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

2018 Gas State Program Evaluation

for

Public Service Commission of the District of Columbia

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)



2018 Gas State Program Evaluation -- CY 2018 Gas

State Agency: District of Columbia Rating:

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

Date of Visit: 10/22/2019 - 10/24/2019 **Agency Representative:** Udeozo Ogbue **PHMSA Representative:** Don Martin

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

Name/Title: Willie L. Phillips, Chairman

Agency: Public Service Commission of the District of Columbia

Address: 1325 G Street NW, Suite 800

City/State/Zip: Washington, District of Columbus 20095

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 2018 (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.

Scoring Summary

PARTS		Possible Points	Points Scored
A	Progress Report and Program Documentation Review	10	10
В	Program Inspection Procedures	12	12
C	Program Performance	44	44
D	Compliance Activities	15	15
E	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	105	105
State Rating			100.0



PART A - Progress Report and Program Documentation Review

No inaccuracies were found with the information on Attachment 7.

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

No issues were found. The DCPSC has automatic adoption of federal regulations.

Points(MAX) Score

	Review		
1	Accuracy of Jurisdictional Authority and Operator/Inspection Units Data - Progress	1	1
	Report Attachment 1 Yes = 1 No = 0 Needs Improvement = .5		
Evaluato	or Notes:		
No	inaccuracies found. The DCPSC has one operator that has one distribution inspection unit a	nd one trai	nsmission unit.
2	Review of Inspection Days for accuracy - Progress Report Attachment 2 Yes = 1 No = 0 Needs Improvement = .5	1	1
The	or Notes: DCPSC accounts for inspection person days in each inspection entered into a database. The orted out of the database and compiled for entry into Attachment 2. No issues found resulting		
3	Accuracy verification of Operators and Operators Inspection Units in State - Progress Report Attachment 3 Yes = 1 No = 0 Needs Improvement = .5	1	1
Evaluato	or Notes:		
No	inaccuracies found.		
4	Were all federally reportable incident reports listed and information correct? - Progress Report Attachment 4 Yes = 1 No = 0 Needs Improvement = .5	1	1
The	or Notes: DCPSC had no incidents listed on Attachment 4. The Pipeline Data Mart did not have any inaccuracies were found.	incidents l	isted for CY2018
5	Accuracy verification of Compliance Activities - Progress Report Attachment 5 Yes = 1 No = 0 Needs Improvement = .5	1	1
Evaluato	or Notes:		
The	compliance data was found to be accurate.		
6	Were pipeline program files well-organized and accessible? - Progress Report Attachment 6	2	2
Evaluato	Yes = 2 No = 0 Needs Improvement = 1 or Notes:		
	issues were identified with the organization of the DCPSC files.		
7	Was employee listing and completed training accurate and complete? - Progress Report Attachment 7	1	1
Evaluate	Yes = 1 No = 0 Needs Improvement = .5 or Notes:		
⊥ vaiual(JI INUICS.		



8

Attachment 8

Yes = 1 No = 0 Needs Improvement = .5

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:

No issues were identified with Planned Performance activities described in Attachment 10.

10 General Comments:

Info OnlyInfo Only

Evaluator Notes:

Info Only = No Points

No issues were identified that resulted in a loss of points.

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



1	1
-	-

2

DIMP inspection activities are covered on Page 12 and 13 in DCPSC Procedures. It was recommended that Transmission Integrity Management Procedures be separated from procedures for Distribution Integrity Management?

consistency in all inspections conducted by the state? The following elements should be addressed at a minimum - pre-inspection activities, inspection activities, post-inspection

Standard Inspection procedures should give guidance to state inspectors that insure

1

1

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Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

1

OQ Inspection Procedures are described on Page 13 and 14 in DCPSC Procedures.

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.

Yes = 1 No = 0 Needs Improvement = .5

Damage Prevention Inspection Procedures are described on Page 14 in the DCPSC Procedures.

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

1 NA

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

The DCPSC has one private distribution operator. There are no small operators in Washington DC. Operator training is not applicable in DC.

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.

1

Yes = 1 No = 0 Needs Improvement = .5

Construction Inspection Procedures are covered on Page 14 in the DCPSC Procedures.

7 Does inspection plan address inspection priorities of each operator, and if necessary each 6 6 unit, based on the following elements?

