

U.S. Department of Transportation **Pipeline and Hazardous Materials Safety Administration**

2017 Gas State Program Evaluation

for

Alabama Public Service Commission

Document Legend PART:

- O -- Representative Date and Title Information
- A -- Progress Report and Program Documentation Review
- B -- Program Inspection Procedures
- C -- Program Performance
- D -- Compliance Activities
- E -- Incident Investigations
- -- Damage Prevention
- G -- Field Inspections
- H -- Interstate Agent State (If Applicable)
- I -- 60106 Agreement State (If Applicable)



2017 Gas State Program Evaluation -- CY 2017 Gas

State Agency: Alabama Rating:

Agency Status: 60105(a): Yes 60106(a): No Interstate Agent: No

Date of Visit: 04/23/2018 - 05/11/2018

Agency Representative: Wallace Jones - Director, Gas Pipeline Safety Division **PHMSA Representative:** Glynn Blanton, US DOT/PHMSA State Evaluator

Commission Chairman to whom follow up letter is to be sent:

Name/Title: Twinkle Andress Cavanaugh, President
Agency: Alabama Public Service Commission

Address: 100 N. Union St., Suite 800 City/State/Zip: Montgomery, Alabama 36104

INSTRUCTIONS:

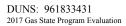
Complete this evaluation in accordance with the Procedures for Evaluating State Pipeline Safety Program. The evaluation should generally reflect state program performance during CY 2017 (not the status of performance at the time of the evaluation). All items for which criteria have not been established should be answered based on the PHMSA representative's judgment. A deficiency in any one part of a multiple part question should be scored as needs improvement. Determine the answer to the question then select the appropriate point value. If a state receives less then the maximum points, include a brief explanation in the space provided for general comments/regional observations. If a question is not applicable to a state, select NA. Please ensure all responses are COMPLETE and ACCURATE, and OBJECTIVELY reflect state program performance. Increasing emphasis is being placed on performance. This evaluation together with selected factors reported in the state's annual progress report attachments provide the basis for determining the state's pipeline safety grant allocation.

Field Inspection (PART G):

The field inspection form used will allow different areas of emphasis to be considered for each question. Question 13 is provided for scoring field observation areas. In completing PART G, the PHMSA representative should include a written summary which thoroughly documents the inspection.

Scoring Summary

PARTS		Possible Points	Points Scored
A	Progress Report and Program Documentation Review	10	8.5
В	Program Inspection Procedures	13	13
С	Program Performance	48	42
D	Compliance Activities	15	15
Е	Incident Investigations	4	4
F	Damage Prevention	8	8
G	Field Inspections	12	12
Н	Interstate Agent State (If Applicable)	0	0
I	60106 Agreement State (If Applicable)	0	0
TOTA	LS	110	102.5
State R	Rating		93.2



PART A - Progress Report and Program Documentation Review

Points(MAX) Score

1

1

1	Accuracy of Jurisdictional Authority and Operator/Inspection Units Data - Progress	1
	Report Attachment 1	
	Yes = 1 No = 0 Needs Improvement = .5	

Evaluator Notes:

A review of Attachment 1 - Stats on Operators found the information correct and all inspection units except for one new Municipal system was inspected in CY2017. Additionally, one gathering line inspection unit was added to the document from previous year.

Review of Inspection Days for accuracy - Progress Report Attachment 2

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

A review of records and files found information on Attachment 2- State Inspection Activity was correct. The number of inspections performed in CY2017 (1019.5) was more than in CY2016 (942.5). No issues of concern were found in this review.

3 Accuracy verification of Operators and Operators Inspection Units in State - Progress 1
Report Attachment 3
Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

A reviewed of Attachment 3 - List of Operators found the information correct. Information on name changes to several systems was provided in the note section of attachment. No areas of concerns were found.

Were all federally reportable incident reports listed and information correct? - Progress 1 1 Report Attachment 4

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

No incidents/accidents occurred in CY2017.

5 Accuracy verification of Compliance Activities - Progress Report Attachment 5 1 0.5 Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

Reviewed and verified violations found, corrected and carry over for calendar year 2017. A larger number of carry overs (122) was listed from previous year. It was suggested an in-depth review of all carry over violations be checked and scheduled to be cleared in CY2018. The number of compliance actions taken against the operators was incorrectly reported as zero. The correct number is forty-two and Program Manager has corrected this information via e-mail to Carrie Winslow on April 25th. Improvement is needed in correctly reporting this data. Therefore, a loss of half point occurred.

6 Were pipeline program files well-organized and accessible? - Progress Report 2 2 Attachment 6

Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

Yes, inspection reports, letters, forms and other pipeline safety information was accessible in the file room and on the main server I drive. All forms used by inspectors are listed in Appendix C in the Pipeline Safety Procedure Manual. No areas of concern.

