

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

2015 Gas State Program Evaluation

for

CT Dept of Energy and Env Protection

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
- F -- Damage Prevention
- Damage Treventie
- G -- Field Inspections
- H -- Interstate Agent State (If Applicable)
- I -- 60106 Agreement State (If Applicable)



2015 Gas State Program Evaluation -- CY 2015 Gas

State Agency: Connecticut Rating:

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

Date of Visit: 08/30/2016 - 09/01/2016

Agency Representative: Karl Baker, Public Utilities Supervisor of Technical Analysis

PHMSA Representative: Jim Anderson

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

Name/Title: Arthur H. House, Chairman

Public Utilities Regulatory Authority Agency:

Address: Ten Franklin Square

City/State/Zip: New Britian, Connecticut 06051

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 2015 (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.

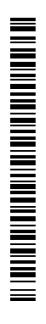
Scoring Summary

Α		Possible Points	Points Scored
	Progress Report and Program Documentation Review	10	10
В	Program Inspection Procedures	13	13
C	Program Performance	44	44
D	Compliance Activities	15	15
E	Incident Investigations	5	5
F	Damage Prevention	8	8
G	Field Inspections	11	11
Н	Interstate Agent State (If Applicable)	6	6
I	60106 Agreement State (If Applicable)	0	0
TOTAL	S	112	112
PARTS A B C D E F G H I TOTAL State R:	nting		100.0

List of Planned Performance - Did state describe accomplishments on Progress Report in

detail - Progress Report Attachment 10 Yes = 1 No = 0 Needs Improvement = .5

PART A - Progress Report and Program Documentation



1

Evaluator Notes:

Goals:

Maintain accelerated cast-iron and bare steel replacement across all operators. Achieve 100% score on PHMSA evaluation. Reduce excavation damages.

Accomplishments:

Worked with last operator to further accelerate cast-iron and bare steel replacement. Received 100% score for 2014 PHMSA program audit. Continued with streamlined civil penalty process for excavation damages. Worked on new excavation damage prevention regulations. Successfully

10 General Comments:

Info OnlyInfo Only

Info Only = No Points

Evaluator Notes:

Total points scored for this section: 10

Total possible points for this section: 10



	8 1			
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. Yes = 2 No = 0 Needs Improvement = 1	2	2	
Evaluato	or Notes:			
	ministrative Procedures, Sections 7, 10 and 11.			
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. Yes = 1 No = 0 Needs Improvement = .5	1	1	
Evaluato	or Notes:			
Adr	ministrative Procedures, Sections 7, 10 and 11.			
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. Yes = 1 No = 0 Needs Improvement = .5	1	1	
Evaluato	or Notes:			
	ninistrative Procedures, Sections 7, 10 and 11.			
	ministrative Procedures, Sections 7, 10 and 11.			
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, post-inspection activities. Yes = 1 No = 0 Needs Improvement = .5	1	1	
Evaluato	or Notes:			
Adr	ministrative Procedures, Sections 7, 10 and 11.			
5	Any operator training conducted should be outlined and appropriately documented as needed. Yes = 1 No = 0 Needs Improvement = .5	1	1	
Evaluato	or Notes:			
Adr	ministrative Procedures, Sections 7, 10 and 11.			
6	Construction Inspection procedures should give guidance to state inspectors that insure	1	1	
Ü	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	
Evaluato	Yes = 1 No = 0 Needs Improvement = .5 or Notes:			
	ninistrative Procedures, Sections 7, 10 and 11.			

6

6

unit, based on the following elements? Yes = 6 No = 0 Needs Improvement = 1-5

Operating history of operator/unit and/or location (includes leakage, incident and compliance activities)

Does inspection plan address inspection priorities of each operator, and if necessary each

	c. Type of activity being undertaken by operators (i.e. construction)	Yes	No 🔾	Improvement
	d. Locations of operators inspection units being inspected - (HCA's, Geographic	Yes •	No 🔘	Needs Improvement
	areas, Population Density, etc) e. Process to identify high-risk inspection units that includes all threats - (Excavation Damage, Corrosion, Natural Forces, Outside Forces, Material and Welds, Equipment, Operators and any Other Factors)	Yes •	No 🔾	Needs Improvement
	f. Are inspection units broken down appropriately?	Yes •	No 🔾	Needs Improvement
Evaluate	or Notes:			r
Adı	ministrative Procedures, Sections 7, 10 and 11.			
8	General Comments: Info Only = No Points	Info Onl	yInfo Or	nly
Evaluate	or Notes:			

