairad Bu	Rhodes, David		Date:	06/23/2015



		General Work	oraer	
ork Order Numbe	er: 44914 Town:	Dallas		<b>ID:</b> 3681
und Date: 05/27	/2015 Location: buck	kner blvd @ rr bridge	;	
und Tech: Dowle	en, Mark	Mapsheet	: 3681	Mapsco: 38P
iority: High	<b>Begin Station Plus:</b>		End Station Plus:	
gin Lat:	End Lat:	Begin Long:	End Long:	
escription of Wo1	k Needed:		All Alleren - All Alleren - All Maler	
epair 2" vent stac	k			
			<b></b>	
aditional inform				
ioral or moreer				
	·			
ssigned to:				, 
Wook - onformadi				
work perjormea.				
Remarks:			)	
repair 2" vent st	tack			
	Rhodes David		D	06/23/2015
Repaired By:			Date:	



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,

Chris Felan

Attachment

Atmos Energy Corporation 5420 LBJ Freeway, Suite 1800, Dallas, TX 75240 P 214-206-2568 F 214-206-2126 christopher.felan@atmosenergy.com

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

#### Dallas - S. E. No. 20151467

- <u>CP Zone 74042 at 6703 Leana</u> 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. <u>MS 9279.2</u> 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.

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

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

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

### Cathodic Protection Workorder

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/ork Order Number: 67418A	Town: Dallas			ID:	CP74042
riginal Found Date: 05/27/2015	Location: 2300 Simpson	Stuart & Leana			
onn <b>d Tech:</b> Gallaway, Eric	Mapsheet: 740	)4 Mapsco:	65V	Book:	79
Description of Work Needed:					
annan an a				· · · · · · · · · · · · · · · · · · ·	
isulate.					
	······································				
Additional Information:				μ.Υ	
Remove contact short between gas ma	in and water main in middle I	ane of westbound Simp	son Stuart a	t Leana	
Assigned to:		· · · · · · · · · · · · · · · ·	·^		<u></u>
Work nerformed:	۰ ــــــــــــــــــــــــــــــــــــ		······································		······································
Insulated Bridge Hanger	Installed Test Leads	External Conditi	on Of Mets	al Pine E	vnosed
Installed Poly To Insulate	Curb Box	<u>Daternar Continu</u>	<u>on of thich</u>	a i ipe is	Apopud
Isulated	Curb	Corrosion		<u>Coating</u>	
Verified Poly	Valve Box	X None	l	Nor	ic
X Installed Number of Anodes: 1	🔲 Gas Sign	Light	· · ·	X Goo	bd
32# Anode	Pole	Meduim	I	Fair	
	Other		1		
		Heavy	1	Poo	r
Pipe To Soil After Repairs: -1	.070				
Location Of New Test Lead:	·	<u> </u>			
		· · · · · · · · · · · · · · · · · · ·			
<i>Remarks:</i> insulating shim in	statelled to remove direct sho	rt to water main ,32lb a	nide installe	d	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	······	<u></u>			- <u></u>
Renaired Rue Windham Robert		Date:	7/28/2015		

ork Order Numbe	er: 44881 Town:	Dallas			ID: MS9279.2
ound Date: 05/20	/2015 Location: Mor	antain Creek Pkwy	east of Eagle Ford		
und Tech: Gallay	way, Eric	Mapshe	et: 7100	Mapsco:	71BA
iority: High	<b>Begin Station Plus:</b>		End Station Plus	•	
gin Lat:	End Lat:	Begin Long:	End Long	<b>;:</b>	
escription of Wor	k Needed:				***************************************
Repair damaged fe	nce and replace rusted bo	olts on outlet flange			
,					
dditional Inform	ation:				••••
it measuring statio	m MS9279.2				
second to:		<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>			
Interior Los				<u> </u>	
Work performed:					
Remarks:					
Fence repaired a	and rusted bolts replaced.				
	McCullaugh Baron				31/0015
Repaired By:	MicCullough, Dylon		Date:	0//2	21/2013

Work Order Number: 44913 Town: Dallas			<b>ID:</b> 2668		
Found Date: 05/27/2	2015 Location: wal	nut hill e of plano rd			
Found Tech: Dowler	i, Mark	Mapshee	t: 2668	Mapsco:	28N
Priority: High Begin Station Plus:			End Station Plus		
Begin Lat:	End Lat:	Begin Long:	End Lor	ig:	
Description of Work need paint	Needed:	, <u>1997</u> , 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 1999, 19	, , , , , , , , , , , , , , , , , , ,		
Additional Informat	tion:		Hinduran	······································	
paint main on bridge	<b>)</b>				
	-				
Assigned to:		***			
Work performed:					
Remarks:			₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩		
Crossing painted 1	by Brock Services.				
	`				
	· · ·				
			<del>.</del> .		
Repaired By:	Looney, Tommy	·	Date	07/2	2/2015

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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,

nike Ca h

Mike Archer



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

#### Dallas - S. E. No. 20151467

- 2. <u>CP Zone 74042 at 6703 Leana</u> 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. <u>MS 9279.2</u> 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.

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

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

 $\underline{\text{EXP-75}}$  – 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. Knight's

Attachment-

Atmos Energy Corporation P. O. Box 223705 Dallas, TX 75222-3705 Dallas, TX 75222-3705

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

### Dallas - S. E. No. 20151467

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

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

una lecu: plem	ver, James	Mapsheet: 5	305 <b>Ma</b>	psco: 54N
iority: High	<b>Begin Station Pl</b>	us: I	End Station Plus:	
gin Lat:	End Lat:	Begin Long:	End Long:	
escription of Wo	rk Needed:	<u> </u>		
'aint and wrap re	pair completed by Ca	n-Fer Utility Services.		
dditional Inform	nation:		он	
nain crossing cre	ek exposed			
			i	
· · · · · · · · · · · · · · · · · · ·				
ssigned to:				
Work performed	:			
Remarks.				
Paint and wrap	repair completed by	Can-Fer Utility Services.		
1	2			
			· · ·	
			·	

Vork Order Numbe	r: 44884 Tow	m: Dallas			ID: EXP-17
ound Date: 05/21/	2015 Location: s	chofield&bernal		10	
ound Tech: Brewe	r, James	Mapshe	et: 4204	Mapsco: 42	M
riority: High	<b>Begin Station Plus</b>	ST	End Station Plus:		
legin Lat:	End Lat:	Begin Long:	End Long:		١
Description of Wor	k Needed:	annan e n <u>e</u> ddiffara a arlan a ar			
paint repair main w	rap ends ground level	check insulators on h	angers		
-					
Additional Information	of bridge				
mant on norm side	or onlige				
Assigned to:					
Work performed:					
			~		
	×				
Bamanta					<u> </u>
Crossing painter	wran renaired and it	sulators replaced by (	Can-Fer Utility Service	·S,	
Crossing paintee	, mup repuired and	J			
					,
		,			
L	Teener Teener			08/10/	2015
Repaired By:	Looney, 10mmy		Date:	. 00/10/.	401 <i>2</i>

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



KARI FRI DIRE(

# RAILROAD COMMISSION OF TEXAS

OVERSIGHT AND SAFETY DIVISION PIPELINE SAFETY

AUG 2 6 2015 **Technical Services** 

August 18, 2015

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: 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,

Kariz 7

Kari French Director

Enclosure: POC Revision List

### **Railroad Commission**

8/18/15 9:03 AM

#### Page 1 of 1

## Safety Division Required Revisions to the Plan of Correction (POC)

All correspondence must include the Inspection Package and Evaluation Number

### Inspection Package: 111153

System Name: DALLAS

### Activity/Classication: Standard/Comprehensive 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

Atmos Energy Corporation P. O. Box 223705 Dailas, TX 75222-3705 P 214-206-2701 F 214-206-2126 ieff knights@atmosenergy.com Cathodic Protection Workorder

Work Order Number: 67419	Town: Dallas			<b>ID:</b> CP44337
Original Found Date: 05/27/2015	Location: 900 Dragon			
Found Tech: Gallaway, Eric	Mapsheet: 44	33 Mapsco:	45J I	300k: 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				
<ul> <li>Work performed:</li> <li>Insulated Bridge Hanger</li> <li>Installed Poly To Insulate</li> <li>Isulated</li> <li>Verified Poly</li> <li>Installed Number of Anodes: 1</li> <li>17# Anode</li> </ul>	<ul> <li>Installed Test Leads</li> <li>Curb Box</li> <li>Curb</li> <li>Valve Box</li> <li>Gas Sign</li> <li>Pole</li> <li>Other</li> </ul>	External Condition	on Of Metal P Co X	ipe Exposed <u>ating</u> None Good Fair Poor
Pipe To Soil After Repairs:       -0.60         Location Of New Test Lead:	0			
<i>Remarks:</i> Found on TRC audit				
Repaired By: Sewell, Bryan		<b>Date:</b> 7/	/7/2015	
		·······		

## Cathodic Protection Workorder

Work Order Number: 67419A Original Found Date: 05/27/2015	Town: Dallas Location: 925 Slocum			<b>ID:</b> CP44337	
Found Tech: Gallaway, Eric Description of Work Needed:	Mapsheet: 4	433 Mapsco:	45J	Book: 45	
Insulate. Additional Information: contact short on service line meter inside	back of bldg				
Assigned to:	<u> </u>		<u> </u>		
Work performed:          Insulated Bridge Hanger         Installed Poly To Insulate         Isulated         Verified Poly         Installed Number of Anodes:	Installed Test Leads Curb Box Curb Valve Box Gas Sign Pole Other	External Condition		<u>Pipe Exposed</u> <u>Coating</u> None Good Fair Poor	
Pipe To Soil After Repairs: -1.160 Location Of New Test Lead: Remarks: Contacted owner of bld line. Zone up on re-read	g to gain access to meter.	Removed metallic contac	Ct short betwe	een riser and house	
Repaired By: Gallaway, Eric		Date: 7/7/	2015		

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455-21



## **RAILROAD COMMISSION OF TEXAS**

## OVERSIGHT AND SAFETY DIVISION PIPELINE SAFETY

September 22, 2015

, 2015

Received Atmos Energy

SEP 28 2015

**Technical Services** 

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: 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,

Kariz 7

Kari French Director



## **RAILROAD COMMISSION OF TEXAS**

OVERSIGHT AND SAFETY DIVISION PIPELINE SAFETY

June 22, 2016

Reserved Atmos Energy JUN 28 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