Was employee listing and completed training accurate and complete? - Progress Report 1 0
Attachment 7

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes

A review of SABA and information from Program Manager via email to Don Martin on April 2, 2018 determined one inspector was incorrectly listed as a category III. The correct category is II because the individual has completed all core



courses, has three years of experience with AL PSC and several years experience with the natural gas industry. Therefore, a loss of one point occurred.

8 Verification of Part 192,193,198,199 Rules and Amendments - Progress Report Attachment 8

1

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

Information listed in Attachment 8 is correct. Civil penalties amount of \$200,000 per day up to \$2 M for a related series of violations is the same amount as PHMSA.

List of Planned Performance - Did state describe accomplishments on Progress Report in detail - Progress Report Attachment 10
 Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

A review of Attachment 10 confirm planned performance goals and accomplishments were completed. Information was concise and provided the reader an excellent description of the programs goals and objectives.

10 General Comments: Info Only = No Points Info OnlyInfo Only

Evaluator Notes:

A loss of points occurred in this section of the review. See questions A. 5 & A. 7 for more information.

Total points scored for this section: 8.5 Total possible points for this section: 10



- 1 Standard Inspection procedures should give guidance to state inspectors that insure consistency in all inspections conducted by the state? The following elements should be addressed at a minimum - pre-inspection activities, inspection activities, post-inspection activities.
- 2 2

Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

A review of Alabama Pipeline Safety Program Operations Plan dated March 6, 2018 found this item listed on pages 12-15, Section V. Conducting Inspections: Sub-Sections A-G.

2 IMP and DIMP Inspection procedures should give guidance to state inspectors that insure consistency in all inspections conducted by the state? The following elements should be addressed at a minimum - pre-inspection activities, inspection activities, post-inspection activities.

1

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

A review of Alabama Pipeline Safety Program Operations Plan dated March 6, 2018 found this item listed on pages 18-19, Section V. Conducting Inspections: Sub-Sections N & P.

3 OQ Inspection procedures should give guidance to state inspectors that insure consistency in all inspections conducted by the state? The following elements should be addressed at a minimum - pre-inspection activities, inspection activities, post-inspection activities.

1

1

1

1

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

A review of Alabama Pipeline Safety Program Operations Plan dated March 6, 2018 found this item listed on page 17, Section I. Training and Operator Qualification.

- 4 Damage Prevention Inspection procedures should give guidance to state inspectors that insure consistency in all inspections conducted by the state? The following elements should be addressed at a minimum - pre-inspection activities, inspection activities, postinspection activities.
- 1 1

1

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

A review of Alabama Pipeline Safety Program Operations Plan dated March 6, 2018 found this item listed on pages 18, Section M, Damage Prevention Activities.

5 Any operator training conducted should be outlined and appropriately documented as needed.

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

A review of Alabama Pipeline Safety Program Operations Plan dated March 6, 2018 found this item listed on pages 18, Operator Training. Information listed does not match PHMSA Guidelines and this item was discussed with Program Manager. It was agreed to update this information in future revisions of the procedures.

Construction Inspection procedures should give guidance to state inspectors that insure 6 consistency in all inspections conducted by the state? The following elements should be addressed at a minimum - pre-inspection activities, inspection activities, post-inspection activities.

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

A review of Alabama Pipeline Safety Program Operations Plan dated March 6, 2018 found this item listed on pages 15-17, Section V, Subsection H. They use their state form for all construction. The operator is required to file a construction notification to the agency prior to construction work being performed.

7	uni	es inspection plan address inspection priorities of each operator, and if necessary each t , based on the following elements? $s = 6 \text{ No} = 0 \text{ Needs Improvement} = 1-5$	6		6
	a.	Length of time since last inspection (Within five year interval)	Yes •	No 🔘	Needs Improvement
	b.	Operating history of operator/unit and/or location (includes leakage, incident and apliance activities)	Yes •	No 🔾	Needs Improvement
	c.	Type of activity being undertaken by operators (i.e. construction)	Yes 💿	No 🔘	Needs Improvement
	d. area	Locations of operators inspection units being inspected - (HCA's, Geographic is, Population Density, etc)	Yes •	No 🔾	Needs Improvement
		Process to identify high-risk inspection units that includes all threats - (Excavation nage, Corrosion, Natural Forces, Outside Forces, Material and Welds, Equipment, erators and any Other Factors)	Yes •	No 🔘	Needs Improvement
	f.	Are inspection units broken down appropriately?	Yes •	No 🔘	Needs Improvement
	eview	tes: of Alabama Pipeline Safety Program Operations Plan dated March 6, 2018 found these nagement Assessments. The elements of risk were listed separately and ranked on page			
8		neral Comments: o Only = No Points	Info On	lyInfo Oı	nly
Evaluat		· ·			
		f points occurred in this section of the review.			
		Total points so Total possible n			