Total points scored for this section: 13 Total possible points for this section: 13



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): 500.00			
	B. Total Inspection Person Days Charged to the Program (220 X Inspection Person Years) (Attachment 7): 220 X 4.54 = 998.80			
	Ratio: A / B 500.00 / 998.80 = 0.50			
	If Ratio >= 0.38 Then Points = 5, If Ratio < 0.38 Then Points = 0 Points = 5			
	tor Notes:			
.50	ratio exceeds needed .38 ratio			
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? b. Completion of Required DIMP*/IMP Training before conducting inspection as 	Yes	No 🔾	Needs Improvement
	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
	e. Verify inspector has obtained minimum qualifications to lead any applicable standard inspection as the lead inspector.	Yes •	No 🔾	Needs Improvement
Ba the scl	ch senior staff inspector has completed all required core TQ training within the required time ker, Bruce Benson and Daniel Nivison have received OQ, DIMP/IMP and Root Cause training program since June 2010, has completed all required core courses, and OQ, DIMP and Root neduled for additional courses as they become available. Daniel Tomasino and Kevin Dowling nost finished the core classes and are scheduled or waitlisted for additional TQ classes.	ng. John Cause, a	n DePaolo and is cur	o has been in rrently
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
	tor Notes:			
Pro	ogram Manager has over 22 years of experience in pipeline safety.			
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	et 2 NA		A
	tor Notes:			
No	response required ? none provided.			
5	Did State hold PHMSA TQ Seminar in Past 3 Years? Chapter 8.5 Yes = 2 No = 0	2		2
	tor Notes: minar held with the other New England states on October 20 and 21, 2015, in West Dover, V	T.		
	<u>-</u>			
6	Did state inspect all types of operators and inspection units in accordance with time	5		5



intervals established in written procedures? Chapter 5.1

Evaluator Notes:

Confirmed that inspections were performed in accordance with Administrative Procedures Section 10. O&M inspection on gas LDCs every other year and on LP operators every 5 years.

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

2 2

Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

State utilizes Federal forms for specialized inspections (e.g. LNG, DIMP, CRM, PAPEI and OQ). O&M form is Federal form supplemented with state regs. Program Manager controls changes to forms.

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

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Yes = 1 No = 0

Evaluator Notes:

Performed review during O&M audits. Last audits performed on 3 LDCs and Norwich Public Utilities in 2011, 2013 and 2015. Question inserted on inspection form.

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

Evaluator Notes:

Performed review during O&M audits. Last audits performed on 3 LDCs and Norwich Public Utilities in 2011, 2013 and 2015. Question inserted on inspection form.

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 No = 0

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Evaluator Notes:

Performed review during O&M audits. Last audits performed on 3 LDCs and Norwich Public Utilities in 2011, 2013 and 2015. Question inserted on inspection form. Also reviewed when State responds to active excavation damages.

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

Yes = 1 No = 0

1

Evaluator Notes:

Performed review during O&M audits. Last audits performed on 3 LDCs and Norwich Public Utilities in 2011, 2013 and 2015. This is also accomplished during normal review of One-Call damages that are mandatorily reported to the GPSU.

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:

Review and analysis of Operator Annual Reports performed annually (reviewed PIPEDATA.XLS located in S: \GasPipelineSafetyUnit\GASPIPE\Undergnd Facilities).

As part of investigation of incidents/accidents, incident/accident data is reviewed for accuracy and to ensure that operators correctly file appropriate PHMSA incident forms.



Did state input all applicable OQ, DIMP/IMP inspection results into federal database in a 2 timely manner? This includes replies to Operator notifications into IMDB database.

Chapter 5.1

Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

Uploaded all applicable OQ inspection results into the federal database in a timely manner, or used IA, and responded to IMDB notifications.

There are no intrastate transmission lines in Connecticut. For interstate operators, the PHMSA team leaders are responsible for uploading this data for team inspections and CT uploads data for inspections where they are lead. All of the IMP inspections that CT was responsible for were performed in IA and therefore do not need to be uploaded to the IMDB.

Has state confirmed intrastate transmission operators have submitted information into 1 NPMS database along with changes made after original submission?

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

No intrastate transmission lines in Connecticut. CT has not been asked by PHMSA, as part of annual interstate inspection plan, to review this data for interstate operators. At request from Zach Barrett to NAPSR, CT has reviewed interstate operator data on PHMSA DataMart, comparing annual report data to NPMS data.

