

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

2017 Gas State Program Evaluation

for

NEW JERSEY BOARD OF PUBLIC UTILITIES

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
- 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: New Jersey Rating:

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

Date of Visit: 07/23/2018 - 07/27/2018

Agency Representative: Mike Stonack, PE Bureau Chief, Pipeline Safety

Jim Giuliano, Director of Reliability & Security

Juan Urena, Environmental Engineer 2

John Staudenmayer, Environmental Engineer 1

Andre Moses, Environmental Engineer

PHMSA Representative: Glynn Blanton, PHMSA State Programs Commission Chairman to whom follow up letter is to be sent:

Name/Title: Joseph L. Fiordaliso, President
Agency: New Jersey Board of Public Utilities

Address: 44 South Clinton Avenue, 3rd Floor, Suite 314, PO Box 350

City/State/Zip: Trenton, New Jersey 08625-0350

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
Α	Progress Report and Program Documentation Review	10	9
В	Program Inspection Procedures	13	13
С	Program Performance	48	48
D	Compliance Activities	15	15
Е	Incident Investigations	11	11
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
TOTAI	LS	117	116
State R	ating		99.1

PART A - Progress Report and Program Documentation Review

Points(MAX) Score

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

Evaluator Notes:

A review and comparison of 2016 & 2017 Attachment 1 found two less master meter operators. The names of the master meter operators eliminated were provided in Attachment 3. Total number of units inspected was less than in CY2016.

Colonial Pines, LLC was eliminated as a Master Meter facility in CY2017 and converted to separate services and meters by NJNG.

Rahway Housing Authority was also eliminated as a Master Meter facility in CY2017 and converted to separate services and meters by ETG.

Review of Inspection Days for accuracy - Progress Report Attachment 2

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

Inspection days were higher in CY2017 than CY2016: 454.5/427. Excellent description of inspection activities was listed in note section of Attachment 2.

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:

The list of operators match attachment 1. Note section provided a description of master meter systems that were eliminated in CY2017.

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

Report Attachment 4

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

No incidents/accidents were indicated on attachment 4 for CY 2017. However, when reviewing the files, Mike Stonack indicated that one incident was inadvertently left off Attachment 4. The incident was on July 7, 2017, at 139 Lincoln Avenue in Fair Lawn, NJ. This item will need to be added to the 2017 NJ BPU progress report. As a follow-up, Mike Stonack contacted Carrie Winslow on July 31, 2018, and requested the incident information be added to the Progress Report document. Improvement is needed in assuring all accidents are listed on attachment 4. Therefore a loss of a point occurred.

5 Accuracy verification of Compliance Activities - Progress Report Attachment 5

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

Verification of compliance activities found no civil penalties assessed in CY2017. However, nine probable violations were corrected and the names of the companies listed was provided in the note section. Number of carry over violations was less than in previous year along with the number corrected during CY2017.

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, program files, letters and reports were reviewed and found well-organized. No issues of concern.

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

Yes = 1 No = 0 Needs Improvement = .5



Evaluator Notes:

Yes, reviewed TQ training records and found five inspectors (two permanent full time, two temporary part time, and one who left the program in February 2017) which includes the Program Manager have completed all required TQ training courses to meet the Gas Inspector Training requirements. Two other permanent full time inspectors had several courses to complete to meet the Gas Inspector training requirements as of the end of CY 2017. Three inspectors had completed the DIMP inspector training requirements and no one has completed the Gas IM training requirements.

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

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Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

NJ has a current civil penalty amount of \$100,000/\$1,000,000 for violations of the pipeline safety regulations. Senate Bill S-2673 was introduced to increase the Maximum Penalties to \$200,000/\$2 M. The current Senate bill (S-679) is still pending before the legislature.

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 detailed description on past and future performance was provided. Excellent information on long term goals and initiatives on construction activities, damage prevention and training was listed.

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

Evaluator Notes:

Question A.4: a loss of one point occurred.

Total points scored for this section: 9 Total possible points for this section: 10



2 2

Evaluator Notes:

Yes, standard inspection procedures include pre-inspection, inspection and post inspection information are located on page 30-31 under Section 7, Inspection and Compliance Program, in NJ BPU Procedure Manual dated July, 2018.