1	Was ratio of Total Inspection person-days to total person days acceptable? (Director of State Programs may modify with just cause) Chapter 4.3 $Yes = 5 No = 0$	5		5
	A. Total Inspection Person Days (Attachment 2): 1019.50			
	B. Total Inspection Person Days Charged to the Program (220 X Inspection Person Years) (Attachment 7): 220 X 7.93 = 1744.97			
	Ratio: A / B 1019.50 / 1744.97 = 0.58			
	If Ratio >= 0.38 Then Points = 5, If Ratio < 0.38 Then Points = 0 Points = 5			
Evaluator				
B.To	tal Inspection Person Days (Attachment 2)= 1019.5 tal Inspection Person Days Charged to the program($220*$ Number of Inspection personyear rula:- Ratio = $A/B = 1019.5/1744.96652 = 0.58$	s(Attach	ment 7)=	=1744.96652
Rule	:- (If Ratio >=.38 then points = 5 else Points = 0.) Points = 5			
2	Has each inspector and program manager fulfilled the T Q Training Requirements? (See Guidelines Appendix C for requirements) Chapter 4.4 Yes = 5 No = 0 Needs Improvement = 1-4	5		5
	a. Completion of Required OQ Training before conducting inspection as lead?	Yes 💿	No 🔾	Needs Improvement
	b. Completion of Required DIMP*/IMP Training before conducting inspection as lead? *Effective Evaluation CY2013	Yes •	No 🔾	Needs Improvement
	c. Root Cause Training by at least one inspector/program manager	Yes 💿	No 🔾	Needs Improvement
	d. Note any outside training completed	Yes 💿	No 🔘	Needs Improvement
F 1	e. Verify inspector has obtained minimum qualifications to lead any applicable standard inspection as the lead inspector.	Yes •	No 🔾	Needs Improvement
	Notes: s, nine inspectors which includes the Program Manager have completed all required gas coextor training requirements. One newly hired inspector is scheduled to attend TQ courses in			ne gas
b. Ye c. Ye	es, eight inspectors which includes the Program Manager have completed all required DIM es, three inspectors which includes the Program Manager have completed the root cause con	P/IMP tra		ourses.
	es, several inspectors have HAZWOPER Certifications. es, a review of SABA confirm 9 of the 10 inspectors are qualified to perform a standard ins	pection a	ıs the lea	d.
3	Did state records and discussions with state pipeline safety program manager indicate adequate knowledge of PHMSA program and regulations? Chapter 4.1,8.1 Yes = 2 No = 0 Needs Improvement = 1	2		2
	Notes: Wallace Jones has a good understanding of the requirements of the pipeline safety program ses within three years of employment. He has over forty years of natural gas experience and			
4	Did state respond to Chairman's letter on previous evaluation within 60 days and correct or address any noted deficiencies? (If necessary) Chapter 8.1 Yes = 2 No = 0 Needs Improvement = 1	2		1

Yes, Chairman Cavanaugh response letter to Zach Barrett was sent on February 8, 2018 and within the required 60-day time frame. However, a review and verification of the items corrected in the letter, Operator Qualification and Distribution Integrity Management Program Inspections, were found not completed. Therefore, improvement is needed to insure

Evaluator Notes:

information provided is correct. A loss of one point occurred.

	ram evaluation. Due to the inspections not being completed within 60 days of established ti ts occurred.	me schedul	le a loss of fiv
7	Did inspection form(s) cover all applicable code requirements addressed on Federal Inspection form(s)? Did State complete all applicable portions of inspection forms? Chapter 5.1 Yes = 2 No = 0 Needs Improvement = 1	2	2
Eval Oper		t of a Gas I	Distribution
8	Did the state review operator procedures for determining if exposed cast iron pipe was examined for evidence of graphitization and if necessary remedial action was taken? (NTSB) Chapter 5.1 $Y_{es} = 1 N_0 = 0$	1	1
		Standard 1	Inspection Rep
9	Did the state review operator procedures for surveillance of cast iron pipelines, including appropriate action resulting from tracking circumferential cracking failures, study of leakage history, or other unusual operating maintenance condition? (Note: See GPTC Appendix G-18 for guidance) (NTSB) Chapter 5.1 Yes = 1 No = 0	1	1
		PHMSA ?	Standard
10	Did the state 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 Refer to $4/12/01$ letter from PHMSA in response to NTSB recommendation P-00-20 and P-00-21? (NTSB) Chapter 5.1 Yes = $1 \text{ No} = 0$	1	1
		PHMSA ?	Standard
11	Did the state review operator records of previous accidents and failures including reported third party damage and leak response to ensure appropriate operator response as required by 192.617? Chapter 5.1	1	1

Did State conduct or participate in pipeline safety training session or seminar in Past 3

Did state inspect all types of operators and inspection units in accordance with time

Yes, AL PSC conducts an annual seminar each year. The last seminar was held in Montgomery, AL on December 5-7, 2017.