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



	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, inciden compliance activities)	t and Yes •	No 🔘	Needs Improvement
	c. Type of activity being undertaken by operators (i.e. construction)	Yes	No 🔘	Needs Improvement
	d. Locations of operators inspection units being inspected - (HCA's, Geograph areas, Population Density, etc)	Y es 💿	No 🔾	Needs Improvement
	e. Process to identify high-risk inspection units that includes all threats - (Exca Damage, Corrosion, Natural Forces, Outside Forces, Material and Welds, Equipme Operators and any Other Factors)		No 🔾	Needs Improvement
	f. Are inspection units broken down appropriately?	Yes •	No 🔘	Needs Improvement
prio	DCPSC considers (a through (d for identifying locations within the one operator's syntize inspection units since the entire area of the District of Columbia is served by o SC may want to consider breaking the one unit which has approximately 125,000 so	ne operator and		
8	General Comments: Info Only = No Points	Info Onl	yInfo Oı	nly
Evaluato				
The	e were no deficiencies noted where the DCPSC did not meet the requirements of Pa	rt B of this evalu	ation.	
	Total p	points scored for	this sect	ion: 12

Total possible points for this section: 12



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): 225.00			
	B. Total Inspection Person Days Charged to the Program (220 X Inspection Person Years) (Attachment 7): $220 \times 2.00 = 440.00$			
	Ratio: A / B 225.00 / 440.00 = 0.51			
	If Ratio >= 0.38 Then Points = 5, If Ratio < 0.38 Then Points = 0 Points = 5			
	or Notes:			
The	DCPSC's actual ratio was 0.51 which exceeded the required ratio of 0.38.			
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		vement
	b. Completion of Required DIMP*/IMP Training before conducting inspection as lead? *Effective Evaluation CY2013	Yes •	No O Needs Improv	vement
	c. Root Cause Training by at least one inspector/program manager	Yes 💿	No O Needs Improv	$_{ m vement}$
	d. Note any outside training completed	Yes 💿	- Needs	vement
	e. Verify inspector has obtained minimum qualifications to lead any applicable standard inspection as the lead inspector.	Yes •	Maade	vement
Upo indi Two	or Notes: on a review of completed inspections there no instances where the inspector did not have the viduals have completed the root cause training. o Inspectors and Program Manager completed the VASCC and Greater Chesapeake Damage gram Manager and one Inspector completed CAMP NARUC, Week One Training.	-	-	e
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	
Yes with wor	or Notes: , the State Program Manager successfully completed 15 TQ Courses and has managed the p n 100% scores in PHMSA Annual Program Evaluations for three (3) consecutive years (201 n NARUC's prestigious Terry Barnich Award in 2018 for his leadership and achievements in lementing natural gas and electricity safety regulations internationally.	5, 2016 a	and 2017). He a	
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	NA	
	or Notes:			
A re	esponse was not required for the CY2017 evaluation letter.			
5	Did State conduct or participate in pipeline safety training session or seminar in Past 3 Years? Chapter 8.5 Yes = $1 \text{ No} = 0$	1	1	
Evaluato	or Notes:			

The DCPSC participates with the Virginia Pipeline Safety Program in conducting seminars. Two Inspectors and Program

Manager attended the Virginia SCC 2018 Pipeline Safety Seminar and Conference.



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

Did inspection form(s) cover all applicable code requirements addressed on Federal Inspection form(s)? Did State complete all applicable portions of inspection forms?

The DCPSC oversees one operator with two inspection units (one transmission unit and one distribution unit). There were no instances found where the DCPSC did not meet its intervals. The DSPSC should modify its database to capture all of the inspection form activity that results in a full Standard Inspection. The current method to verify that a Standard Inspection has

Upon a review of randomly selected inspection files, no instances were found where a code requirement was not covered or

intervals established in written procedures? Chapter 5.1

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

been completed is burdensome at this time.

Yes = 2 No = 0 Needs Improvement = 1

the results of a requirement covered was not documented.

Chapter 5.1

5

2

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6

7

Evaluator Notes:

reported time party damage and leak response to ensure t	ippropriate operator response as
required by 192.617? Chapter 5.1	
Yes = 1 No = 0	
Evaluator Notes:	
Yes, following the Operator's filing of the mandatory bi-monthl	y damage reports, the DCPSC Inspectors conduct records
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Has the state reviewed Operator Annual reports, along with Incident/Accident reports, for 2 12 accuracy and analyzed data for trends and operator issues? Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