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.

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1

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

Yes, IMP & DIMP inspection procedures include pre-inspection, inspection and post inspection information are located on page 30-33 under Section 7, Inspection and Compliance Program, in NJ BPU Procedure Manual dated July, 2018.

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

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

Yes, OQ inspection procedures include pre-inspection, inspection and post inspection information are located on page 30-33 under Section 7, Inspection and Compliance Program, in NJ BPU Procedure Manual dated July, 2018.

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.

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Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

Yes, Damage Prevention inspection procedures include pre-inspection, inspection and post inspection information are located on page 33 under Section 7, Inspection and Compliance Program, in NJ BPU Procedure Manual dated July, 2018.

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

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Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

Yes, Operator Training procedures are located on page 32 under Section 7, Inspection and Compliance Program, in NJ BPU Procedure Manual dated July, 2018.

6 Construction 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.

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Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes

Yes, Construction inspection procedures including pre-inspection, inspection and post inspection are located on page 32 under Section 7, Inspection and Compliance Program, in NJ BPU Procedure Manual dated July, 2018.

7 Does inspection plan address inspection priorities of each operator, and if necessary each 6 6

Yes = 6 No = 0 Needs Improvement = 1-5

unit, based on the following elements?

	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 liance activities)	Yes •	No 🔾	Needs Improvement
	c.	Type of activity being undertaken by operators (i.e. construction)	Yes	No 🔾	Needs Improvement
	d. areas,	Locations of operators inspection units being inspected - (HCA's, Geographic Population Density, etc)	Yes •	No 🔾	Needs Improvement
		Process to identify high-risk inspection units that includes all threats - (Excavation age, Corrosion, Natural Forces, Outside Forces, Material and Welds, Equipment, ators and any Other Factors)	Yes •	No 🔾	Needs Improvement
	f.	Are inspection units broken down appropriately?	Yes 💿	No 🔾	Needs Improvement
date	ns a thr	u e are located on page 25-26 under Section 7, Inspection and Compliance Program, 2018. A review of inspection units found them to be broken down correctly. No issu			
8		eral Comments: Only = No Points	Info Onl	yInfo Or	nly
Evaluato	or Notes	S:			
No	loss of	points in this section of the review.			
		Total points of	parad for	this soot	rion: 12

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): 454.50			
	B. Total Inspection Person Days Charged to the Program (220 X Inspection Person Years) (Attachment 7): 220 X 3.92 = 861.67			
	Ratio: A / B 454.50 / 861.67 = 0.53			
	If Ratio >= 0.38 Then Points = 5, If Ratio < 0.38 Then Points = 0 Points = 5			
B.T F R		rs(Attach	ment 7)=	=861.6663
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
	e. Verify inspector has obtained minimum qualifications to lead any applicable standard inspection as the lead inspector.	Yes •	No 🔾	Needs Improvement
b. E Wea c. Jo d. N e. Y	or Notes: Ohn Grillo, Andre Moses, John Staudenmayer, Juan Urena, & Eric Weaver have completed to dward Lihan, Juan Urena and Eric Weaver completed the DIMP course requirements. Mike aver have completed the IMP course. Ohn Grillo, Edward Lihan, & Juan Urena have completed the root cause course. To outside training was completed or attended by staff in CY2017. Tes, John Grillo, Edward Lihan, Juan Urena, Eric Weaver, & Michael Stonack have completed aining to gas inspector training requirements.	Stonack	, Juan Ui	
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
Evaluato Yes		ger.		
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	2		2

Evaluator Notes:

Yes = 2 No = 0 Needs Improvement = 1

Yes, President Richard S. Mroz's response letter to Zach Barrett was received on October 10, 2017 and within the sixty day time requirement.