No, conducted a review of files and inspection reports and found all operator types and inspection units were not inspected in accordance to written procedures. A review found seven OQ and two DIMP inspections that were more than sixty days pass the five year cycle, scheduled for CY2017, not completed. These inspections were also listed in the previous 2016 state

5

0



5

6

Evaluator Notes:

Years? Chapter 8.5 Yes = 1 No = 0

Number of attendees was three hundred and fifty operators.

Yes = 5 No = 0 Needs Improvement = 1-4

intervals established in written procedures? Chapter 5.1

DUNS: 961833431 Alabama Public Service Commission, Page: 8 2017 Gas State Program Evaluation

Yes, this item is reviewed and covered on the Alabama Gas Field Evaluation Report /PHMSA, Standard Inspection Report of a Gas Distribution Operator forms.

12 Has the state reviewed Operator Annual reports, along with Incident/Accident reports, for 2 accuracy and analyzed data for trends and operator issues? Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

Yes, operator's annual reports are reviewed by Program Manager and data that is found incorrect is corrected by the operator. After corrections are made the annual report information is entered into a rank risk spreadsheet maintained by the Administrative Assistant that is used to determine inspection audits.

13 Has state confirmed intrastate transmission operators have submitted information into 1 1 NPMS database along with changes made after original submission? Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

Yes, this item is checked on the Alabama Gas Field Evaluation Report, question 4 or on the Federal Standard Inspection form located on page 3. A review of Southeast Gas inspection report dated October 2, 2017 found this item was checked. No areas of concern.

2 14 Is the state verifying operators are conducting drug and alcohol tests as required by 2 regulations? This should include verifying positive tests are responded to in accordance with program. 49 CFR 199 Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

Yes, the AL PSC reviews the operator's drug & alcohol program along with the test required by the regulations during the Gas Field Evaluation Inspection. An additional checklist is used to check the positive tests requirements. In 2017, AL PSC conducted 102 drug and alcohol inspections.

15 Is state verifying operators OO programs are up to date? This should include verification of any plan updates and that persons performing covered tasks (including contractors) are properly qualified and requalified at intervals determined in the operators plan. 49 CFR 192 Part N

2

Yes = 2 No = 0 Needs Improvement = 1

Yes, a review of files found OQ programs have been inspected on each operator. AL PSC uses the federal form Protocol 9 to check and verify the programs. A total of thirty seven inspections were performed in CY2017.

16 Is state verifying operator's gas transmission integrity management programs (IMP) are up to date? This should include a previous review of IMP plan, along with monitoring progress on operator tests and remedial actions. In addition, the review should take in to account program review and updates of operators plan(s). (Are the State's largest operators programs being contacted or reviewed annually? Are replies to Operator IM notifications addressed? (formerly part of Question C-13)). 49 CFR 192 Subpart 0 Yes = 2 No = 0 Needs Improvement = 1

2

2

Evaluator Notes:

Yes, AL PSC is verifying the gas transmission integrity program using the Alabama Gas Field Evaluation Inspection form. A review of IMP plan, along with test and action taken by the operator are discussed and reviewed when completing questions 36 & 37 in the form. Yes, the state's largest operator's program is reviewed annually. A check of files found Alabama Gas Corporation (Spire) was inspected in November 2017.

17 Is state verifying operator's gas distribution integrity management Programs (DIMP)? This should include a review of DIMP plans, along with monitoring progress. In addition, the review should take in to account program review and updates of operators plan(s). (Are the State's largest operators programs being contacted or reviewed annually?). 49 CFR 192 Subpart P

2



Yes, AL PSC is verifying the gas distribution integrity program using the Alabama Gas Field Evaluation Inspection form. A review of DIMP plan, along with test and action taken by the operator are discussed and reviewed when completing questions 36 & 37 in the form. Yes, four of the state's largest operator's program are reviewed annually. A review of files confirms this information. No areas of concern.

Is state verifying operators Public Awareness programs are up to date and being followed. State should also verify operators have evaluated Public Awareness programs for effectiveness as described in RP1162. PAPEI Effectiveness Inspections should be conducted every four years by operators. 49 CFR 192.616

Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

Yes. Ten PAPEI inspections identified in the 2016 state program evaluation as not being performed were completed in CY2017. A verification of the inspection reports by reviewing office files confirmed the inspection were completed by December 31, 2017. A second cycle of PAPEI will be begin in CY2018.

Does the state have a mechanism for communicating with stakeholders - other than state pipeline safety seminar? (This should include making enforcement cases available to public).

Yes = 1 No = 0 Needs Improvement = .5

1

2

2

1

Evaluator Notes:

Yes, this is achieved by attending meetings with Alabama Natural Gas Association and Commission's website.