Technical Services

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,

Kariz 7-

Kari French Director

Enclosure: Safety Evaluation Summary Alleged Violation List

## Railroad Commission of Texas Safety Division Safety Evaluation Summary

Page 1 of 1

## Inspection Package: 113216

### Activity/Classification: Standard/Comprehensive

Operator:	Unit:		
6776 ATMOS ENERGY CORP., MID-TEX DIVISION	3374 ATMOS ENERGY/DALLAS		
Mr. Jeffrey S. Knights	Inspection Package Performed		
Vice President, Technical Services	Stort Date: 04/25/2048		
P. O. Box 223705	Start Date: 04/25/2016		
Dallas, TX 75222-3705	End Date: 05/06/2016		

		Alleged V	/iolations
Eval No System ID and Name	System Type	Repeat Uncorrecte	ed Corrected Total
20161004 610134 DALLAS	Distribution	0 3	69
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	
pse 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 perated by your company. Additionally, there may be a pipeline system listed that is named System of Company ID Number where number is the entification 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 property 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**

Page 1 of 4

## Safety Division Alleged Violation List

All correspondence must include the Inspection Package and Evaluation Number

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

### Item Number: 1 Action Needed: Violation corrected. No action required. The level of cathodic protection for the pipe system(s) listed below did not meet one or more of **Description:** 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. 49 CFR 192.161(a)(1) **Requirement:** Notes: Description: Other: Supports and anchors

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

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## **Railroad Commission of Texas**

Page 2 of 4

## Safety Division Alleged Violation List

All correspondence must include the Inspection Package and Evaluation Number

Inspection Package: 113216		Activity/Classication: Standard/Comprehensive			
System Name: DALL	AS	Evaluation Number: 20161004			
Comment:	A) Meter set was not sufficiently s pipeline.	upported to prevent undue strain on the connecting			
Item Number: 4					
Action Needed:	Violation corrected. No action requ	ired.			
<b>Description:</b>	A hazardous leak(s) at the listed si	te(s) was not repaired promptly.			
Requirement:	49 CFR 192.703(c)				
Notes:					
Description:	Other: Hazardous Leak, Grade 1				
Location:	(A). Leak Number: 550871, 5218 (B). Leak Number: 550230, 5743	Vanderbilt Ave Penrose			
	(C). Leak Number: 549455, 8139	Forest Hills			
Comment:	(A). While monitoring the unrepair inside the water meter box enclos The natural gas leak was repaired	ed leak (LN: 550871), gas concentration (5%) was detected ure. The leak was classified as Hazardous Leak, Grade 1. during the evaluation on May 5, 2016.			
	(B). While monitoring the unrepair inside	ed leak (LN: 550230), gas concentration (5%) was detected			
	underground sewer clean-out enc 1. The natural gas leak was repair	losure. The leak was classified as Hazardous Leak, Grade red during the evaluation on May 5, 2016.			
	(C). While monitoring the unrepair detected inside water box. The lea gas leak was repaired during the o	ed leak (LN: 549455), gas concentration (20%) was ak was classified as Hazardous Leak, Grade 1. The natural evaluation on May 5, 2016.			
Item Number: 5					
Action Needed:	Violation corrected. No action requ	ired.			
Description:	The meter(s) and regulator(s) at th anticipated stresses.	e listed site(s) was not properly installed to minimize			
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#4	17460			
Comment:	A) Tree causing excessive strain of	on pipe going to meter			

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

6/22/16 3:07 PM	Railroad Commission of Texas Safety Division Alleged Violation List
All c	orrespondence must include the Inspection Package and Evaluation Number
Inspection Packag	ge: 113216 Activity/Classication: Standard/Comprehensive
System Name: DALL	AS 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.
<b>Requirement:</b>	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:	

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## **Railroad Commission of Texas**

Page 4 of 4

## Safety Division Alleged Violation List

All correspondence must include the Inspection Package and Evaluation Number

Inspection Packag	ge: 113216 Activity/Classication: Standard/Comprehensive
System Name: DALL	AS Evaluation Number: 20161004
Description:	Other: Atmospheric Corrosion Control
Location:	<ul> <li>A) PAT-25 - Midway Rd &amp; Cochran Chapel</li> <li>B) PAT-47 - 2575 Southwell &amp; Shady Trail</li> <li>C) EXP-18ND - Keller Springs West of Preston Exposed</li> <li>D) EXP-28 - 11091 Denton Dr 700 ft South of Merrell Rd</li> <li>E) DRS-222 - Hartdale &amp; Breeze (Corrected During Audit)</li> <li>E) EXP-84 - Polk &amp; Redhird</li> </ul>
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.
<b>Requirement:</b>	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

Received Atmos Energy AUG 23 2016

**Technical Services** 

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,

Kariz 7

Kari French Director



Jeffrey S. Knights

Mid-Tex Division

Vice President, Technical Services

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.

Work Order Number: 46058 Town: 1	Dallas		ID: EXP-25
Found Date: 05/04/2016 Location: MILD Found Tech: Reyes, Joel	WAY KD. AND CC Mapslicet	CHRAN CHAPEL : 2391 Mapso	:o: 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 hange	șr.	· · · ·	

Repaired By:

Rimmer, Benjamin-CAN

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Date: 09/27/2016

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und Tech: Reyes,	Joel	Mapsheet	: 2202	Mapsco:	23J	
iority: High	Begin Station Plus	S:	End Station Plus			
gin Lat:	End Lat:	Begin Long:	End Lon	g:		
escription of Wor PING NEEDS TO	k Needed: O BE RE-WRAPPED		• •			<u> </u>
······································				•		
dditional Informa IPING NEEDS T	ation: O BE RE-WRAPPED	· · · · · · · · · · · · · · · · · · ·				
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ssigned to:			· ·	· · · · · · · · · · · · · · · · · · ·		-
Work performed:		• •	· · · · · · · · · · · · · · · · · · ·			
	• •	· . ·			·	
Remarks: cleaned debris ar	(d wraped pipe also co	wered pipe with clean fi	l dirt			
• •		:				•
			· .	<u> </u>	-	
Ranaizad Ru	Harris, Raymond I	E Jr-CAN	Date	08/0	1/2016	

Work Order	Number:	460 <u>5</u> 7 1	fown: Dallas	COW OF DR		ID:	EXP-18 ND
Found Tech:	Reves. Je	oel	M	ansheet: 74-19	$\frac{1}{2}$	Vapsco 5T	
Priority: Hi	gh	Begin Station 1	Plús:	End	Station Plus:	urufonen or	
Begin Lat:		End Lat:	Begin Long	3:	End Long:		
Description PAINT IS I ADDITION	of Work I FLAKING JAL COA'	Needed: OFF ON WEST T OF PAINT	r side of pipe w	HERE IT CON	AES OUT OF T	THE GROUND	. APPLY
Additional I KELLER S	Information SPRINGS	on: W. OF PRESTO	N EXPOSED				
Assigned to	: :		·				
Work perfe	ormed:	· ·					
<i>Remarks:</i> cleared de	ebris and v	wrapped and pair	nted pipe			······	
	• -						· .
Repaired I	By:	Harris, Raymon	d E Jr-CAN		Date:	08/02/2016	

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Work Order Numbe Found Date: 04/29	er: 46034 Town /2016 Location: 11	1: Dallas 091 DENTON DR. 7	ÖÖFT. S OF MERRELI	ID: EXP-28
Found Tech: Reyes	, Joel	Mapshe	et: 2203 M	apsco: 23J
Priority: High	<b>Begin Station Plus:</b>		End Station Plus:	•
Begin Lat:	End Lat:	Begin Long:	End Long:	
Description of Wor	k Needed:			
PIPE NEEDS TO I	BE REPAINTED			
	·····			· · · · · · · · · · · · · · · · · · ·
Additional Inform	ation:			
PAINT IS FLAKE	NG OFF PIPE. PIPE NE	EDS TO BE RE-PAI	NŢED	
Assigned to:				
			······	
Work performed:			•	
		•	·	
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Remarks:	nistad nina	•		
	banned bibe			
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I			·	······
Repaired By:	Rimmer, Benjamin-	CAN	Date:	08/02/2016
	······································			
### General Workorder

Work Order Number Found Date: 05/06/2	; 46080 Town: 016 Location: Polk	Dallas & Red Bird			•	<b>ID:</b> 73(	
Found Tech: Hornsby Priority: High Begin Lat:	<ul> <li>/, Gavin</li> <li>Begin Station Plus:</li> <li>End Lat:</li> </ul>	Map Begin Long:	sheet: 73 Ei	02 Id Station Plus End Long	Mapsco:	64T	
Description of Work Debris on main and 1	Needed: nain needs rewrapping	· · · ·					
	· · · · · · · · · · · · · · · · · · ·		·····	- 	· · · · · · · · · · · · · · · · · · ·		
Additional Informat Debris on main and 1	ion: nain needs rewrapping		•				
			•				,
Assigned to:	- -						
Work performed:		· ·	• •	• •	•		
	х -						
<i>Remarks:</i> cleared debris and	wraped pipe	-				•	•
						:	
Repaired By:	Harris, Raymond E Jr-	CAN		Date:	08/0	1/2016	