Evaluator No	Aluator Notes: Yes, the last seminar was held on October 26, 2016 in Edison, NJ. The next seminar will be held in CY2019.		
Yes, the	last seminar was held on October 26, 2016 in Edison, NJ. The next seminar will be held	in CY201	9.
int	d state inspect all types of operators and inspection units in accordance with time ervals established in written procedures? Chapter 5.1 as = 5 No = 0 Needs Improvement = 1-4	5	5
time sche	tes: view of NJ BPU database confirmed all private operators and units were inspected in accedule. CY2017 was the second year in the three-year cycle pertaining to inspections of records are inspected each year. CY2017 was the 4th year of the 5 year inspection cycle ns of the four natural gas utility operators.	naster met	er operators. LNG
Ins Ch Ye	d inspection form(s) cover all applicable code requirements addressed on Federal spection form(s)? Did State complete all applicable portions of inspection forms? sapter 5.1 ss = 2 No = 0 Needs Improvement = 1	2	2
safety reg	tes: y use the federal inspection forms along with NJ BPU forms in reviewing the operator's gulations. All forms are listed in the pipeline safety procedure manual. A review of inspection of the inspection report relative to the type of inspection was completed.		
exa (N	d the state review operator procedures for determining if exposed cast iron pipe was amined for evidence of graphitization and if necessary remedial action was taken? TSB) Chapter 5.1 $_{\text{ts}} = 1 \text{ No} = 0$ tes:	1	1
Yes, this	item is listed in NJ BPU Form GS-2 page 2. NJ BPU has also added this question to the monitoring the operator's compliance.	eir constru	ction form to
apj lea Ap	d the state review operator procedures for surveillance of cast iron pipelines, including propriate action resulting from tracking circumferential cracking failures, study of kage history, or other unusual operating maintenance condition? (Note: See GPTC opendix G-18 for guidance) (NTSB) Chapter 5.1	1	1
Evaluator No Yes, this	tes: item is listed in NJ BPU Form GS-3 page 1, under B 4.		
exc add bu P-0	d the state review operator emergency response procedures for leaks caused by cavation damage near buildings and determine whether the procedures adequately dress the possibility of multiple leaks and underground migration of gas into nearby ildings Refer to $4/12/01$ letter from PHMSA in response to NTSB recommendation $00-20$ and $P-00-21$? (NTSB) Chapter 5.1 $v_0 = 0$	1	1
Evaluator No Yes, this	tes: item is listed in NJ BPU Form GS-3 page 2. B 8 (7)		

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

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Years? Chapter 8.5 Yes = 1 No = 0

	required by 192.617? Chapter 5.1 Yes = 1 No = 0		
Evaluato	or Notes:		
Yes	s, this item is listed in NJ BPU Form GS-3, page 2, B10.		
12	Has the state reviewed Operator Annual reports, along with Incident/Accident reports, for accuracy and analyzed data for trends and operator issues? Yes = 2 No = 0 Needs Improvement = 1	r 2	2
Yes post	or Notes: s, NJ BPU engineers review the operator's annual reports and perform an analysis on the data ted on a spreadsheet maintained by the Program Manager. Additionally, each inspector reviewal report during a pipeline safety inspection.		
13	Has state confirmed intrastate transmission operators have submitted information into NPMS database along with changes made after original submission? Yes = 1 No = 0 Needs Improvement = .5	1	1
Yes	or Notes: s, operators submitted to NJ BPU annually a report of any changes they have made or update ditionally, this question is listed on NJ BPU inspection form GS-3 section E.4 on page 9.	es on their f	acilities.
14	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 or Notes:	2	2
	s, this is accomplished by using the PHMSA Form GS-40-199.		
15	Is state verifying operators OQ 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	Yes = 2 No = 0 Needs Improvement = 1 or Notes: s, this is accomplished using GS-21 or PHMSA Form 14. NJ BPU has a rule N.J.A.C. 14:7-1 ile with their organization any proposed updates.	.23 that rec	quires the operator
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
Yes requ	or Notes: s, this is accomplished in NJ BPU GS-31, Transmission IMP Inspection .NJ BPU has a rule laures the operator to file with their organization any proposed updates. In CY2016, all four opected and reviewed pertaining to the IMP program. CY2017, PSE&G was inspected by Mile	f the privat	e operators were
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	2	2

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

2017 Gas State Program Evaluation

annually?). 49 CFR 192 Subpart P

Yes, all DIMP inspections were performed in CY2014. The second round of DIMP inspections were performed in CY2016. In CY2018 a third round of inspections will be performed.