Is the state verifying operators are conducting drug and alcohol tests as required by 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:

Annual field inspections are performed on all intrastate operators that are required to have the program (see inspection database for dates of inspections). In addition, an annual review of the Drug and Alcohol Testing MIS Data Collection forms is performed. Verification is made that any positive tests are responded to in accordance with the operator's program.

Conducted 6 in 2015 - scheduled every 5 years in written procedures.

Is state verifying operators OQ programs are up to date? This should include verification 2 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

Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

Both headquarters, protocols 1 through 8, and field, protocol 9, inspections have been performed on all intrastate operators.

Last in 2015 - scheduled every 5 years in written procedures.

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). 49 CFR 192 Subpart 0

Yes = 2 No = 0 Needs Improvement = 1

Yes = 2 No = 0 Needs Improvement = Evaluator Notes:

No intrastate transmission lines in Connecticut.

NA

18 Evaluato	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). 49 CFR 192 Subpart P DIMP? First round of program inspections should have been complete by December 2014 Yes = 2 No = 0 Needs Improvement = 1 or Notes: IP audits completed on LDCs, Norwich and propane operators per Administrative Procedures.	2	2
DIM	MP - every 5 years. Dimp implementation - every year.		
19 Evaluato		2	2
PAF	PEI audits performed on all LDCs and Norwich Public Utilities in 2012.		
Eve	ry 5 years and brief review each year.		
20	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 = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$	1	1
Dig sess Gro	or Notes: Inductions occur with all operators on a regular basis. CT attends and communicates inform Board of Directors meetings and Public Awareness meetings. CT attends and provides training ions with local officials including fire departments. CT participates in the Northeast Gas Asso up meetings as well. PURA maintains a website that has access to all docketed matters which One-Call enforcement proceedings.	ng at op ociation	perator training CT Advisory
21	Did state execute appropriate follow-up actions to Safety Related Condition (SRC) Reports? Chapter 6.3 Yes = 1 No = 0 Needs Improvement = .5	1	NA
Evaluato	or Notes:		
No S	SRCs in 2015.		
22	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 concerns? Yes = 1 No = 0 Needs Improvement = .5	1	1
dete	or Notes: data on class 1 and 2 leaks are required to be submitted to the GPSU on a monthly basis. This rmine trends including any plastic pipe issues. Also, during O&M audits, this is reviewed uno approached the audits.		

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:

Reviewed data.

Yes.

		N	A
or Notes:			
waivers or special permits issued.			
Did the state attend the National NAPSR Board of Directors Meeting in CY being evaluated? No = 0 Needs Improvement = .5 Yes = 1	1		1
or Notes:			
ended meeting in Arizona in CY 2015.			
Discussion on State Program Performance Metrics found on Stakeholder Communication site - http://primis.phmsa.dot.gov/comm/states.htm No = 0 Needs Improvement = 1 Yes = 2	n 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
or Notes:			improvement
viwed and discussed State Metrics page with program manager.			
General Comments: Info Only = No Points	Info On	lyInfo Oı	nly
or Notes:			
Total noints s	cored for	this sect	tion: 44
	conditions of those waivers/special permits are being met? This should include having the operator amend procedures where appropriate. No = 0 Needs Improvement = .5 Yes = 1 or Notes: waivers or special permits issued. Did the state attend the National NAPSR Board of Directors Meeting in CY being evaluated? No = 0 Needs Improvement = .5 Yes = 1 or Notes: ended meeting in Arizona in CY 2015. Discussion on State Program Performance Metrics found on Stakeholder Communication site - http://primis.phmsa.dot.gov/comm/states.htm No = 0 Needs Improvement = 1 Yes = 2 a. Discussion of Potential Accelerated Actions (AA's) based on any negative trends b. NTSB P-11-20 Meaningful Metrics or Notes: viwed and discussed State Metrics page with program manager. General Comments: Info Only = No Points or Notes:	conditions of those waivers/special permits are being met? This should include having the operator amend procedures where appropriate. No = 0 Needs Improvement = .5 Yes = 1 or Notes: waivers or special permits issued. Did the state attend the National NAPSR Board of Directors Meeting in CY being evaluated? No = 0 Needs Improvement = .5 Yes = 1 or Notes: ended meeting in Arizona in CY 2015. Discussion on State Program Performance Metrics found on Stakeholder Communication site - http://primis.phmsa.dot.gov/comm/states.htm No = 0 Needs Improvement = 1 Yes = 2 a. Discussion of Potential Accelerated Actions (AA's) based on any negative trends b. NTSB P-11-20 Meaningful Metrics or Notes: riwed and discussed State Metrics page with program manager. Info Onl Info Only = No Points or Notes:	conditions of those waivers/special permits are being met? This should include having the operator amend procedures where appropriate. No = 0 Needs Improvement = .5 Yes = 1 Did the state attend the National NAPSR Board of Directors Meeting in CY being evaluated? No = 0 Needs Improvement = .5 Yes = 1 or Notes: ended meeting in Arizona in CY 2015. Discussion on State Program Performance Metrics found on Stakeholder Communication 2 site - http://primis.phmsa.dot.gov/comm/states.htm No = 0 Needs Improvement = 1 Yes = 2 a. Discussion of Potential Accelerated Actions (AA's) based on any negative trends Yes ● No ○ b. NTSB P-11-20 Meaningful Metrics Yes ● No ○ or Notes: riwed and discussed State Metrics page with program manager. Info OnlyInfo OnlyInfo OnlyInfo OnlyInfo Only = No Points