20 Did state execute appropriate follow-up actions to Safety Related Condition (SRC) Reports? Chapter 6.3

l NA

Yes = 1 No = 0 Needs Improvement = .5Evaluator Notes:

concerns?

No safety related condition reports were issued in CY2017.

Did the State 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

1

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Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

Yes, this item is described and listed on the Alabama Gas Field Evaluation form question 33. A review of files found this item was checked by the inspector during their field inspections.

Did the state participate in/respond to surveys or information requests from NAPSR or PHMSA?

1

1

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes

Yes, a review of emails from Robert Clarillos to Wallace Jones confirmed participation in surveys from NAPSR and PHMSA did occurred in CY2017.

If the State has issued any waivers/special permits for any operator, has the state verified conditions of those waivers/special permits are being met? This should include having the operator amend procedures where appropriate.

1

No = 0 Needs Improvement = .5 Yes = 1

Evaluator Notes:

Yes. The active waiver issued in 2009 to Alabama Gas Corp for un-odorized gas to be delivered to Hunt Oil Corp continues to be monitored. The waiver issued in 2015 to Exxon-Mobil pertaining to installation of new reinforced thermoplastic pipe (RTP) is also being monitored by AL PSC during their normal inspection audits.

24 Did the state attend the National NAPSR Board of Directors Meeting in CY being evaluated?

1

	s, Wal	es: lace Jones, Judy Ramsey and Greg Meadows attended the NAPSR Board of Directors or 25-29, 2017.	Meeting	in Colun	nbus, OH or
25	site	cussion on State Program Performance Metrics found on Stakeholder Communication - http://primis.phmsa.dot.gov/comm/states.htm = 0 Needs Improvement = 1 Yes = 2	2		
	a.	Discussion of Potential Accelerated Actions (AA's) based on any negative trends	Yes 💿	No 🔾	Needs Improvement
	b.	NTSB P-11-20 Meaningful Metrics	Yes •	No 🔾	Needs Improvement
oth res 56 op	ner actional sulting 17,499 verator a	viewed with Program Manager the number of damages per 1,000 tickets listed on the action pertaining to AA on cast iron replacement programs. In CY2017 a downward trend in the number of damages per 1000 locates to a lower number 3.176. Total number of livith enforcement action on damages being taken by the Attorney General office. The Aud several cable companies. The number of excavation leaks is showing a downward tent program initiatives. The number of inspection days is trending upward due to having	on dama locate red AG has pr trend due	ges occu quests we cosecuted to the c	ere up to d one gas ast iron
26	Ins	cussion with State on accuracy of inspection day information submitted into State pection Day Calculation Tool (SICT) Has the State updated SICT data? = 0 Yes = 1	1		1
	discuss	es: ion on the number of inspection days assigned to each operator listed in the gas progra to the program manager. The only change that may need to be made would be in the h			
W	hen the	SICT program is available in CY2018, the program manager will be making changes	to HL Pro	No No Needs Improvement Needs Improvement Needs Improvement all reports along with lamages occurred er equests were up to as prosecuted one gas if due to the cast iron fully staff of inspectors.	
27	Dic	I the State verify Operators took appropriate action regarding Pipeline Flow Reversals,	1		1

They are not aware of any pipeline flow reversals, product changes, or conversion to service in the state but will be adding this questions to their state/federal inspection forms.

28 General Comments:

Info OnlyInfo Only

Info Only = No Points Evaluator Notes:

A loss of points occurred on questions C.4 & C.6.

Needs Improvement = .5 No = 0 Yes = 1

Product Changes and Conversions to Service? See ADP-2014-04

No = 0 Needs Improvement = .5 Yes = 1

Total points scored for this section: 42 Total possible points for this section: 48