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

2 2

Evaluator Notes:

Yes, Public Awareness program reviews were initially conducted in December 2013. In CY2016, four operator's public awareness programs were reviewed. The operators were Elizabethtown Gas Company, New Jersey Natural Gas, South Jersey Gas & Public Service Electric & Gas. In CY2017, Elizabethtown Gas Company's public awareness program was reviewed. In CY2018, a public awareness effectiveness review was performed on New Jersey Natural Gas, Public Service Electric & Gas, & South Jersey Gas Company by Northeast Gas Association. The results showed a positive awareness of natural gas properties and hazardous of the product.

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).

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Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

Yes, NJ BPU members continue to attend NJ CGA quarterly meetings to communicate with stakeholders. The meeting dates were January 11, April 5th, June 7th & October 4, 2017. A NJ 811 proclamation was signed by the Governor Philip D. Murphy on March 9th that designates April as the Underground Damage Prevention Month.

20 Did state execute appropriate follow-up actions to Safety Related Condition (SRC) Reports? Chapter 6.3
Yes = 1 No = 0 Needs Improvement = 5

1 1

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

No safety related condition reports 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 concerns?

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Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

Yes, this was accomplished by e-mail sent to each operator by Mike Stonack regarding this item. A review of files confirm this item was completed each year and responses reviewed. No areas of concern.

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 Mike Stonack confirm several responses were provided to NAPSR. The dates of the surveys are 08-17-17, 09-14-17 & 12-9-17.

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.

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No = 0 Needs Improvement = .5 Yes = 1

Evaluator Notes:

No waivers or special permits were issued in CY2017.

24	Did the state attend the National NAPSR Board of Directors Meeting in CY being evaluated?	1	1	I
г 1 .	No = 0 Needs Improvement = .5 Yes = 1			
Evaluato		1	2017	
Yes	, Mike Stonack attended the NAPSR 2017 Board of Directors meeting in Columbus, OH in S	Septembe	er, 2017.	
25	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	2	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
dow 1,00	or Notes: b. Reviewed PHMSA State Program Metrics and found leaks repaired per 1,000 miles were mward trend from previous year. It appears the number is 2.25 damages per 1,000 locate requivous also trend downward. Program Manager and staff will continue to monitor and review rators during their inspections and take AA action.	uest. Lea	ks outsta	inding per
	Discussion with State on accuracy of inspection day information submitted into State Inspection Day Calculation Tool (SICT) Has the State updated SICT data? No = 0 Yes = 1 or Notes: cussed with Mike Stonack the SIDCT. A few minor changes were made based on the eliminarators. The anticipate CY2018 inspection person days will be 554.	1	NA wo maste	
27	Did the State verify Operators took appropriate action regarding Pipeline Flow Reversals, Product Changes and Conversions to Service? See ADP-2014-04 Needs Improvement = .5 No = 0 Yes = 1	1	1	1
	or Notes: pipeline flow reversals occurred in CY2017. NJ operators are required to inform NJ BPU of eau's rule.	this actio	on due to	the
28	Info Only = No Points	Info Onl	yInfo On	ly
Evaluato No l	or Notes: loss of points occurred in this section of the review.			
	Total points so Total possible po			