I cole Numbers 552511		•	•		
Town: Dollar	LEAN REPORT	· · ·			
Advages 7120 TU TILL 175 W	ť 10 #r	······		······································	· · · · · · · · · · · · · · · · · · ·
Address: 7150 US Flwy 175 W.	LICH		· ·		
Date round: 4/20/2010	Grade: 2.180	S S	• •.		
eenmetan: Hornsby, Gavin	Time Graded:	2			
robable Source: Main	Assistance Requested:	ښ ا	•		
Gas Detected: Soil	Assistance Arrived:		.Am Müler R	d ·	
CGI Test: 25	Condition Eliminated:			_	
Meter #:	Mapsheet: 5660				
Bar Tested each direction to 0%	Maneras 58T		7130.	T.	
No migration indicated	171 R 200. 201	0	Luxury Ion Mo	tel .	
Surface Over Leak: Concrete	Class 4 Location: No				· ·
Surface Over Main: Concrete	Business District: No		1350 4341 01 713	D diference	
Probable Pipe Type: Coated Steel	Dug up inlet riser: No		leking out of co	aling in crecided	
Temporary Repair Type:					
Temp Repair Date:	Lat: 32.72375095	• •			-
Transaction Date:	Long: - 96,69844654	0			•
Cross Refrence #:	County: Dallas	0	r.		
Line Locate #:					
· · ·	·	-			
Leak Repaired On: Main	External Corrosion			•• •	
Type: Pipe	External Pifs	, ,		-	• •
Material: Coated Steel	External Contine			·	•
Pipe squeezed: EFC:	Min Dit Dauthe				
Pipe Size: 6.00	Min Fit Depin:				
Pressure:	Min Lengin of Fit:	CGI Test % Gas:	Ó		
Cause of Leak: Corrosion	Internal Corrosion;	CGI Test Tech:	Carring	gton, Casey	-CAN
Station Plus:	Тъсницайи:	Soap Test:	•		
		Soap Test Tech:	-		
Compression Coupling information : Manu	lacturer:	Odorant Detected:			
Type:	· · ·	Repair Status:	Permar	nent	,
Son Type: Pullont:	Separated:	Temp Repair Type:			
Anode Installed Main #:	Test Station:	Tremb Keban, Teen:			
Annde Installed Service #: Wi	Test Station:	Pressure Test of:		•	
Anode Installed Technician:		Test Medium:		•	
Test Station Station Plus		Test Pressure:	ps Höbe	sig	Minutés
A cor organon oración i 1057. Dise te esti adeferi	NIA Decessories	Technician	11040	a	1411111102
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ripe to som I ecunician:		Side:		Side:	
	•••••••••••••••••••••••••••••••••••••••	Bottom:		Bottom:	
Date: 09721/2016		Installed	Pine I	nfo	Removed
Leak Completed By: Carrington, Casey-CAN		Yellowstripe	1	-	
Main Repair: Repaired on Project		Size: 6,00 LPS	si	ze: 6.00	, •
		CEE Feet: 3	92		Feet: 400
MA ASISIN	437	PR12W 5/14/20	16		
rermanent Kepair Leen : Carrington, Casey-C	ALN	2406 11.5	·		
Monitored	Migration Pattern	******	Percent	Leak	New
Date Monitored By	Change Descri	ption	Gas	Grade	Leak Number
9/20/2016 McClain, Dale	N Conditions will not pe	armit bar test		2.180	· ····································
8/22/2016 McClain Dale	N		2	2.180	
7/25/2016 McClain Dale	N		2	2 1 20	
6/27/2016 MicClain Dala	Ň		2 3	24,100 3 100	
21/2016 McClain Dale	IN N		2	2.10U	
Findbold McChain, Date		•••	V	2.180	
SZZZZUIO MCClain, Dale	N Conditions will not per Conditions will	amit bar test		2.180	-



KARI FRENCH DIRECTOR

# **RAILROAD COMMISSION OF TEXAS**

OVERSIGHT AND SAFETY DIVISION PIPELINE SAFETY

October 10, 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 Received Atmos Energy OCT 1 4 2016 Technical Services

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,

Kariz 7-

Kari French Director

ATTACHMENT 5

KARI FRENCH

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



DIRECTOR

# **RAILROAD COMMISSION OF TEXAS**

Oversight and Safety Division PIPELINE SAFETY

May 17, 2017

455-21

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

MAY 2 2 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.

1701 NORTH CONGRESS AVENUE \* POST OFFICE BOX 12967 \* AUSTIN, TEXAS 78711-2967 \* PHONE (512) 463-7058 FAX (512) 463-7319 TDD (800) 735-2989 OR TDY (512) 463-7284 AN EQUAL OPPORTUNITY EMPLOYER May 17, 2017 Page 2

Sincerely,

Kariz 7

Kari French Director

Enclosure: Safety Evaluation Summary Alleged Violation List

1701 NORTH CONGRESS AVENUE \* POST OFFICE BOX 12967 \* AUSTIN, TEXAS 78711-2967 \* PHONE (512) 463-7058 FAX (512) 463-7319 TDD (800) 735-2989 OR TDY (512) 463-7284 AN EQUAL OPPORTUNITY EMPLOYER **Railroad Commission of Texas** 

5/17/17 7:29 AM

# Safety Division

### **Safety Evaluation Summary**

#### Inspection Package: 115347

#### Activity/Classification: Standard/Comprehensive

operator.	Unit.
6776 ATMOS ENERGY CORP., MID-TEX DIVISION	3374 ATMOS ENERGY/DALLAS
Mr. Jeffrey S. Knights	Inspection Package Performed
Vice President, Technical Services	
P. O. Box 223705	Start Date: 04/17/2017
Dallas, TX 75222-3705	End Date: 04/28/2017

•		Alleged Violations			
Eval No System ID and Name	System Type	Repeat Uncorrecte	d Corrected Tota		
20171135 610134 DALLAS	Distribution	0 5	38		
Inspector(s)	Regional Office	Phone Number			
David Faulkner	Fort Worth	(817) 882-8966			
Jeremy Dudik	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	i.				

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 dentification 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**

Page 1 of 4

### Safety Division

### Alleged Violation List

All correspondence must include the Inspection Package and Evaluation Number

Inspection Package: 115347	Activity/Classication: 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:

t: 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**

Page 2 of 4

## **Safety Division**

## **Alleged Violation List**

All correspondence must include the Inspection Package and Evaluation Number

Inspection Package: 115347	Activity/Classication: 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.
<b>Requirement:</b>	49 CFR 192.353(a)
Notes:	
Description:	Other: Customer meters and regulators
Location:	<ul> <li>(a). Meter installation at 8233 Military Pkwy, Forester Athletic Stadium</li> <li>(b). Meter installation at 4200 Metropolitan Ave, Dunbar Learning Center</li> <li>(c). Meter at 6426 Seco Blvd</li> <li>(d). Meter at 11303 Lippitt Ave</li> <li>(e). Meter at 8655 N Mediterranean Circle</li> <li>(f). Meter at Walnut Hill Elementary, 10115 Midway Road</li> </ul>
. 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:	<ul> <li>(a).CP65371, 5051 Watson St</li> <li>(b). CP65371A, 5130 Watson St</li> <li>(c). CP26512:TP1, 11823 Flamingo Lane</li> <li>(d). CP26512:TP2, 11610 Mayfair Boulevard</li> <li>(e). CP36456:TP2, 8822 Forest Hills Boulevard</li> <li>(f). CP26544:TP2, 11737 Rogue Way</li> <li>(g). CP43095, 3463 Bernal Drive (Corrected)</li> <li>(h). CP52224:TP1, 1315 Pinto Street (Corrected)</li> </ul>
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

Page 3 of 4

# **Alleged Violation List**

All correspondence must include the Inspection Package and Evaluation Number

Inspection Package: 115347 Activity/Classication: Standard/Comp		Activity/Classication: Standard/Comprehensive		
System Name: DAL	LAS	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	n by June 16, 2017,		
Description:	The meter(s) and service regulator(s accessible location.	e) at the following site(s) was not installed in a readiliy		
Requirement:	49 CFR 192.353(a)			
Notes:				
Description	: Other: Customer meters and regula	tors		
Location:	(a). Inside meter at James Madison	High School,3000 Martin Luther King Jr Blvd		
Comment:	(a). The meter is located inside the k school maintenance personnel, not	ocked structure where it can be accessed only by the Atmos service personnel.		
Item Number: 5				
Action Needed:	Violation requires a plan of correction	n by June 16, 2017.		
Description:	The meter(s) in the building(s) listed three feet from any ignition or heat s	below was not located in a ventilated place or more than ource.		
Requirement:	49 CFR 192.353(c)	· · · · · · · · · · · · · · · · · · ·		
Notes:				
Description	: Other: Customer meters and regulat	tors		
Location: Comment:	<ul> <li>(a). Inside meter at James Madison</li> <li>(b). Inside meter at Walnut Hill Elem</li> <li>(a). The meter installation is located ventilate natural gas during the releation (b). The Relief Device on the school was vented inside the meter building item was corrected during the audit.</li> </ul>	High School,3000 Martin Luther King Jr Bivd Ientary School, 10115 Midway Road (Corrected) Inside the school structure where there are no places to ase of product. Meter at Walnut Hill Elementary, 10115 Midway Road, g. Atmos rerouted the vent line to exit the building, so this		
Item Number: 6		:		
Action Needed:	Violation requires a plan of correction	1 by June 16, 2017.		
Description:	The outside terminal of the service rewas not rain and insect resistant.	egulator vent(s) or relief vent(s) at the following location(s)		
<b>Requirement:</b>	49 CFR 192.355(b)(1)			
Notes:		· · · · · · · · · · · · · · · · · · ·		

# **Railroad Commission of Texas**

Page 4 of 4

# Safety Division

## **Alleged Violation List**

All correspondence must include the Inspection Package and Evaluation Number

Inspection Packa	spection Package: 115347 Activity/Classication: Standard/Comprehe			
System Name: DALLAS		Evaluation Number: 20171135		
Description:	Other: Customer meters and regulat	tors		
Location:	(a). Inside meter at James Madison	High School,3000 Martin Luther King Jr Blvd,		
Comment:	(a). The meter service regulator ven	t was installed without insect resistant screen.		
Item Number: 7				
Action Needed:	Violation requires a plan of correction	n by June 16, 2017.		
Description: Requirement:	During post repair inspection, gas co did not conduct a post-repair leak ins Title 16, 8.207(e)(2)	ncentrations were found greater than 0%, and the operator spection within 30 days after the repair was made.		
Notes:				
Description:	Other: Leak Grading & Repair	:		
Location:	(a). Leak #558737 / 562711, 3544 S (b). Leak #552316 / 556664, 800 Ro	tanford Avenue		
Comment:	<ul> <li>(a). The repair at 3544 Stanford Average concentration greater than 0% after repair monitoring was not continued unrepaired at the time of inspection.</li> <li>(b). The repair at 800 Rockwood Average concentration greater than 0% after was not conducted until 21 July 201</li> </ul>	nue was completed on 16 Sept 2017 with a gas the repair and on 01 Oct 2016, but the next monthly post- until 07 Jan 2017. New Leak #562711 was still enue was completed on 06 May 2016 with a gas the repair, but the first monthly post-repair monitoring 6. New Leak #556664 was repaired on 23 Nov 2016.		
Item Number: 8				
Action Needed:	Violation corrected. No action require	ed.		
Description: Requirement:	The operator did not remove and repriser installations that were not manu specifications for Category 1 fittings I Title 16, 8.208(g)	lace all compression couplings at currently known service factured and/or installed in accordance with ASTM D2513 by November 30, 2009.		
Notes:		· · · · ·		
Description:	Other: Mandatory Removal and Rep	lacement Program		
Location:	2838 Blyth Drive			
Comment:	At 2838 Blyth Drive, a "pre-bent rise ASTM D2513. The service line and r	r" was found that does not meet the requirements of iser 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

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, 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 4<sup>th</sup> and 5<sup>th</sup>, 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 4<sup>th</sup> and 5<sup>th</sup>, 2017, refresher training was provided to technicians regarding appropriate procedures for post monitor leak inspection. See attached roster sheet of technicians attending refresher training.