Does the state have written procedures to identify steps to be taken from the discoveresolution of a probable violation? Chapter 5.1 Yes = 4 No = 0 Needs Improvement = 1-3	ery to	4	4	4
a. Procedures to notify an operator (company officer) when a noncompliance is identified	Yes	1	No 🔘	Needs Improvement
 Procedures to routinely review progress of compliance actions to prevent delabreakdowns 	ays or Yes	1	No 🔘	Needs Improvement
c. Procedures regarding closing outstanding probable violations	Yes	1	No 🔘	Needs Improvement
Evaluator Notes: a. This information is listed in Alabama Public Service Commission procedure manual in Violations pages 19-20. b. This information is listed under section U. Notice of Probable Violation Tracking, page c. This information is listed under section V. Removal or Correction of a Probable Violation	es 21-22		es of P	
Did the state follow compliance procedures (from discovery to resolution) and aded document all probable violations, including what resolution or further course of act needed to gain compliance? Chapter 5.1 Yes = 4 No = 0 Needs Improvement = 1-3		4	4	4
a. Were compliance actions sent to company officer or manager/board member municipal/government system?	if Yes	1	No 🔘	Needs Improvement
b. Document probable violations	Yes	• 1	No 🔘	Needs Improvement
c. Resolve probable violations	Yes	1	No 🔘	Needs Improvement
d. Routinely review progress of probable violations	Yes	1	No 🔘	Needs Improvement
e. Within 30 days, conduct a post-inspection briefing with the owner or operator the gas or hazardous liquid pipeline facility inspected outlining any concerns; and	r of Yes	1	No 🔘	Needs Improvement
f. Within 90 days, to the extent practicable, provide the owner or operator with preliminary findings of the inspection.	written Yes	1	No 🔘	Needs Improvement
Evaluator Notes: a. Yes, reviewed files and inspection reports and found letters were being sent to the com	nany office	er of th	e nriva	
companies, mayor/ superintendent of municipality systems and director/manager of housi names of the individuals on the operator's list was current as of March 19, 2018.				
b. Yes, a review of files found fifty-one operators that were cited for Notice of Probable	Violations	. Revie	ewed in	nspection
reports and found violations were documented correctly. c. Yes, violations were resolved by a follow-up inspection or additional information being	filed by tl	ne onei	ator to	the agency
d. Yes, Program Manager/Administrative Assistant review on a quarterly schedule all vio of the information is sent to the affected inspector to perform a follow-up inspection. e. An exit interview is conducted immediately after the inspection with the operator. Inforpotential violations are shared with the operator's representatives. This item is described in	lations. Inf	ormati out are	on abo as of c	out the status
page 17. f. All Notice of Probable Violations letters are provided to the operator about their finding inspection.	gs within 9	0 days	of the	date of the
3 Did the state issue compliance actions for all probable violations discovered? Yes = 2 No = 0 Needs Improvement = 1 Evaluator Notes:		2	Ź	2
Yes, a review of files and inspection reports found forty-two NOPV's were issued in CY2	017.			
4 Did compliance actions give reasonable due process to all parties? Including "show cause" hearing if necessary.	V .	2	,	2

Yes = 2 No = 0

Yes, no show cause hearings were necessary due to the operators agreeing to correct the violations. Additionally, AL PSC

rules allow the operator an opportunity to argue their position as to whether a probable violation occurred or request a "show cause" hearing before a presiding officer or the commission.

Is the program manager familiar with state process for imposing civil penalties? Were civil penalties considered for repeat violations (with severity consideration) or violations resulting in incidents/accidents? (describe any actions taken)

Yes = 2 No = 0 Needs Improvement = 1

2

2

1

Evaluator Notes:

Yes, the program manager is familiar with imposing civil penalties and assessed a civil penalty against a master metered operator four years ago. Additionally, on page 21 of AL PSC procedure manual it identifies a criteria to use in determining the level of fine.

6 Can the State demonstrate it is using their enforcement fining authority for pipeline safety 1

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

Yes, a civil penalty was assessed against a Air Base Inn, a master metered operator in CY 20017.

7 General Comments: Info OnlyInfo Only

Info Only = No Points

Evaluator Notes:

No loss of points occurred in this section of the review.

Total points scored for this section: 15 Total possible points for this section: 15



1	Does the state have written procedures to address state actions in the event of an incident accident? Yes = 2 No = 0 Needs Improvement = 1	/ 2		2
Evaluate	or Notes:			
	s, a review of Alabama Pipeline Safety Program Operations Plan dated March 6, 2018 found	this item	listed o	n pages
24-	28, VI. Investigation of Incidents.			
2	Does state have adequate mechanism to receive and respond to operator reports of incidents, including after-hours reports? And did state keep adequate records of Incident Accident notifications received? Chapter 6 Yes = 2 No = 0 Needs Improvement = 1	2		2
	a. Acknowledgement of MOU between NTSB and PHMSA (Appendix D)	Yes 💿	No 🔾	Needs Improvement
	b. Acknowledgement of Federal/State Cooperation in case of incident/accident	Yes •	No ()	Needs
F 1 .	(Appendix E) or Notes:	i es 🕓	NO O	Improvement
call requ Sou in C	s, according to Alabama PSC's GPS Rule #9, the pipeline operator is required to give telephing (334) 242-5778 to report incidents during normal business hours of 8:00 AM to 5:00 PM uired to call the Pipeline Safety Investigator assigned to or located in the operator's region of the Alabama). Yes, AL PSC is maintaining adequate records of all notifications received. No 2Y2017. b. Yes, program manager is familiar with Appendix D & E and included the documents in Alabama.	I. After I the state reportate	hours, the (North, ole incide	e operator is Central or ents occurred
3	If onsite investigation was not made, did state obtain sufficient information from the operator and/or by other means to determine the facts to support the decision to not go on-site? Chapter 6 Yes = 1 No = 0 Needs Improvement = .5	1	N	A
Evaluate	or Notes:			
No	incidents occurred in CY2017.			
4	Were all incidents investigated, thoroughly documented, and with conclusions and recommendations? Yes = 3 No = 0 Needs Improvement = 1-2	3	N	A
	a. Observations and document review	Yes 💿	No 🔾	Needs Improvement
	b. Contributing Factors	Yes (•)	No ()	Needs -
	c. Recommendations to prevent recurrences when appropriate	Yes ①	No 🔾	Improvement Needs
	or Notes: incidents occurred in CY2017.			Improvement
5	Did the state initiate compliance action for violations found during any incident/accident investigation? $Yes = 1 No = 0$	1	N	A
Evaluate	or Notes:			
No	incidents occurred in CY2017.			