	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 Yes = $4 \text{ No} = 0 \text{ Needs Improvement} = 1-3$	4		4
		a. Procedures to notify an operator (company officer) when a noncompliance is identified	Yes •	No 🔾	Needs Improvement
		b. Procedures to routinely review progress of compliance actions to prevent delays or breakdowns	Yes •	No 🔾	Needs Improvement
		c. Procedures regarding closing outstanding probable violations	Yes •	No 🔾	Needs Improvement
Eva	a.Th b.Th	r Notes: is is located on page 33, NJ BPU Operation Manual Section 7, Inspection & Compliance da is is located on page 33-34, NJ BPU Operation Manual Section 7, Inspection & Compliance is is located on page 34 NJ BPU Operation Manual Section 7, Inspection & Compliance da	dated J	uly, 2018	
	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 municipal/government system?	Yes •	No 🔾	Needs Improvement
		b. Document probable violations	Yes 💿	No 🔾	Needs Improvement
		c. Resolve probable violations	Yes •	No 🔾	Improvement O
		d. Routinely review progress of probable violations	Yes •	No 🔾	Needs Improvement
		e. Within 30 days, conduct a post-inspection briefing with the owner or operator of the gas or hazardous liquid pipeline facility inspected outlining any concerns; and	Yes •	No 🔾	Needs Improvement
		f. Within 90 days, to the extent practicable, provide the owner or operator with written preliminary findings of the inspection.	Yes •	No 🔾	Needs Improvement
Eva	a. Yolette mail b.Yo c. Pr d. A e. Yo serie	r Notes: es, a review of compliance action letter sent to Public Service Electric & Gas Company on Nor was to the company officer, Ms. Tamara Linde, Executive Vice President. Additional letter ed to the company officer. es, violations were found and noted in the letters. obable violations were resolved within the established time schedule. Il violations were reviewed monthly. es this is identified in the last paragraph of letter, NJAC 14:7-2.3 an amount of \$100,000 per est of violations. es, see NJ BPU Operation Manual Section 7, Inspection & Compliance dated July, 2018.	rs review	ved found	d they were
	3	Did the state issue compliance actions for all probable violations discovered? Yes = 2 No = 0 Needs Improvement = 1	2		2
∃va	Yes,	r Notes: six compliance actions were issued in CY2017 as found in data base and listed on 2017 NJ chment 5- Stats on Compliance Actions	BPU Pro	ogress R	eport,
	4	Did compliance actions give reasonable due process to all parties? Including "show cause" hearing if necessary. Yes = $2 \text{ No} = 0$	2		2
∃va		r Notes: NJ BPU rule section 14:7-2.6 provides the operator and all parties due process including a section 14:7-2.6 provides the operator and all parties due process including a section 14:7-2.6 provides the operator and all parties due process including a section 14:7-2.6 provides the operator and all parties due process including a section 14:7-2.6 provides the operator and all parties due process including a section 14:7-2.6 provides the operator and all parties due process including a section 14:7-2.6 provides the operator and all parties due process including a section 14:7-2.6 provides the operator and all parties due process including a section 14:7-2.6 provides the operator and all parties due process including a section 14:7-2.6 provides the operator and all parties due process including a section 14:7-2.6 provides the operator and all parties due process including the parties of the operator and all parties due process including the parties of the operator and all parties due process including the parties of the operator and all parties due process including the parties of the operator and all parties due process including the parties of the part	show cau	ıse.	
	5	Is the program manager familiar with state process for imposing civil penalties? Were	2		2



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

Evaluator Notes:

Yes, Mike Stonack is familiar with this process and has issued a civil penalty in the past to several operators. The last civil penalty issues was in CY2016 against South Jersey Gas in the amount of \$150,000

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

Yes = 1 No = 0 Needs Improvement = .5

Info Only = No Points

Evaluator Notes:

Yes, this was demonstrated in the civil penalty issued against South Jersey Gas in CY2016.

7 General Comments: Info OnlyInfo Only

Evaluator Notes:

No loss of point 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
Yes	or Notes: s, this information is located on pages 38, under section 8.1, Failure Investigation and Safety BPU Pipeline Safety Procedure Manual.	Related	Conditio	n Reports in
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 (Appendix E)	Yes •	No 🔾	Needs Improvement
Yes	or Notes: s, a. page 38-41, under section 8, Failure Investigation and Safety Related Condition Reports cedure Manual address this item and Appendix F	in NJ B	PU Pipel	ine Safety
	s, b. this information is listed on page 38-41,NJ BPU Pipeline Safety Procedure Manual and twided in Appendix G of their procedures.	he full d	ocument	s are
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		1
Yes safe	or Notes: s, all telephonic calls and emails from operators pertaining to incidents/accidents are respondety inspectors. NJ BPU require all operators to report incidents/accidents by e-mail to all inspective will be rendered by the Program Manager and placed in the operator's file folder.			
4	Were all incidents investigated, thoroughly documented, and with conclusions and recommendations? Yes = 3 No = 0 Needs Improvement = 1-2	3		3
	a. Observations and document review	Yes •	No 🔘	Needs Improvement
	b. Contributing Factors	Yes 💿	No 🔘	Needs Improvement
	c. Recommendations to prevent recurrences when appropriate	Yes •	No 🔾	Needs Improvement
	or Notes: s, the one incident that occurred in CY2017 was investigated and thoroughly documented with the contract of the cont	h inforn	nation and	
5	Did the state initiate compliance action for violations found during any incident/accident investigation? $Yes = 1 No = 0$	1		1

Evaluator Notes

No violations were found or noted in the investigation of the incident. Cause of the incident was due to a downed power line igniting a gas service at the curb valve box location.