\*\* /

Work Order Number: 74885	Town: Dallas		ID: CP65371
Original Found Date: 04/27/2017	Location: 5051 Watso	n	
Found Tech: Gallaway, Eric	Mapsheet:	6537 Mapseo:	66E Book: 73
Description of Work Needed:			
Instail 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         Isulated         Verified Poly         Installed Number of Anodes:         Pipe To Soil After Repairs:         Location Of New Test Lead:	<ul> <li>Installed Test Leads</li> <li>Curb Box</li> <li>Curb</li> <li>Valve Box</li> <li>Gas Sign</li> <li>Pole</li> <li>Other</li> </ul>	External Condition	on Of Metal Pipe Exposed <u>Coating</u> None X Good Fair Poor
Remarks: Found on TRRC and Repaired By: Phelps, Oliver-CAN	it (Quad D)	/ Date: 5	/25/2017
	······	2/u.u. J	

Work Order Number: 74884	Town: Dallas	<i>.</i>	<b>D:</b> CP65371A
Original Found Date: 04/27/2017 Lo	ocation: 5127 Watson		
Found Tech: Gallaway, Eric	Mapsheet: 65	37 Mapsco: 6	6E Book: 73
Description of Work Needed:		·	
, <u> </u>	· · · · · · · · · · · · · · · · · · ·		
•			
Install Test Leads - Pole.		: -	
•		· .	
Additional Information:			
install test station at power pole in front			
	- 	·. · ·	
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		
Verified Poly	🔲 Valve Box	X None	None
Installed Number of Anodes:	🔀 Gas Sign	Light	X Good
	Pole	Meduim	Fair
	Other	Heavy	Poor
-			· · · ·
Dine To Soil & Bar Densire 1.260			
Tipe To Son And Ropads		<u>:</u> •	
Location Of New Test Lead:		······	· · ·
Remarks: Found on TRRC audit (	Quad D)		
	<i>s</i>		
		1	
	,	·	·
Rangingd Ruy Dhalms Olivion CANT		Diatas 5/3	5/2017
represent by Inclus, Onver-CAIN		<u></u>	

Work Order Number: 74828	Town: Dallas	:		ID: CP26512
Original Found Date: 04/25/2017	Location: 11819 FLAMU	NGO		
Found Tech: Watkins, Carnell	Mapsheet: 265	Mapsco:	38L E	Book: 25
Description of Work Needed:				
Install Test Leads - Gas Sign.	<i>(</i>	¢/ 4 	•	
Additional Information:				
Install T/S behind 11818 Flamingo,4 <sup>4</sup>	' main under concrete.	: :	· .	
Assigned to:		-		
Work performed: Insulated Bridge Hanger Installed Poly To Insulate Isulated Verified Poly Installed Number of Anodes:	<ul> <li>Installed Test Leads</li> <li>Curb Box</li> <li>Curb</li> <li>Valve Box</li> <li>Gas Sign</li> <li>Pole</li> <li>Other</li> </ul>	External Condition	n Of Metal P <u>Cc</u> X X	<u>ipe Exposed</u> pating None Good Fair Poor
Pipe To Soil After Repairs: Location Of New Test Lead: <i>Remarks:</i> PLEASE return w.	.590 /o when done (TRC)			
Repaired By: Phelps, Oliver-CAN	1	Date: 51	/11/2017	

Work Order Number: 74828A	Town: Dallas	·			ID:	CP26512
Original Found Date: 04/25/2017	Location: 11819 FL	AMINGC	) '.			
Found Tech: Watkins, Carnell	Mapsheet:	2651	Mápsco:	38L	Book:	25_
Description of Work Needed:	· · · · · · · · · · · · · · · · · · ·		:			
Install Test Leads - Gas Sign.	·		:			-
			I			
Additional Information:			•			· ·
Install T/S behind 11818 Flamingo,4" ma	ain under concrete.					
	•					
Assigned to:			·			
<ul> <li>Insulated Bridge Hanger</li> <li>Installed Poly To Insulate</li> <li>Isulated</li> <li>Verified Poly</li> <li>Installed Number of Anodes:</li> </ul>	<ul> <li>Installed Test Leads</li> <li>Curb Box</li> <li>Curb</li> <li>Valve Box</li> <li>Gas Sign</li> <li>Pole</li> <li>Other</li> </ul>	s <u>F</u>	xternal Conditio	<u>n Of Me</u>	tal Pipe E Coating	<u>xposed</u> e
Pipe To Soil After Repairs: -1.15 Location Of New Test Lead:	50				·····	
<i>Remarks:</i> zone up after short re	paired		· · · · · · · · · · · · · · · · · · ·			
Repaired By: Watkins, Carnell	· · · · · · · · · · · · · · · · · · ·		Date: 4	/3/2017	· · · · · · · · · · · · · · · · · · ·	

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Work Order Number: 74829	Town: Dallas	:	ID: CP26512
Original Found Date: 04/25/2017	Location: 11813 FLAMI	NGO	• •
Found Tech: Watkins, Carnell	Mapsheet: 265	1 Mapsco: 3	38D Book: 25 -
Description of Work Needed:			
Number of Anodes - 1;			
Anodes Wt 32# Anode.			
		, ,	
A J Jittino J To Power officer			· · ·
Automatical anota habind 11813 Hamin	an A <sup>ll</sup> main under concrete		
Instan 2210 SHORE DEBING 11012 LISINI	ISO 4 IIIAIII IIIIGE COHEIGIG	· · · ·	
Assigned to:			
Work performed:			
Insulated Bridge Hanger	Installed Test Leads	External Condition	Of Metal Pipe Exposed
Installed Poly To Insulate	🔲 Curb Box	Correction	Conting
Isulated	🔲 Curb	Conosion	Coating
Verified Poly	U Valve Box	X None	None
X Installed Number of Anodes: 1	🔲 Gas Sign	Light	X . Good
32# Anode	Pole	Meduim	Fair
	Other -		
		Heavy	· Poor
		·* . ·	
Pipe To Soil After Repairs: -0.6	90	τ,	
Location Of New Test Lead:			
		• :	· · · · · · · · · · · · · · · · · · ·
Remarks: Please return w/o w	hen done. (TRC)	:	
		· · · · · · · · · · · · · · · · · · ·	· ·
		•	
	• 		•
Repaired By: Phelps. Oliver-CAN	. :	Date: 5/1	1/2017
		····· . · ·	· · · · · · · · · · · · · · · · · · ·

Work Order Number: 74829A	Town: Dallas	· · ·	<b>ID:</b> CP26512
Original Found Date: 04/25/2017	Location: 11813 FLAM	NGO	
Found Tech: Watkins, Carnell	Mapsheet: 26	51 Mapseo: 38D	Book: 25
Description of Work Needed:			·
Number of Anodes - 1;		*	
/			
		`.	
Anodes Wt 32# Anode.		•	· · ·
Additional Information:			
Install 32lb anode behind 11813 Flar	ningo 4" main under concrete	· .	
		;	
Assigned to:	· · · · · · · · · · · · · · · · · · ·		·
Work nerformed:		•••···	
Travlated Bridge Henser	Tratation Test Loads	Tentaria Con Mittan Of	Setal Dine Experts
L Insulated Bridge Hanger		External Condition Of r	vietai Pipe Exposed
X Installed Poly 10 Insulate		Corrosion	Coating
Verified Poly	Ll Curb	None	None
	Valve Box		
Installed Number of Anodes:	Gas Sign	Light	Good
	Pole .	Meduim	Fair
•	Other		· ·
		Heavy	Poor
			. ·
Pipe To Soil After Repairs: -	1.150		
	-	•	
Location Of New Test Lead:		1 	
Reminents: zone un affer sho	rt repaired		
		• •	,
	·	·	
		· .	
	,	1	
	- · ·		
		Deter Clock	14
Kepairea By: Watkins, Carnell			<u>, , , , , , , , , , , , , , , , , , , </u>

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Work Order Number: 74830	Town: Dallas		<b>ID:</b> CP26512
Original Found Date: 04/25/2017	Location: 11727 FLAMD	NGO	
Found Tech: Watkins, Carnell	Mapsheet: 265	1 Mapsco: 38D	Book: 25
Description of Work Needed: Number of Anodes - 1; Anodes Wt 32# Anode.			
		:	
Additional Information:			
Install 32lb. anode behind 11727 Flamin	go 4" main under concrete		
Assigned to:			
Work performed:         Insulated Bridge Hanger         Installed Poly To Insulate         Isulated         Verified Poly         Installed Number of Anodes:         32# Anode	<ul> <li>Installed Test Leads</li> <li>Curb Box</li> <li>Curb</li> <li>Valve Box</li> <li>Gas Sign</li> <li>Pole</li> <li>Other</li> </ul>	External Condition Of         Corrosion         X       None         X       Light         Meduim       Heavy	Metal Pipe Exposed Coating None X Good Fair Poor
Pipe To Soil After Repairs: _0.75 Location Of New Test Lead: 	20 en done . (TRC)	: 	
Repaired By: Phelps, Oliver-CAN		Date: 5/11/2	017

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Work Order Number: 74830A	Town: Dallas				ID:	CP26512
Original Found Date: 04/25/2017 L	ocation: 11727 FL	AMINGO				
Found Tech: Watkins, Carnell	Mapsheet;	2651	Mapsco:	38D	Book:	25 .
Description of Work Needed:					·····	
Number of Anodes - 1;		ι.		-		
	•		·			
Anodes Wt 32# Anode.		•	:			
Additional Information:						
Install 32lb. anode behind 11727 Flaminge	o 4" main under conc	rete				
· · ·	• *				• * .	
Assigned to:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		···· - · · · · · · · · · · · · · · · ·			
Work performed:						
Insulated Bridge Hanger	Installed Test Leads	Exte	nal Conditic	n Of Me	tal Pipe Ex	posed
Installed Poly To Insulate	🔲 Curb Box		Corrosion		Coating	
X Isulated	Curb	, , ,	Nero			
	Valve Box					
Installed Number of Anodes:	Gas Sign	Ĺ	Light		Good	
	Other		Meduim		Fair	
			Неауу		D Poor	
Pipe To Soil After Repairs: -1.150			:			
Location Of New Test Lead:						
			-	<u> </u>		
<i>Remarks:</i> Zone up after meter sho			4 2 4			
			· i .			
			•			
			·			
Repaired By: Watkins, Carnell			Date: 5	/23/2017		
· · · · · · · · · · · · · · · · · · ·		·				