Total possible points for this section: 44

1	Does the state have written procedures to identify steps to be taken from the discovery to resolution of a probable violation? Chapter 5.1	4		4
	Yes = 4 No = 0 Needs Improvement = 1-3 a. Procedures to notify an operator (company officer) when a noncompliance is identified b. Procedures to routinely review progress of compliance actions to prevent delays or breakdowns	Yes •	No ()	Needs Improvement Needs Improvement
Evaluator In A	r Notes: dministrative Procedures Sections 12, 13 and 14.			
2	Did the state follow compliance procedures (from discovery to resolution) and adequately document all probable violations, including what resolution or further course of action is needed to gain compliance? Chapter 5.1 Yes = 4 No = 0 Needs Improvement = 1-3	4		4
	a. Were compliance actions sent to company officer or manager/board member if	Yes •	No 🔘	Needs Improvement
	municipal/government system? b. Document probable violations	Yes (•)	No ()	Needs
	c. Resolve probable violations	Yes •	No 🔾	Improvement Needs
	d. Routinely review progress of probable violations	Yes •	No 🔾	Improvement Needs Improvement
	e. Were applicable civil penalties outlined in correspondence with operator(s)	Yes	No 🔘	Needs Improvement
Evaluator Revi	r Notes: ewed various violations reports and civil penalty dockets and communications were sent to	appropr	iate perso	•
3 Evaluator Yes.	Did the state issue compliance actions for all probable violations discovered? Yes = 2 No = 0 Needs Improvement = 1 r Notes:	2		2
4	Did compliance actions give reasonable due process to all parties? Including "show cause" hearing if necessary. Yes = 2 No = 0	2		2
Evaluator	r Notes:			
Due	process is spelled out in the violation letter or civil penalty docket. Reviewed letters and do	ocket ite	ms.	
5	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
	*	alties we	re issued	l in CY 2015
6	Can the State demonstrate it is using their enforcement fining authority for pipeline safety violations? Yes = 1 No = 0 Needs Improvement = .5	, 1		1
Evaluator Civil				

Info OnlyInfo Only

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
Evaluat	res = 2 No = 0 Needs Improvement = 1 or Notes:			
	ministrative Procedures - Section 20.			
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
	b. Acknowledgement of Federal/State Cooperation in case of incident/accident		0	Improvement Needs
	(Appendix E)	Yes •	No ()	Improvement (
Ad	or Notes: ministrative Procedures Section 20.4. GPSU staff is on-call 24 hours per day, 7 days per weidents.	ek. Acce	ess datab	ase tracks
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
Evaluat	or Notes:			
No	incidents in CY 2015.			
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
	b. Contributing Factors	Yes ()	No (•)	Improvement Needs
		_	_	Improvement Needs
Evoluet	c. Recommendations to prevent recurrences when appropriate or Notes:	Yes 🔘	No (•)	Improvement
	incidents in CY 2015.			
5	Did the state initiate compliance action for violations found during any incident/accident investigation? $Yes = 1 No = 0$	1	N.	A
Evaluat	or Notes:			
No	incidents in CY 2015.			
6	Did the state assist region office 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	1	N.	A
	or Notes:			
No	incidents in CY 2015.			
7	Does state share lessons learned from incidents/accidents? (sharing information, such as:	1		1

Evaluator Notes:

Yes = 1 No = 0

at NAPSR Region meetings, state seminars, etc)

No incidents in CY 2015. Incidents/accidents have been presented at NAPSR meetings and pipeline safety seminars. In addition, all incident/accident reports are sent to all applicable operators in the state for their review and response to any applicable recommendations included in the report.