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

1

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

Yes, Mike Stonack has related information on incident reports to the Region Office and AID. A review of file found correspondence was conducted with Brian Pierzina on October 12, 2017 pertaining to the incident at 139 Lincoln Avenue in Fair Lawn, NJ.

Does state share lessons learned from incidents/accidents? (sharing information, such as: 1
 at NAPSR Region meetings, state seminars, etc)
 Yes = 1 No = 0

Evaluator Notes:

Yes, Mike Stonack provided an overview of the incident at the 2018 NAPSR Eastern Region meeting held at Penn State University.

8 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: 11 Total possible points for this section: 11



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 accomplished by New Jersey Administrative Code Section 14:7-1.25 and reviewed with the operator during a construction inspection.

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

Evaluator Notes:

Yes, this is accomplished on construction and office visits. They use NJ BPU GS 9-ST & GS 9- PL & GS-1 forms to monitor this item.

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:

Yes, during the months of February thru April each year, a weekly breakfast and training seminar on damage prevention and using the 811 number is conducted with stakeholders. Over 1,431 stakeholders attended the 12 contractor meetings in several regions of the state which cover all counties in the state.

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

2

Evaluator Notes:

Yes, NJ BPU reviews the pipeline damages quarterly and annually. In CY2017, New Jersey had 2.49 pipeline damages per 1,000 locate request. The number of total ticket requests has continue to increase by 11 percent from previous year.

5 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: 8 Total possible points for this section: 8



Info OnlyInfo Only

Operator, Inspector, Location, Date and PHMSA Representative Info Only = No Points

Name of Operator Inspected:

PSE&G Company

Name of State Inspector(s) Observed:

Andre Moses, John Staudenmayer and Juan Urena

Location of Inspection:

Ewing & Monroe Township, NJ

Date of Inspection:

July 24 & 26, 2018

Name of PHMSA Representative:

Glynn Blanton, PHMSA State Programs

Evaluator Notes:

Observed two separate construction inspections at two different locations on July 24 & 26, 2018.

July 24th: Service line was replaced and meter moved out of basement at 531 Patton Drive & Cleardale Avenue in Ewing Township. The 8 " cast iron main was recently replaced with PE. The new service line was connected to the PE main line. Work was performed by Lantier Construction Company, a contractor hired by PSE&G Company. Inspectors checked OQ records of individuals, company procedures on installation and tie-in of service line to main.

July 26th: Installation of a new 12" API 5L X-42 wall thickness .250 steel pipeline located at Spotswood Englishtown Road in Monroe Township. The construction contractor was Henkels & McCoy hired by PSE&G Company. Witnessed welding of sections of pipe, shrink wrapping the welding area and lowering of pipe into the ditch line. OQ records, company procedures on welding, jeeping the pipe and welded areas, depth of ditch line and other information was reviewed and checked.

Was the operator or operator's representative notified and/or given the opportunity to be present during inspection?

Yes = 1 No = 0

1

Evaluator Notes:

Yes, the operator, PSE&G Company, was notified several weeks in advance of the inspection.

Did the inspector use an appropriate inspection form/checklist and was the form/checklist 2 used as a guide for the inspection? (New regulations shall be incorporated)

Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

Yes, each inspector used the construction form and checklist during the inspection. Validation of pipeline material, procedures and locate ticket for the area was reviewed and checked.

4 Did the inspector thoroughly document results of the inspection? 2 2

Yes = 2 No = 0 Needs Improvement = 1

evaluation? (check all that apply on list)

Evaluator Notes:

Yes, this evaluator observed both inspectors documenting the results of their inspection on the construction forms.

Did the inspector check to see if the operator had necessary equipment during inspection 1 to conduct tasks viewed? (Maps,pyrometer,soap spray,CGI,etc.)