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Work Order Number: 74831	Town: Dallas		ID: CP26512
Original Found Date: 04/25/2017	Location: 11629 FLA	MINGO	
Found Tech: Watkins, Carnell	Mapsheet:	2651 Mapsco:	38D Book: 25
Description of Work Needed:			•
Number of Anodes - 1;			4
			,
Anodes Wt 32# Anode.		1	
	•		
Additional Information:		· · · · · · · · · · · · · · · · · · ·	
Install 321b. anode behind 11629 Flamin	go 4" main under concre	te	
			·
Assigned to:		·	
Work performed:		······································	•
Insulated Bridge Hanger	Installed Test Leads	External Conditi	on Of Metal Pipe Exposed
Installed Poly To Insulate	🔲 Curb Box	Corrogian	Costing
Isulated	Curb		
Verified Poly	Valve Box	X None	None
X Installed Number of Anodes: 1	🔲 Gas Sign	Light	X Good
32# Anode	Pole	Meduim	Fair
	Other		
		•	
Pipe To Soil After Repairs: -0.79	20	• •	
Location Of New Test Lead:		;	
Diamate Diamate relation		<u> </u>	
Kemaras: Please return w/o wh	len done. (IKC)	· · · · · · · · · · · · · · · · · · ·	
	7	•	
,		•	
· · · · · · · · · · · · · · · · · · ·	·····	· · · · · · · · · · · · · · · · · · ·	I
Repaired By: Phelps, Oliver-CAN		Date:	5/12/2017
1			

Work Order Number: 74831A	Town: Dallas			ID: CP26512
Original Found Date: 04/25/2017	Location: 11629 FLAN	AIINGO		
Found Tech: Watkins, Carnell	Mapsheet: 2	651 Mapso	:0: 38D	Book: 25
Description of Work Needed:				
Number of Anodes - 1;				
Anodes W1 32# Anode.				
			•	
Additional Information:		· · ·		
Install 32lb. anode behind 11629 Flam	ungo 4" main under concret	e		-
·	.* .			
,	·	—	·	
Assigned to:		:		
Work performed:				
Insulated Bridge Hanger	Installed Test Leads	External Cond	lition Of Me	tal Pipe Exposed
Installed Poly To Insulate	Curb Box	Corrosion		Coating
Verified Poly	Curb	None	J	None
	∐ Valve Box ,		,	
Installed Number of Anodes:		Light		Good
		Meduin	<b>n</b> .	Fair
		Heavy		Poor
	•	·	•	
Pipe To Soil After Repairs: -1.	160		1	
Location Of New Test Lesd.		· ' · · ·		
	· · · · · · · · · · · · · · · · · · ·	•	-	
Remarks: zone up after short	repaired			
		:		
		, ,		
		·····		
Repaired By: Watkins, Carnell		Date:	<u>5/23</u> /2017	•
······································				

Work Order Number: 74832	Town: Dallas	, ; ;	D: CP26512
Original Found Date: 04/25/2017	Location: 11523 FLAN	AINGO	
Found Tech: Watkins, Carnell	Mapsheet: 2	2651 Mapsco: 38D	Book: 25
Description of Work Needed:	·	·	
Number of Anodes - 1;	•		
			-
Anadaa WA 204 Anada		· .	· · · ·
Anoues W J2# Anoue,		•	
Additional Information:		·	
Install 32lb anode behind 11523 Fla	amingo 4" main under concrete	Э,	
		·	
Assigned to:			
Work performed:			
Insulated Bridge Hanger	Installed Test Leads	External Condition Of N	fetal Pipe Exposed
Installed Poly To Insulate	Curb Box		
Isulated	□ Curb	Corrosion	Coating
Verified Poly	Valve Box	X None	None None
X Installed Number of Anodes:	Gas Sign	Light	X Good
32# Anode	Pole		
	☐ Other		L ran
	·	Heavy	Poor
· .		•	
Pine To Soil After Renziry	0.650	· · · ·	
The to poil Hurd repails.		. ,	
Location Of New Test Lead:	····	······	,
Barrie grif-rat	a when done (TRA)		
<i>Remarks:</i> Flease female w/			
		•	
· ·			
		• •	
Renaired Ry: Dhalns Aliver C.	۵NT	Date: 5/12/20	17
THOMAS OTAPL	д і		<u>, ,                                   </u>

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Work Order Number: 74832A	Town: Dailas	• • .	<b>D:</b> CP26512
Original Found Date: 04/25/2017	Location: 11523 FLAM	(IINGO	Ì
Found Tech: Watkins, Carnell	Mapsheet: 2	651 Mapsco: 38D	Book: 25
Description of Work Needed:			•
Number of Anodes - 1;			-
		•	
Anodes Wt 32# Anode.			
Additional Information:		· · · · · · · · · · · · · · · · · · ·	
Install 32lb anode behind 11523 I	Flamingo 4" main under concrete	۱ ۶.	
		·····	
Assigned to:			
Work performed:	-	<u>.</u> (,	
Insulated Bridge Hanger	Installed Test Leads	External Condition Of N	Ietal Pipe Exposed
Installed Poly To Insulate	Curb Box	Corrosion	Coating
Isulated	🔲 Curb	<u></u>	
Verified Poly	' 🔲 Valve Box	None None	None
Installed Number of Anodes:	Gas Sign	Light	Good Good
	Pole	Meduim	Fair
	Other	Heavy	Poor
		L IICavy	
Pipe To Soil After Repairs:	-1.160		
Location Of New Test Lead:	•	· · · · · · · · · · · · · · · · · · ·	
Remarks: zone un after i	meter short repaired	· · · · · · · · · · · · · · · · · · ·	
	WARDER Frankerse		
		•	
·			
		n., rinches	17
Repaired By: Watkins, Carne	Ш	Date: <u>5/23/20</u>	1/
		ł	······································

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Work Order Number: 74833 T	own: Dallas				ID: CP26512
Original Found Date: 04/25/2017 Loca	ation: 11427 FL/	MINGO			
Found Tech: Watkins, Carnell	Mapsheet:	2651 ·	Mapsco:	38D I	Book: 25
Description of Work Needed:	······································				
Number of Anodes - 1;		•	r	;	
					•
Anodes Wt 32# Anode.			-		
			·		· · · · · · · · · · · · · · · · · · ·
Additional Information:			1		
Install 1- 32lb anode behind 11427 Flamingo	, 4" main under co	oncrete			•
, i i i i i i i i i i i i i i i i i i i					,
Assigned to:					
Work performed:			 		·····
Insulated Bridge Hanger	istalled Test Leads	Extern	al Conditio	n Of Metal I	Pipe Exposed
Installed Poly To Insulate	Curb Box	Co	mosion	G	oating
	] Curb	<u>एस</u>	<u>11031011</u>		Man
	Valve Box		INORE		none
X Installed Number of Anodes: 1	] Gas Sign		Light	X	Good ·
32# Anode	] Pole		Meduim		Fair
. L			Heavy		Poor
Pipe To Soil After Repairs: - <u>0.770</u>					
Location Of New Test Lead:					····
Remarks: Please return w/o when do	one. (TRC)	. <u></u>			
			,		
			3		
Repaired By: Phelps, Oliver-CAN			Date: 5	/13/2017	

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Work Order Number: 74833A	Town: Dallas		I	D: CP26512
Original Found Date: 04/25/2017	Location: 11427 FLAMING	ю.		
Found Tech: Watkins, Carnell	Mapsheet: 2651	Mapsco:	38D Bool	<b>c:</b> 25
Description of Work Needed:	· · · · · · · · · · · · · · · · · · ·			
Number of Anodes - 1;				-
Anodes Wt 32# Anode.	•			
				- /
Additional Information:				
Install 1-32lb anode behind 11427 Fla	mingo, 4" main under concrete	· · · · · · · · · · · · · · · · · · ·		、
` .		· · ···		
Assigned to:	· · · · · · · · · · · · · · · · · · ·			
Work performed:		:		
Insulated Bridge Hanger	Installed Test Leads	External Condition	on Of Metal Pipe	Exposed
X Installed Poly To Insulate		Corrosion_	Coati	og
Verified Poly		None	N	one
Installed Number of Anodes	Gas Sign	int int		hood
	C Cther	Meduim	F	air
1 		🔲 Heavy	<b>P</b>	oor
·		•		
Pipe To Soil After Repairs: <u>-1.</u>	160			
Location Of New Test Lead:				P
Remarks: 200e 110 after meter	short repaired		•••••••••••••••••••••••••••••••••••••••	
	and the function of the functi			
*	,	!		
	6	:		
		(		
1				
Repaired By: Watkins, Carnell		Date: 5	/23/2017	
	······································			
	•	۰.	• •	

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Work Order Number: 74834	Town: Dallas	,	ID: CP26512
Original Found Date: 04/25/2017	Location: 11830 FLAM	INGO	· .
Found Tech: Watkins, Camell	Mapsheet: 26	551 Mapsco: 38D	Book: 25
Description of Work Needed:			······
Number of Anodes - 1;		-	· · · ·
· ·			
Anodes Wt 32# Anode.		•	
· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		
Additional Information:		•	
Install 1- 32lb anode behind 11830 Flam	ingo 4ª main under concre	ete	<i>.</i>
	1	· · ·	
Assigned to:	· · · · · · · · · · · · · · · · · · ·		
Work performed:		•	
Insulated Bridge Hanger       []         Installed Poly To Insulate       []         Isulated       []         Verified Poly       []         Installed Number of Anodes: 1       2000 Anodes: 1	Installed Test Leads Curb Box Curb Box Curb Valve Box Gas Sign	External Condition Of Corrosion X None Light	Metal Pipe Exposed Coating None X Good
	C Other	Heavy	Fair Peor
Pine To Soil After Repairs: -0.67	70	•	
Location Of New Test Lead:		·	·
Remarks: Please return when y	w/o done (TRC)		
Repaired By: Phelps, Oliver-CAN		Date: <u>5/15/2</u>	

Work Order Number: 74834A	Town: Dallas	· ,	ID: CP26512
Original Found Date: 04/25/2017	Location: 11830 FLAMIN	IGO	•
Found Tech: Watkins, Carnell	Mapsheet: 2651	Mapsco: 3	8D Book: 25
Description of Work Needed:			
Number of Anodes - 1;		-	
Anodes Wt 32# Anode.		•.	-
· ·			
Additional Information:			
Install 1- 32lb anode behind 11830 Fla	mingo 4" main under concrete	•د	
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 Verified Poly	Curb	None '	None
Installed Number of Anodes:	🔲 Gas Sign	Light	Good
	Pole	Meduim	Fair
	U Other	Heavy	Poor
Pipe To Soil After Repairs: -].	.50		
			······································
Remarks: zone up after meter	shorte repaired		
		2	
Repaired By: Watkins, Carnell		Date: 5/22	3/2017