6 Did the state assist Region Office or Accident Investigation Division (AID) by taking appropriate follow-up actions related to the operator incident reports to ensure accuracy and final report has been received by PHMSA? (validate report data from operators concerning incidents/accidents and investigate discrepancies) Chapter 6

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

No incidents occurred in CY2017.

NA

7 Does state share lessons learned from incidents/accidents? (sharing information, such as: 1 NA at NAPSR Region meetings, state seminars, etc)

Yes = 1 No = 0

Evaluator Notes:

No incidents occurred in CY2017.

8 General Comments: Info Only = No Points Info OnlyInfo Only

Evaluator Notes:

No loss of points occurred in this section of the review.

Total points scored for this section: 4 Total possible points for this section: 4

Has the state reviewed directional drilling/boring procedures of each pipeline operator or its contractor to determine if they include actions to protect their facilities from the dangers posed by drilling and other trench less technologies? NTSB

Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

Yes, this is reviewed during an onsite construction inspection with the operator and construction supervisor. It is also checked during the standard inspection of the operator's O & M Plan. This item is check on the construction inspection checklist form. This is item 30 on the form.

Did the state inspector verify pipeline operators are following their written procedures pertaining to notification of excavation, marking, positive response and the availability and use of the one call system?

Yes = 2 No = 0 Needs Improvement = 1

2

2

2

Evaluator Notes:

Yes, this is check on the construction inspection checklist form. This is item 31 on the form.

Did the state encourage and promote practices for reducing damages to all underground facilities to its regulated companies? (i.e. such as promoting/adopting the CGA Best Practices encouraging adoption of the 9 Elements, etc.)

Yes = 2 No = 0 Needs Improvement = 1

2

2

2

Evaluator Notes:

Program Manger continues to participates in the Alabama Damage Prevention Alliance, Alabama Damage Prevention Summit, support the 811 promulgation signed by Governor, and used the one call grant to support the 811 April safe digging month.

Has the agency or another organization within the state collected data and evaluated trends on the number of pipeline damages per 1,000 locate requests? (This can include DIRT and other data shared and reviewed by the pipeline safety program)

Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

Yes, the program manager collects the data and evaluates the trends on the number of pipeline damages per 1,000 locate request each year. This information is presented at the NAPSR Southern region meeting and other information meetings in discussing damage prevention.

5 General Comments: Info OnlyInfo Only

Evaluator Notes:

Info Only = No Points

No loss of points occurred in this section of the review.

Total points scored for this section: 8 Total possible points for this section: 8



1	Operator, Inspector, Location, Date and PHMSA Representative Info Only = No Points	Info OnlyIn	nfo Only
	Name of Operator Inspected: Trussville Utilities Board		
	Name of State Inspector(s) Observed: Asia Skillman & Jamar Robinson, Pipeline Safety Engineers		
	Location of Inspection: Trussville, Alabama		
	Date of Inspection: May 7,9 & 10, 2018		
Evaluato	Name of PHMSA Representative: Glynn Blanton, State Liaison or Notes:		
This indi	s was a standard inspection of the natural gas distribution system located in Trussville, Alab viduals were present, Mike Strength, General Manager, Brian King, Bryan Smith, Chief En ments & Eric Merrill. During the inspection the drug & alcohol program and public awaren	ngineer, Dani	ny Roper, David
2	Was the operator or operator's representative notified and/or given the opportunity to be present during inspection? $Y_{es} = 1 N_0 = 0$	1	1
	or Notes: , Greg Meadows, Pipeline Safety Investigations Supervisor, notified Trussville Utilities Bo engths in February, 2018 of the scheduled inspection audit.	ard General	Manager Mike
3	Did the inspector use an appropriate inspection form/checklist and was the form/checklist used as a guide for the inspection? (New regulations shall be incorporated) Yes = 2 No = 0 Needs Improvement = 1	st 2	2
		ort and Drug	Program
4	Did the inspector thoroughly document results of the inspection? Yes = 2 No = 0 Needs Improvement = 1	2	2
Yes	or Notes: , Asia Skillman & Jamar Robinson were observed writing down information from the operawers to questions asked.	ator's represe	entatives on
5	Did the inspector check to see if the operator had necessary equipment during inspection to conduct tasks viewed? (Maps,pyrometer,soap spray,CGI,etc.) Yes = 1 No = 0	. 1	1
Yes	or Notes: , the operator provided a copy of their operation and maintenance manual, drug testing resuntenance, cathodic protection readings, Public Awareness Plan and its effectiveness.	lts, valve an	d regulator
6	Did the inspector adequately review the following during the field portion of the state evaluation? (check all that apply on list) Yes = 2 No = 0 Needs Improvement = 1	2	2
	a. Procedures	\boxtimes	
	b. Records		
	c. Field Activities	\boxtimes	
	d. Other (please comment)		
	u 7		