8 General Comments: Info Only = No Points

Evaluator Notes:

Info OnlyInfo Only

Total points scored for this section: 5 Total possible points for this section: 5



1 Has the state reviewed directional drilling/boring procedures of each pipeline operator or 2 2 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:

Performed review during O&M audits. Last audits performed on 3 LDCs and Norwich in 2011, 2013 and 2015. Also state regulation, 16-345-4(a)(5), states "?If the excavator is utilizing trenchless excavation, the excavator shall, if such excavation is expected to cross or encroach within the approximate location of underground facilities either horizontally or vertically, prior to the crossing or encroaching, determine the precise location of such underground facilities expected to be so crossed or encroached."

Question inserted on inspection form.

2 Did the state inspector check to assure the pipeline operator is following its written 2 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

Evaluator Notes:

Performed review during O&M audits. Last audits performed on 3 LDCs and Norwich in 2011, 2013 and 2015. This is also accomplished during normal review of One-Call damages that are reported to the GPSU.

3 Did the state encourage and promote practices for reducing damages to all underground 2 2 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

Evaluator Notes:

The GPSU has performed a review of the CGA Best Practices document and determined that all pertinent best practices are included in the state regulations. CT is currently working on revising their underground damage prevention laws. State program has adopted the 9 elements.

4 Has the agency or another organization within the state collected data and evaluated 2 2 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:

GPSU collects and evaluates this data.

2010 ? 3.5 total; 1.6 gas 2011 ? 2.8 total; 1.3 gas 2012 ? 3.0 total; 1.6 gas 2013 ? 3.1 total; 1.6 gas 2014? 2.9 total; 1.5 gas 2015 ? 2.9 total; 1.4 gas

Approximately twice per year the damage prevention data is reviewed to determine trends. These trends are reviewed to determine where emphasis is to be placed. These trends are also reviewed with the Call Before You Dig Public Awareness Committee and where appropriate, the public awareness campaigns are modified.

Civil Penalties Collected 2010 - \$14,500 2011 - \$160,500 2012 - \$156,000 2013 - \$117,000 2014 - \$110,350 2015 - \$134,100

5 General Comments: Info Only = No Points

Evaluator Notes:

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 OnlyInfo O	nly
	Name of Operator Inspected:		
	Connecticut Natural Gas		
	Name of State Inspector(s) Observed: John DePaolo		
	Location of Inspection:		
	Tolland, CT		
	Date of Inspection: August 31, 2016		
	Name of PHMSA Representative:		
Evaluator	Jim Anderson		
Evaluator	Notes.		
2	Was the operator or operator's representative notified and/or given the opportunity to be present during inspection? Yes = 1 No = 0	1	1
Evaluator			
Yes.			
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	2	2
Evaluator	Notes:		
Yes.	Inspection form is on tablet. Inspector takes notes and transfers to tablet on-site.		
4	Did the inspector thoroughly document results of the inspection? Yes = 2 No = 0 Needs Improvement = 1	2	2
Evaluator			
Yes.	No issues.		
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
Evaluator Yes.			
6	Did the inspector adequately review the following during the field portion of the state evaluation? (check all that apply on list)	2	2
	Yes = 2 No = 0 Needs Improvement = 1 a. Procedures	\boxtimes	
	b. Records		
	c. Field Activities	\boxtimes	
Evaluator	d. Other (please comment) Notes:		

7 Did the inspector have adequate knowledge of the pipeline safety program and regulations? (Evaluator will document reasons if unacceptable)