Vork Order Number: 74835	Town: Dallas	÷	<b>ID:</b> CP26512
Driginal Found Date: 04/25/2017	Location: 11802 FLAMD	1GO	
found Tech: Watkins, Carnell	Mapsheet: 265	1 Mapsco: 38D	Book: 25
Description of Work Needed:		ł	
Number of Anodes - 1;	•		
			× .
Anodes Wt 32# Anode.		s"	, · ·
Additional Information:			· · · · · · · · · · · · · · · · · · ·
Install 1-321b anode behind 11802 F	LAMINGO 4" main under conc	rete.	
	· · · · · · · · · · · · · · · · · · ·	: 	
Assigned to:		·	
Work performed: —			
Insulated Bridge Hanger	Installed Test Leads	External Condition Of I	Aetal Pipe Exposed
Installed Poly To Insulate	Curb Box	Corrosion	Coating
Verified Poly		X None	None None
X Installed Number of Anodes: 1	Gas Sign	, Light	X Good
32# Anode	Pole		- Point
Ŧ .	· Other	, iAleodinu	
		Heavy	Poor
		, ,	
Pipe To Soil After Repairs:	0.730		
Location Of New Test Lead:		, 	
Pierrer Place return wh	when done (TRC)		
Kemarks: Flease fourin wh			
	(	4	
		:	
		- -	
Ranginad Rue Dhelno Oliver Ol		Date: 5/15/20	)17
THEIPS, OUVEL-OF	ш 1		· · · · · · · · · · · · · · · ·

Work Order Number: 74835A	Town: Dallas		ID: CP26512
Original Found Date: 04/25/2017	Location: 11802 FLAMI	NGO	
Found Tech: Watkins, Carnell	Mapsheet: 26	51 Mapsco: 38D	Book: 25
Description of Work Needed:		:	
Number of Anodes - 1;			
		-,	
Anodes Wt 32# Anode,		,	
		:	
		,	······································
Additional Information:			· · · · · · · · · · · · · · · · · · ·
Install 1-3210 anode behind 11802 PL	AMINGO 4" main under con	crete.	
Assigned to:	···· ····	······································	
Work parformed			
Translated Bridge Hangen	Tratallad Trat Trada	Enternal Car differen Of	N Astri Dine Time as a
Insulated Bridge Flanger		External Condition Of	Ivietal Pipe Exposed
X Imilated		Corrosion	Coating
Verified Poly	U Valve Box	None None	None
Installed Number of Anodes		Light	Good
Instance Remote of Fundes.			
	☐ Other	Meduim	Fair
		Heavy	Poor
	х.		
Pipe To Soil After Repairs: -1.	150		
		:	
Location Of New Test Lead:	·····		
Remarks: zone up after mete	er set insulated		· · · · · · · · · · · · · · · · · · ·
			x.
	k.		
		:	
		· · · · · · · · · · · · · · · · · · ·	
Repaired By: Watkins, Carnell		Dute: <u>5/23/2</u>	017
· · · · · · · · · · · · · · · · · · ·	-	· · · · · · · · · · · · · · · · · · ·	

Work Order Number: 74836	Town: Dallas		D: CP26512
Original Found Date: 04/25/2017	Location: 11614 FLAME	NGO	
Found Tech: Watkins, Carnell	Mapsheet: 265	51 Mapsco: 38I	) Book; 25
Description of Work Needed:	· · · · · · · · · · · · · · · · · · ·		
Number of Anodes - 1;			
Anodes Wt 32# Anode.		:	
Additional Information:			
Install 1-32lb anode behin 11614	Flamingo 4 <sup>#</sup> main under concrete.	· · · · · · · · · · · · · · · · · · ·	•
		1 	•
Assigned to:	· · · · · · · · · · · · · · · · · · ·		
Work performed:		· · · · ·	
<ul> <li>Insulated Bridge Hanger</li> <li>Installed Poly To Insulate</li> <li>Isulated</li> <li>Verified Poly</li> </ul>	<ul> <li>Installed Test Leads</li> <li>Curb Box</li> <li>Curb</li> <li>Valve Box</li> </ul>	External Condition Of Corrosion	Metal Pipe Exposed Coating None
X Installed Number of Anodes: 32# Anode	1 Gas Sign Pole Other	Light Meduim Heavy	X Good Fair Poor
Pipe To Soil After Repairs: Location Of New Test Lead:	-0.730		
Remarks: Please return w	/o when done. (TRC)		
Repaired By: Phelps, Oliver-O	AN	Date: 5/15/2	017

Work Order Number: 74836A	Town: Dallas		ID: CP26512
Original Found Date: 04/25/2017	Location: 11614 FLAMIN	IGO	
Found Tech: Watkins, Carnell	Mapsheet: 265	1 Mapsco: 38D	Book: 25
Description of Work Needed: Number of Anodes - 1;			
Anodes Wt 32# Anode.	•	. I	
· · · · · · · · · · · · · · · · · · ·			<b>_</b>
Additional Information: Install 1- 32lb anode behin 11614 Flam	ingo 4" main under concrete.	· · · · · · · · · · · · · · · · · · ·	
Assigned to:	······	•	
Work performed:         Insulated Bridge Hanger         Installed Poly To Insulate         Isulated         Verified Poly         Installed Number of Anodes:	<ul> <li>Installed Test Leads</li> <li>Curb Box</li> <li>Curb</li> <li>Valve Box</li> <li>Gas Sign</li> <li>Pole</li> <li>Other</li> </ul>	External Condition Of M <u>Corrosion</u> None Light Meduim Heavy	Coating         None         Good         Fair         Poor
Pipe To Soil After Repairs:       -1.1         Location Of New Test Lead:	60 :		
<i>Remarks:</i> zone up after meter	insulated	-	
Repaired By: Watkins, Carnell		Date: <u>5/23/20</u>	17

/ork Order Number: 75062	Town: Dallas		<b>D:</b> CP26512
riginal Found Date: 05/15/2017	Location: 11634 FLAMING	30	
ound Tech: Watkins, Carnell	Mapsheet: 2651	Mapsco: 38D	Book: 25
Description of Work Needed:			
		•	
nsulate.		•	
Additional Information:	······································		
Insulate meter set at 11634 Flamingc	meter # 118758866	,	
· · ·			
Assigned to:	•		
Work performed:	· · · · · · · · · · · · · · · · · · ·		
Insulated Bridge Hanger	Installed Test Leads	External Condition Of M	etal Pipe Exposed
Installed Poly To Insulate	Curb Box	Corrosion	Coating
Verified Poly		None	None
Installed Number of Anodes		Tight	
	Pole Other	Meduim Heavy	Fair Poor
Pipe To Soil After Repairs:	1 150		
Location Of New Test Lead:		:	
Remarks: mterr set insulate	d .zones read up		
•	· · · · · · · · ·	; ; ;	
Repaired By: Barnette, Sam		Date: 5/23/201	7

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Work Order Number: 74861	Town: Dallas		. •		D:	CP36456
Original Found Date: 04/26/2017 J	Location: 8600 FOR	EST HILLS BL	VD			
Found Tech: Watkins, Carnell	Mapsheet:	3645	Mapsco:	37V	Book:	35 .
Description of Work Needed: Number of Anodes - 1;	<u> </u>		· ·			
Anodes Wt 17# Anode.						
Additional Information:			· · · · · · · · · · · · · · · · · · ·			······
Install t/s and gas sign behind 8600 Fores	t Hills blvd. 2º main i	n soil				
Assigned to:		e				
Work performed:	<u> </u>					
<ul> <li>Insulated Bridge Hanger</li> <li>Installed Poly To Insulate</li> <li>Isulated</li> <li>Verified Poly</li> <li>Installed Number of Anodes: 1</li> <li>17# Anode</li> </ul>	<ul> <li>Installed Test Lead</li> <li>Curb Box</li> <li>Curb</li> <li>Valve Box</li> <li>Gas Sign</li> <li>Pole</li> <li>Other</li> </ul>	s <u>Extern</u>	al Condition rosion None Light Meduim Heavy	on Of M	Coating	tposed i
Pipe To Soil After Repairs: <u>0.00</u> Location Of New Test Lead: Remarks: found 2" Poly Main	0					
Repaired By: Phelps, Oliver-CAN			Date:	5/17/201	7	·

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Work Order Number: 74861A	Town: Dallas		ID: CP36456	
Original Found Date: 04/26/2017	Location: 8600 FORES	ST HILLS BLVD	·	
Found Tech: Watkins, Carnell	Mapsheet: 3	645 Mapsco: 37	V Book: 35	
Description of Work Needed:	-			
Number of Anodes - 1;	· ·			
		:		
Anodes Wt 17# Anode.				
	· · · · · · · · · · · · · · · · · · ·	1		
Additional Information:	·			
Install t/s and gas sign behind 860	) Forest Hills blvd. 2" main in s	oil		
Assigned to:	······································	<u> </u>	· · · · · · · · · · · · · · · · · · ·	
Work performed:	<u>.</u>	· · · · · · · · · · · · · · · · · · ·		
Insulated Bridge Hanger	Installed Test Leads	External Condition O	f Metal Pipe Exposed	
Installed Poly To Insulate	Curb Box	Correction	Conting	
Isulated	🗌 Curb		Coamg	
Verified Poly -	Valve Box	None	None None	
Installed Number of Anodes:	Gas Sign	Light	Good	
	Pole	Meduim	Fair Fair	
		Heavy	Poor	
	• .			
Pipe To Soil After Repairs:	<u>-1.470</u>	* :		
Location Of New Test Lead:		4 1		
Ramarka atal main man	found nour the way installed he	ahind 8616 Bornet Willia		
Acmurns; Steel main was	Tound, now it's was instanted De	anna 9010 Loigst Hills		
			•	
		, ī		
Repaired By: Watkins, Carnell	·	Date: 5/23/	2017	
		· · · · · · · · · · · · · · · · · · ·	·	
	· · · ·			
-----------------------------------------	-----------------------	---------------------------------------	---------------	---------------------------------------
Work Order Number: 74862	Town: Dallas	•		ID: CP36456
Original Found Date: 04/26/2017	Location: 8612 FORES	T HILL BLVD.		
Found Tech: Watkins, Carnell	. Mapsheet: 30	545 Mapsco:	37V J	Book: 35
Description of Work Needed:		н •		
Number of Anodes - 1;				
Anodes Wt 17# Апоde.	·			
Additional Information:				
Install anode behind 8612 Forest Hill	blyd. 2" main in soil	· · · ·	· · · · · ·	<u></u>
Assigned to:				
Work performed:			<u> </u>	
Insulated Bridge Hanger	Installed Test Leads	External Condition	on Of Metal I	Pipe Exposed
Installed Poly To Insulate	Curb Box	Corrosion	Ċ	oating
Isulated	🔲 Curb		<u>×</u>	outing
U Verified Poly	🔲 Valve Box	None .		None
Installed Number of Anodes:	🗌 Gas Sign	Light		Good
	Pole	Meduim		Fair
	Other	Heavy	. []	Poor
			\$ <b>\$</b>	
Pine To Soil After Repairs 0	000			•
	<u>.</u>			
Location Of New Test Lead:		:	3	
<i>Remarks:</i> found 2" poly main	1			
	,	;		
		N ·		
		1		
		· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·
Repaired By: Phelps. Oliver-CAN	ſ	Date:	5/17/2017	
• · · · · · · · · · · · · · · · · · · ·				