Odorization

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V.	Overpressure Safety Devices	\boxtimes
W.	Plastic Pipe Installation	
ζ.	Public Education	
y .	Purging	
Z.	Prevention of Accidental Ignition	
4.	Repairs	
3.	Signs	\boxtimes
C .	Tapping	
D.	Valve Maintenance	\boxtimes
Ε.	Vault Maintenance	
F.	Welding	
Ĵ.	OQ - Operator Qualification	
Η.	Compliance Follow-up	
[.	Atmospheric Corrosion	
Ī.	Other	

This field portion of the inspection was a critical valve and regulator station inspection. Each of the two inspectors did an excellent job in reviewing the crew members operator qualification identifications, AOC's, tools and records of the items checked. Inspectors checked the company's pressure testing devices, gauges and tools used to perform lock-up and popping the relief valve. They recorded all pipe-to soil potential readings as they were taken and observed the overpressure test results on the regulator stations.

Total points scored for this section: 12 Total possible points for this section: 12

PART	Γ H - Interstate Agent State (If Applicable) P	oints(MAX)	Score	_
1 Evaluato	Did the state use the current federal inspection form(s)? Yes = 1 No = 0 Needs Improvement = .5 or Notes:	1	NA	
2	Are results documented demonstrating inspection units were reviewed in accordance "PHMSA directed inspection plan"? Yes = 1 No = 0 Needs Improvement = .5	with 1	NA	
Evaluato	or Notes:			
3	Did the state submit documentation of the inspections within 60 days as stated in its la Interstate Agent Agreement form? Yes = 1 No = 0 Needs Improvement = .5	ntest 1	NA	
Evaluato	or Notes:			
4 Evaluato	Were probable violations identified by state referred to PHMSA for compliance? (NO PHMSA representative has discretion to delete question or adjust points, as appropriate based on number of probable violations; any change requires written explanation.) Yes = 1 No = 0 Needs Improvement = .5 or Notes:		NA	
5 Evaluato	Did the state immediately report to PHMSA conditions which may pose an imminent safety hazard to the public or to the environment? Yes = 1 No = 0 Needs Improvement = .5 or Notes:	1	NA	
6	Did the state give written notice to PHMSA within 60 days of all probable violations found? Yes = 1 No = 0 Needs Improvement = .5	1	NA	
Evaluato	or Notes:			
7	Did the state initially submit documentation to support compliance action by PHMSA probable violations? Yes = 1 No = 0 Needs Improvement = .5	on 1	NA	
Evaluato				
8	General Comments:	Info Onlylr	nfo Only	
U	Info Only = No Points	inio Omyn	110 Olliy	



Total points scored for this section: 0 Total possible points for this section: 0

Evaluator Notes:

PAR	TI - 60106 Agreement State (If Applicable)	oints(MAX)	Score
1 Evaluato	Did the state use the current federal inspection form(s)? Yes = 1 No = 0 Needs Improvement = .5 r Notes:	1	NA
2 Evaluato	Are results documented demonstrating inspection units were reviewed in accordance state inspection plan? Yes = 1 No = 0 Needs Improvement = .5 r Notes:	with 1	NA
3 Evaluato	Were any probable violations identified by state referred to PHMSA for compliance? (NOTE: PHMSA representative has discretion to delete question or adjust points, as appropriate, based on number of probable violations; any change requires written explanation.) Yes = 1 No = 0 Needs Improvement = .5 r Notes:	1	NA
4 Evaluato	Did the state immediately report to PHMSA conditions which may pose an imminent safety hazard to the public or to the environment? Yes = 1 No = 0 Needs Improvement = .5 r Notes:	1	NA
5 Evaluato	Did the state give written notice to PHMSA within 60 days of all probable violations found? Yes = 1 No = 0 Needs Improvement = .5 r Notes:	1	NA
6 Evaluato	Did the state initially submit adequate documentation to support compliance action by PHMSA on probable violations? Yes = 1 No = 0 Needs Improvement = .5 r Notes:	, 1	NA



Total points scored for this section: 0 Total possible points for this section: 0

Info OnlyInfo Only

7

Evaluator Notes:

General Comments: Info Only = No Points