2

7 1 4		No = 0 Needs Improvement = 1		
	or Notes:	alo has 6 years pipeline safety experience and completed all TQ training courses to	conduct a stand	ard
	ection.	and has 6 years piperine safety experience and completed an 1Q training courses to	conduct a standa	aru
1110p				
8	Did the	inspector conduct an exit interview? (If inspection is not totally complete the	1	1
Ü		w should be based on areas covered during time of field evaluation)		•
	Yes = 1			
	or Notes:			
Yes	, there was	s plenty of discussion with operator during the inspection on the activities going on	i.	
9	-	the exit interview, did the inspector identify probable violations found during the	1 NA	4
	inspecti Yes = 1 h	ons? (if applicable)		
Evaluato	or Notes:			
Nor	e found			
10	General	Comments: 1) What did the inspector observe in the field? (Narrative	Info OnlyInfo On	ılv
-		ion of field observations and how inspector performed) 2) Best Practices to Share	, J.	J
		her States - (Field - could be from operator visited or state inspector practices) 3)		
	Other.	- No Deine		
	-	y = No Points Abandonment		
	a. b.	Abnormal Operations		
		Break-Out Tanks		
	c. d.			
		Compressor or Pump Stations Change in Class Location		
	e. f.	Casings		
		Cathodic Protection		
	g. h.	Cast-iron Replacement		
	i.	Damage Prevention		
		Deactivation		
	J. k.	Emergency Procedures		
	l.	Inspection of Right-of-Way		
	m.	Line Markers		
	n.	Liaison with Public Officials		
	0.	Leak Surveys		
	p.	MOP		
	q.	MAOP		
	r.	Moving Pipe		
	S.	New Construction	\boxtimes	
	t.	Navigable Waterway Crossings		
	u.	Odorization		
	v.	Overpressure Safety Devices		
	w.	Plastic Pipe Installation	\boxtimes	
	х.	Public Education		
	y.	Purging		
	Z .	Prevention of Accidental Ignition		
	A.	Repairs		
	B.	Signs		
	C.	Tapping		
	D.	Valve Maintenance		



E.

Vault Maintenance

F.	Welding	
G.	OQ - Operator Qualification	
H.	Compliance Follow-up	
I.	Atmospheric Corrosion	
J.	Other	
Evaluator Notes:		

Total points scored for this section: 11 Total possible points for this section: 11



PAR'	Γ H - Interstate Agent State (If Applicable)	oints(MAX)	Score
1	Did the state was the augment federal inspection forms(s)?	1	1
	Did the state use the current federal inspection form(s)? Yes = 1 No = 0 Needs Improvement = .5	1	1
Evaluato	or Notes:		
Stat	te uses IA to document inspections.		
2	Are results documented demonstrating inspection units were reviewed in accordance "PHMSA directed inspection plan"? Yes = 1 No = 0 Needs Improvement = .5	with 1	1
Evaluato	or Notes:		
Stat	te followed Eastern Region inspection plan.		
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	atest 1	1
Evaluato	or Notes:		
Stat	te submitted required data to Mark Wendorff, Eastern Region within 60 days of completi	ng the inspecti	on.
4	Were probable violations identified by state referred to PHMSA for compliance? (NO PHMSA representative has discretion to delete question or adjust points, as appropria based on number of probable violations; any change requires written explanation.) Yes = 1 No = 0 Needs Improvement = .5		1
Evaluato	or Notes:		
Stat	te submitted violation data to Mark Wendorff, Eastern Region.		
5	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	1	NA
Evaluato	or Notes:		
No	imminent safety hazards found in CY 2015.		
6	Did the state give written notice to PHMSA within 60 days of all probable violations found?	1	1
Evaluato	Yes = 1 No = 0 Needs Improvement = .5 or Notes:		
	te submitted violation data to Mark Wendorff, Eastern Region within 60 days of discover	ry of violation.	
7	Did the state initially submit documentation to support compliance action by PHMSA probable violations?	on 1	1
Б 1 .	Yes = 1 No = 0 Needs Improvement = .5		
Lizabiote	or Notor:		



Info OnlyInfo Only

8 General Comments:

Info Only = No Points

Evaluator Notes:

Prior to evalution, Jim Anderson sent an evaluation form to Mark Windorff, PHMSA Eastern Region, and asked if he had any issues with the CT DEEP in their Interstate Agency Agreement.

His Response:

Yes I am still handling the interstate agents. I would give CT a 1, or Yes, for the seven (7) questions.

Yes. State submitted violation data to Mark Wendorff, Eastern Region.

Under comments in eight (8), Karl Baker and staff have been very responsive to any PHMSA Eastern Region requests, and very good at following our Region specific methods for handling inspections, probable violations, etc.

Total points scored for this section: 6 Total possible points for this section: 6



PART	T I - 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 or 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 To 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 or 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 or 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 Tr 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 or 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