Work Order Number: 74862A	Town: Dallas	ŕ	ID: CP36456
Original Found Date: 04/26/2017	Location: 8612 FOREST	THILL BLVD.	
Found Tech: Watkins, Carnell	Mapsheet: 36	45 Mapsco: 37V	Book: 35
Description of Work Needed: Number of Anodes - 1;			
Anodes Wt 17# Anode.			
Additional Information:			
Install anode behind 8612 Forest Hill	blvd. 2" main in soil		
Assigned to:		•	
Work performed:          Insulated Bridge Hanger         Installed Poly To Insulate         Isulated         Verified Poly         Installed Number of Anodes:	<ul> <li>Installed Test Leads</li> <li>Curb Box</li> <li>Curb</li> <li>Valve Box</li> <li>Gas Sign</li> <li>Pole</li> <li>Other</li> </ul>	External Condition Of M Corrosion None Light Meduim Heavy	Letal Pipe Exposed         Coating         None         Good         Fair         Poor
Pipe To Soil After Repairs: <u>-1</u> Location Of New Test Lead:	.470	• : .	
Remarks: steel main was fou	nd , new t/s is behind 8616 Fc	Deter 5/02/201	7
Neputren Dy: Waikins, David-11	· · · · · · · · · · · ·	Dute; <u>3/23/201</u>	/

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Work Order Number: 74863	Town: Dallas		ID: CP36456
Original Found Date: 04/26/2017	Location: 8710 FOR	EST HILL BLVD	· .
Found Tech: Watkins, Carnell	. Mapsheet:	3645 Mapsco: 37V	Book: 35
Description of Work Needed:		۰ <b>۰</b>	·
Number of Anodes - 1;			
		• •	
Anodes Wt - 17# Anode.		- <b>4</b> 	
	,		
	\		•
Additional Information:			<u>.</u>
Install anode behind 8710 Forest Hi	11 B1vd. 2" main under conc	rete.	
·		,	
		• • • • • • • • • • • • • • • • • • • •	•
Assigned to:	• 		
Work performed:		'n	
Insulated Bridge Hanger	Installed Test Leads	<u>External Condition Of N</u>	Aetal Pipe Exposed
Installed Poly To Insulate	Curb Box	Corrosion	Coating
Isulated	Curb		
Verified Poly	Valve Box	X None	None
X Installed Number of Anodes: 1	Gas Sign	Light	X Good
17# Anode	Pole	Meduim	Fair
,	Other		
	•	Heavy	Poor
Pipe To Soil After Repairs:	-1.340		
Location Of New Test Lead:	•		
	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	······································
Remarks: Please return w/	o when done. (TRC)	•	
		, · · ·	
		• •	
		:	
			·
Panainal Bu Dhaha Oliver Ol	NNT	Data: 5/17/20	17
repaired by: rneips, Unver-CA	<u>, , , , , , , , , , , , , , , , , , , </u>	<i>Duit.</i> <u>J11//20</u>	1. /
			· · · · · · · · · · · · · · · · · · ·

Work Order Number: 74864	Town: Dallas	<b>%</b> ·	<b>ID:</b> CP36456
Original Found Date: 04/26/2017	Location: 8806 FORE	ST HILL BLVD.	,
Found Tech: Watkins, Carnell	Mapsheet:	3645 Mapsco: 37V	Book: 35
Description of Work Needed:		:	
Number of Anodes - 1;			
Anodes Wt 17# Anode.			
	,		
	-	·	l
Additional Information:	Till Dire Oli main under conora		
instali anode benind 8800 Porest i	ani biy. 2" man under concre		3
	• •		
Assigned to:	· · · · · · · · · · · · · · · · · · ·		
Work performed:			· · · · · · · · · · · · · · · · · · ·
Insulated Bridge Hanger	🔲 Installed Test Leads	External Condition Of N	Metal Pipe Exposed
🔲 Installed Poly To Insulate	Curb Box	Corrector	Coating
Isulated	🔲 Curb	<u>conosion</u>	
Verified Poly	· 🔲 Valve Box	X None	None
X Installed Number of Anodes:	1 Gas Sign	Light	X Good
17# Anode	Pole	Meduim	Fair
	Other		- Beer
		L Heavy	
			- -
Pipe To Soil After Repairs:	-1.350	• •	-
Location Of New Test Lead:	-		
Durantes Disease seture a	the when done (TPC)	<u></u>	
Kemarks: Liease return V	NO MUEL COUR. (IXC)	:	
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		:	
			]
Repaired By: Phelps, Oliver-O	CAN	Date: <u>5/17/20</u>	17

Work Order Number: 74865	Town: Dailas	e 	<b>D</b> : CP36456
Original Found Date: 04/26/2017	Location: 8910 FOR	EST HILLS BLVD.	, .
Found Tech: Watkins, Carnell	Mapsheet;	3645 Mapsco: 37V	Book: 35
Description of Work Needed:		- 	· ·
Number of Anodes - 1;			
		٤	
Anodes Wt 17# Anode.			
· ·	、	•	
Additional Information:			· · · · · · · · · · · · · · · · · · ·
Install anode behind 8910 Forest hills	olvd2" main under conc	rete	
		•	
· · · ·		!	
Assigned to:			· · · ·
Work performea:	The stalled Test I eads	External Condition Of	Matal Pina Exposed
Installed Poly To Insulate	Curb Box		Metal I the Exposed
Isulated	Curb	Corrosion	Coating
Verified Poly	🗌 Valve Box	X None	None
X Installed Number of Anodes: 1	🗌 Gas Sign	Light	X Good
17# Anode	Pole	Meduim	Fair
	Other	Heavy	Poor
Pipe To Soil After Repairs: -1	380		
		1 .	
Location Of New Test Lead:			
Remarks: Please return when	done. (TRC)		
		• .	
		· · ·	
		<u>1</u>	
Repaired By: Phelps, Oliver-CAN		Date: 5/18/20	<u></u>
	<b>-</b>		

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Work Order Number: 74866	Town: Dallas			ID: CP36456
Original Found Date: 04/26/2017 Lo	ocation: 8938 FOR	EST HILLS BLVD	<b>).</b>	
Found Tech: Watkins, Carnell	Mapsheet:	3645 M	apsco: 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:          Insulated Bridge Hanger       Installed Poly To Insulate         Isulated       Isulated         Verified Poly       Installed Number of Anodes: 1	Installed Test Leads Curb Box Curb Valve Box Gas Sign Pole Other	s <u>External (</u> <u>Corros</u> X No Li M He	Condition Of M sion one ght eduim eavy	<u>Coating</u> None         X       Good         Fair         Poor
Pipe To Soil After Repairs:       -1.440         Location Of New Test Lead:	ı done (TRC)	· · · · · · · · · · · · · · · · · · ·		
Repaired By: Phelps, Oliver-CAN		<sup>1</sup>	Date: <u>5/18/201</u>	7

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Work Order Number: 74854	Town: Dallas		ID: CP26544
Original Found Date: 04/26/2017	Location: 11727 ROGU	EWAY	•
Found Tech: Watkins, Carnell	Mapsheet: 26	54 Mapsco: 38H	Book: 25
Description of Work Needed:			
Number of Anodes - 1;		•	· ·
	· · ·		
Additional Information:	· · · · · · · · · · · · · · · · · · ·		
Install anode behind 11727 Rogue way	,3" main under concrete	:	
Assigned to:		,	
Work performed:         Insulated Bridge Hanger         Installed Poly To Insulate         Isulated         Verified Poly         X         Installed Number of Anodes:         17# Anode	<ul> <li>Installed Test Leads</li> <li>Curb Box</li> <li>Curb</li> <li>Valve Box</li> <li>Gas Sign</li> <li>Pole</li> <li>Other</li> </ul>	External Condition Of Corrosion X None Light Meduim Heavy	<u>Coating</u> None         X       Good         Fair         Poor
Location Of New Test Lead:		· · · · · · · · · · · · · · · · · · ·	
<i>Remarks:</i> Please return w/o w	hen done. (TRC)	 	
Repaired By: Phelps, Oliver-CAN	-	Date: <u>5/19/2</u>	2017
		· · · · · · · · · · · · · · · · · · ·	<u>````````````````````````````````</u>

Work Order Number: 74854A	Town: Dailas		<b>D</b> : CP26544
Original Found Date: 04/26/2017 L	ocation: 11727 RO	GUE 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	<u>_, ,.</u>		
Install anode behind 11727 Rogue way .3"	main under concrete	-	· · · · · · · · · · · · · · · · · · ·
Assigned to:			
Work performed:			
Insulated Bridge Hanger	Installed Test Leads	External Condition	on Of Metal Pipe Exposed
Installed Poly To Insulate	🔲 Curb Box	Corresion	Coating
X Isulated	🔲 Curb	Corrector	<u>ooating</u>
Verified Poly	Valve Box	None	None None
Installed Number of Anodes:	🔲 Gas Sign	Light	Good ~
	Pole	Meduim	Fair
	Other	П Неали	
		•	
Pipe To Soil After Repairs: - <u>1.390</u>		`	
Location Of New Test Lead:			<u></u> .
Dowerka Tone un after anoder is	etalled and meter she		
<i>Remarks:</i> Zone up aner alloues in	ESTATION AND MORE SHE	xtropanou	
		,	
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I			<u> </u>
Repaired By: Watkins, Carnell	1 <u></u>	Date: 5	5/26/2017

Work Order Number: 74857	Town: Dallas		D: 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 Wa	y 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
Isulated	🔲 Curb	V Nora	Norg
	☐ Valve Box		
X Installed Number of Anodes: 1	Gas Sign	Light	X Good
17# Anode		Meduim	Fair
	U Other	Heavy	Poor
Pipe To Soil After Repairs: - <u>()</u>	840	:	
Location Of New Test Lead.			•
	·······		· · · · · · · · · · · · · · · · · · ·
Remarks: Please return w/o	when done. (TRC)		
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Repaired By: Phelps, Oliver-CAN	1.	Date: 5/19/2	017