Yes = 1 No = 0

Evaluator Notes:

Yes, a review of equipment and records of procedures was reviewed prior to witnessing the work being performed by the construction crews.

6 Did the inspector adequately review the following during the field portion of the state 2 2



	Yes = 2	No = 0 Needs Improvement = 1		
	a.	Procedures	\boxtimes	
	b.	Records	\boxtimes	
	c.	Field Activities	\boxtimes	
	d.	Other (please comment)		
Evaluato				
	_	eview of records, procedures, drawings and construction prints was conducted at	each of the tw	vo inspection
sites	S. 			
7	regulati	inspector have adequate knowledge of the pipeline safety program and ions? (Evaluator will document reasons if unacceptable) No = 0 Needs Improvement = 1	2	2
year	, Juan Ure	ena has four years of experience and has completed the Gas Inspector requirement rience and will complete gas inspector requirements in August 2018, and Andre of experience and needs two more courses to complete gas inspector requirement	Moses has on	
8		inspector conduct an exit interview? (If inspection is not totally complete the ew should be based on areas covered during time of field evaluation) $N_0 = 0$	1	1
		exit interview was conducted with the Foreman or Company construction engin	eer after each	inspection was
9	_	the exit interview, did the inspector identify probable violations found during the ions? (if applicable)	ne 1	1
	robable vi	olation was been considered by NJBPU inspectors on the shrink wrap procedure construction project welding tie-in.	e used by the c	contractor on the
10	descrip with Ot Other.	l Comments: 1) What did the inspector observe in the field? (Narrative tion of field observations and how inspector performed) 2) Best Practices to Shather States - (Field - could be from operator visited or state inspector practices) 3		fo Only
		y = No Points		
	a.	Abandonment		
	b.	Abnormal Operations		
	c. d.	Break-Out Tanks Compressor or Pump Stations		
		Compressor or Pump Stations		
	e.	Change in Class Location		
	f.	Casings Cathodia Protection		
	g. h	Cathodic Protection		
	h.	Cast-iron Replacement		
	i. j.	Damage Prevention Deactivation		
	J. k.			
	к. 1.	Emergency Procedures Inspection of Pight of Way		
		Inspection of Right-of-Way Line Markers		
	m.	Liaison with Public Officials		
	n.			
	0.	Leak Surveys MOP		
	p.	MAOP		
	q. r.	Moving Pipe		
	1.	1110 1 1116 1 1100	\Box	



S.	New Construction	\boxtimes
t.	Navigable Waterway Crossings	
u.	Odorization	
v.	Overpressure Safety Devices	
W.	Plastic Pipe Installation	\boxtimes
X.	Public Education	
y.	Purging	
Z.	Prevention of Accidental Ignition	
A.	Repairs	
B.	Signs	
C.	Tapping	
D.	Valve Maintenance	
E.	Vault Maintenance	
F.	Welding	\boxtimes
G.	OQ - Operator Qualification	\boxtimes
H.	Compliance Follow-up	
I.	Atmospheric Corrosion	
J.	Other	
Evaluator Notes:		

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



IAN	H - Interstate Agent State (II Applicable)	mts(MAA)	Score	
1	Did the state use the current federal inspection form(s)?	1	NA	
	Yes = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$			
Evaluato	r Notes:			
2	Are results documented demonstrating inspection units were reviewed in accordance wing "PHMSA directed inspection plan"? Yes = 1 No = 0 Needs Improvement = .5	ith 1	NA	
Evaluato				
3	Did the state submit documentation of the inspections within 60 days as stated in its late. Interstate Agent Agreement form? Yes = 1 No = 0 Needs Improvement = .5	est 1	NA	
Evaluato	r Notes:			
4	Were probable violations identified by state referred to PHMSA for compliance? (NOT 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		NA	
Evaluato	r Notes:			
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	•			
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				
7	Did the state initially submit documentation to support compliance action by PHMSA or probable violations? Yes = 1 No = 0 Needs Improvement = .5	n 1	NA	
Evaluato				
8	General Comments:	Info Onlylı	nfo Only	
Evaluato	Info Only = No Points r Notes:			



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

PART	PART I - 60106 Agreement State (If Applicable) Poin		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