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Work Order Number: 74857A	Town: Dallas		ID: CP26544
Original Found Date: 04/26/2017	Location: 11647 ROG	FUE WAY	
Found Tech: Watkins, Carnell	Mapsheet:	2654 Mapseo: 38	B Book: 25
Description of Work Needed:	· · · · · · · · · · · · · · · · · · ·	· · ·	· · · · · · · · · · · · · · · · · · ·
Number of Anodes - 1;		- <b>.</b>	, (, , , , , , , , , , , , , , , , , ,
:			
Anodes Wt 17# Anode.			
		ł	
Additional Information:	· · · · · · · · · · · · · · · · · · ·	:	
Install anode behind 11647 Rogue W	/ay 3" main under concrete.		
			<i>i</i> · ·
Assigned to:			
Work performed:			
Li Insulated Bridge Hanger	Installed Test Leads	External Condition C	<u>If Metal Pipe Exposed</u>
X Isulated		Corrosion	Coating
Verified Poly	Valve Box	None	None
Installed Number of Anodes:	Gas Sign	Light	Good
_	Pole	Meduim	Fair
	Other		
			L Poor
Pipe To Soil After Repairs: -	1.510	· · ·	<i>·</i> · ·
Location Of New Test Lead:			<u></u>
Remarks: zone up after ano	des installed and meter shor	t repaired	
		- :	
	`		
×			
			<u> </u>
Repaired By: Watkins, Carnell		Date: 5/26,	/2017
		· · · · · · · · · · · · · · · · · · ·	

Work Order Number: 74860	Town: Dallas	. (	ID: CP26544
Original Found Date: 04/26/2017	Location: 11623 ROGL	JE WAY	
Found Tech: Watkins, Carnell	Mapsheet: 20	654 Mapsco:	38B Book: 25
Description of Work Needed:			
Number of Anodes - 1;		• •	
· · ·			
Anodes Wit - 17# Anode			, · · ·
Andres We, - 178 Andres	÷		
·		· · · · · · · · · · · · · · · · · · ·	
Additional Information:			
Install anode behind 11623 Rogue W	ay .3" main under concrete		
		·;	
Assigned to:			
Work performed:		<u> </u>	
Insulated Bridge Hanger	Installed Test Leads	External Conditio	n Of Metal Pipe Exposed
Installed Poly To Insulate	Curb Box	C	Contine
Isulated	Curb	Corrosion	Coaung
Verified Poly	Valve Box	X None	None
X Installed Number of Anodes: 1	Gas Sign	Light	X Good
17# Anode	Pole		
	C Other	Medulin	L rau
	L	Heavy	Poor
Pipe To Soil After Renaits:	0.810		
	<u>3215/17/</u> i		в
Location Of New Test Lead: -			
Remarks: Please return who	en done , (TRC)		
		:	
		<u>a</u>	
Repaired By: Phelps, Oliver-CA	N .	Date: 5	/19/2017
		· .	• •

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Work Order Number: 74860A Town: Dallas	•	<b>ID:</b> 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	External Condition Of M	etal Pipe Exposed
Installed Poly To Insulate Curb Box	Corrosion	Coating
I Isulated □ Curb		
U Verified Poly		
Installed Number of Anodes: Gas Sign	Light	Good
	Meduim	🔲 Fair
	Heavy	Poor
· · · ·	· · ·	
Pine To Soil After Rengines _1 510		
Location Of New Test Lead;		
Remarks: zone up after anodes installed and meter set insula	ated	
	:	
· · · · · · · · · · · · · · · · · · ·		
	<u></u>	
Repaired By: Watkins, Carnell	Date: 5/26/201	7
I and one of the original sectors and the orig		

Work Order Number: 75241	Town: Dallas	۰ -	ID: CP26544
Original Found Date: 05/23/2017	Location: 11610 CIMARI	BC	
Found Tech: Watkins, Carnell	Mapsheet: 265	4 Mapsco: 38B	Book: 25
Description of Work Needed:	·		
4			
т. <b>т</b> . т.	· .	:	
Insulate.		t	
	<u></u>	: 	
Additional Information:	Cimerce mtr # 244713 at AF		
riegse instance meter short at 11010	Childlee mu # 2447 (J at Ar.		
	, ,	· · · · · · · · · · · · · · · · · · ·	
Assigned to:			
Work performed:	andan yangan sa karangan karan karangan karangan karangan karangan karangan karangan karangan karangan karangan		
Insulated Bridge Hanger	Installed Test Leads	External Condition Of M	etal Pipe Exposed
Installed Poly To Insulate	Curb Box	Corrosion	Coating
Serified Poly	. Curb	None	None
	Valve Box		
Installed Number of Anodes:	Gas Sign		Good
	Other	Meduim	Fair
	Jacquel .	Heavy	Poor ·
		i	
Pipe To Soil After Repairs:	1.390	- *	
Location Of New Test Lead;			
Remarks: meter was insule	ted zone up		
	<u>.</u>	· · ·	
		i .	
	•		]
Repaired By: Barnette, Sam			7
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### General Workorder

<u>Remarks1</u> ork Order Numb	er: 47237 Town	: Dallas	,	<b>ID:</b> 4559		
ound Date: 04/18	3/2017 Location: 30	00 Martin Luther Kin	g (Madison HS)			
ound Tech: Galla	way, Eric	Mapshee	it: 4559 Ma	ipsco: 46T		
riority: High	<b>Begin Station Plus:</b>		End Station Plus:			
egin Lat:	End Lat:	Begin Long:	End Long:			
escription of Wor	rk Needed:	<u></u>	· · · · · · · · · · · · · · · · · · ·			
1) Need access to r room, 3) Need scre door	meter- notify maintenance een installed on vent out	ce to arrange for comp side, 4) Need to creat	pany locking device, 2) C e ventilation points in ro	Lear debris out of meter om, 5) Need Atmos sign on		
dditional Inform	ation:	·····		<u> </u>		
Found on TRRC a	udit (Quad D)					
		<b>`</b>				
		•				
		<u> </u>				
Assigned to:						
Work performed:						
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Kemarks:	teide of building					
	white of outlotting,		•			
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Donatural Days	Phelps, Oliver-CAN		Data	04/30/2017		
Menuneu DV.						

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Lask Number 562711	י זינער דע גער ד	່			
Tawat Dellas	LEAN NE	IONI :		. *	
Address 2514 Stanford	LIO #:				
Date Found: 1/7/2017					<u>ک</u>
Technician: Redmond Mike	Grade: 2,180			]	acke
Probable Sourcer Main	Time Graded:		1	·	Ĕ
Gas Detected - Soll	Assistance Requested:	. 6544 Star	nford		
CGI Test: 10	Assistance Arrived:		•		
Meterii	Condition Emiliated:				
Ray Tested each direction to 0%	Mapsheet: 2440				
No migration indicated	Mapsco: 35A	6 'Castima		. <u></u>	
Surface Over Leak: Concrete	Class 4 Location: No			-	
Surface Over Main: Concrete	Business District: No	0% 1	10% 3%	0%	
Probable Pipe Type: Cast Iron	Dug up inlet riser: No		$\bigcirc$		
Temporary Repair Type:		Alley	••	1	1
Temp Repair Date:	Lat: 32.85347959				
Transaction Date:	Long: - 96,79210043	<ul> <li>LK in existin</li> </ul>	ig palch		
Cross Refrence#:	County: Dallas	30 FI from S	Structure		
Line Locate #:	•				ŀ
د المحمد و المراجع المحمد و ال	·			i i	
Leak Repaired On: Main	External Corresions	,			
Type: Joint	External Dite				;
Material: Cast Iron	External Coating:	۰ ا		1	ŀ
Pipe squeezed: EFC:	Min Bif Donth				
Pipe Size: 6.00	Min Longth of Pit				
Pressure: L.P. oz	Totevael Correctory	CGI Test % Gas:	0	·	
Cause of Leal: Gasket / O-rings	Techniciant	CGI Test Tech:	Rose, Mi	chael Jr.	
Station Plus:		Soap Test	Pass		
Compression Coupling information ( Manufi	anfatters	Odepent Detected	Kose, IVII	icnael Jr.	
Model / Style: Type:		Renair Status:	I CS Permane	nt .	·
Sail Times Bullout	Senerated	Temp Repair Type:	I GILIGITOI		
Box Type:	2010	Temp Repair Tech:			
Anode Installed Main #: Wt.:	Test Station:				
Anode Installed Service #: Wt:	Test Station:	Pressure Test of:			
Anode Installed Technician:		Test Pressures			
Tast Station Station Pine		Test Duration:	Hours		Minutes
Dine to soil Mains	N/A Rectified: Yes	Technician:			
Dine to soil Sourion	N/A Restified: Yes	Specified;	Wall Thicknes	\$	Found;
Rine to soll Tooknigiant		Top:	1	Гор:	
		Side:	5	Side:	
Data: 05/00/2017		Bottom:	·	Boltom:	
Lank Campleted Ryt Page Michael Tr		Installed	Pipe Info		Removed
Link conflicted by: "Rose, Mining Jr.		l .			
Main Repair: Encapsulate Bell Joint,	Qiy - 1	Size;	Size:	1	Rook
O2 Level: Greater than or equal to 19.5%		Feel:			PCCI,
Permanent Repair Tech : Rose, Michael Jr.		4			
		<u> </u>	<u></u>		
Monitored	Migratio	n Yallem	Percent	Leak	New Look Mumber
Date Wonttored By	CUBBRA	Description	- <u> </u>	01406	Tear Munner
5/3/2017 Redmond, Mike	N		25	2.180	
4/4/2017 Redmond, Mike	N	-	7	2.180	
<sup>^</sup> /6/2017 Redmond, Mike	· N		18	2.180	
i/2017 Redmond Mike	N		5	2,180	

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· · · · · · · · · · · · · · · · · · ·	Training Si	gn-In Sheet	
Date: 05/04/2017 Ins	tructors: To	mmy Looney/Moni	ca Davidson
Class Name: Leak Monitoring Refresher	Topic:	Policy and Proce	edure Review
Location: Dallas Service Center	OTA Code:		
		እር ል እ ፋ - ማ ል 'ፍት	
Cost Center: 4572 Star	rt 11me: 83		
Name:(Please Print Name Ex. Smith, John)	<u>Employee II</u>	<u>Department</u>	Signature
1 Joe D McClain	14573	C&M	Joe Millar
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<u>3</u>			· ·
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Date: 05/0	5/2017	Instructors:	Monica Da	viđson		
Class Name:	Leak Monitoring Refres	her Topie:	Policy	and Procedure	Review	
Location:	Dallas Service Center	OTA Coc	le:	÷	<u> </u>	<b>_</b> .
Cost Center:	4572	Start Time:	8:00AM	End Time:	9:00AM	

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Name:(Please Print Name Ex. Smith, John)	Employee ID	<u>Department</u>	Signature
1 Michael Redmond	15172	C&M	-210
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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

Received Atmos Energy JUN 27 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:

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

1701 NORTH CONGRESS AVENUE \* POST OFFICE BOX 12967 \* AUSTIN, TEXAS 78711-2967 \* PHONE (512) 463-7058 FAX (512) 463-7319 TDD (800) 735-2989 OR TDY (512) 463-7284 AN EQUAL OPPORTUNITY EMPLOYER