Yes, the DCPSC inspected, reviewed and analyzed data in WGL's Annual Report for CY 2018 and used the spreadsheet to compare WGL's performance on leaks per 100 Miles of Main and leaks per 1,000 Services, etc. to the performance of other LDCs in the east coast in their Annual Reports to PHMSA. The DCPSC noted WGL's leak total; checked excavation damage total and causes of leaks on mains and services; noted the 45% increase in corrosion-caused hazardous leaks to mains eliminated/repaired; 48% increase in excavation-damage caused hazardous leaks to mains eliminated/repaired; 21% increase in corrosion-caused hazardous leaks to services eliminated/repaired; and 9% decrease in excavation-damage caused leaks to services in CY 2018 compared to CY 2017. The DCPSC also noted that the % of Unaccounted for Gas increased from 3.69% in CY 2017 to 4.16% in CY 2018. The damage ratio (DR) at the time of reporting in 2018 increased from 1.63 in FY 2017 to 1.74 Hits/1,000 tickets, although WGL achieved a lower Damage Ratio of 1.57 overall in FY 2018, down from 1.75 in 2017 and 1.81 in 2016. The DCPSC discussed these trends with the Operator and plan to address them further in two planned Technical Conferences with the Operator in CY 2019.

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

Yes, the DCPSC reviews Pipeline Data Mart report and compares the report to NPMS database. There are 4.5 miles of gas transmission pipeline in DC.

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

2 2

1

Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

Yes, D&A inspections were conducted in CY 2018.

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 = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

Yes, the DCPSC conducts OQ Plan/Records inspections per Federal Protocols using on Form EN 32 Form every 36 months and conduct OQ Field inspections (OQ 9) annually using Form EN 32.9 Form and List of Covered Tasks. The DCPSC continues to participate in the NAPSR Eastern Region collaborative investigation of gas contractor OQ test cheating scandal and in the review of New York PSC's White Paper. The DCPSC issued a Data Request to WGL and directed it to conduct a deeper investigation of the Company's DC contractors' involvement in the scandal and report to the Commission. The DCPSC worked closely working with Virginia SCC to monitor WGL's retraining, testing, requalification and placement of affected contractor personnel. The DCPSC provided WGL with the OQ Program redesign checklist from the NAPSR Eastern Region collaborative investigation of gas contractor OQ programs.

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

Yes, the DCPSC conducted inspections of WGL's IMP plan in 2011 and 2014 and conducted new inspections on IMP in 2017 and 2018.

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	2	
Evaluato	Yes = $2 \text{ No} = 0 \text{ Needs Improvement} = 1$ or Notes:			
	the DCPSC conducted another round of DIMP Inspections in CY 2018 and verified that WC	iL met	all the requirement	S
18 Evaluato	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 or Notes:	2	2	
Yes	, the DCPSC completed PAPEI Effectiveness Inspections in September 2018.			
19	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	
Yes the enfo	or Notes: In the proceedings in gas pipeline safety formal cases such as Projectpipes to replace at risk pipeline commission web site and project progress is posted on social media such as Facebook and Inforcement actions such as NOPVs and related Settlements are available in the Commission's docket to commitments by the recent merger applicants are also available in the Commission's docket.	stagran ocket sy	n. Further, ystem. The pipeline	
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	NA	
Evaluato	or Notes:			
Non	e were reported in CY2018.			
21	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	
Yes WG mai have	or Notes: by, black plastic services are part of the Projectpipes project approved by the DC Commission to the Let to reduce risk and enhance safety by replacing aging corroded or leaking cast iron mains, but any services, and black plastic services in the distribution system. Additionally, any plastic shown a record of defects/leaks identified in the Operator's system are factored into the risk Projectpipes project list.	are and c pipe of	d/or unprotected stee or components that	
22	Did the state participate in/respond to surveys or information requests from NAPSR or PHMSA? Yes = 1 No = 0 Needs Improvement = .5	1	1	
Evaluato	or Notes:			
No	instances were found where the DCPSC did not participate.			
23	If the State has issued any waivers/special permits for any operator, has the state verified	1	NA	

conditions of those waivers/special permits are being met? This should include having the

operator amend procedures where appropriate.

 $N_0 = 0$ Needs Improvement = .5 Yes = 1

Evaluator Notes:

24 Evaluato	No=	the state attend the NAPSR National Meeting in CY being evaluated? 0 Needs Improvement = .5 Yes = 1	1		1
Yes					
25	site -	ussion on State Program Performance Metrics found on Stakeholder Communication http://primis.phmsa.dot.gov/comm/states.htm 0 Needs Improvement = 1 Yes = 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
Evaluato	r Notes	3:			•

The DCPSC is monitoring the performance metrics compiled by PHMSA. The DCPSC has noted their observations as follows:

- 1. 45% increase in corrosion-caused hazardous leaks to mains eliminated/repaired.
- 2. 48% increase in excavation-damage caused hazardous leaks to mains eliminated/repaired.
- 3. 21% increase in corrosion-caused hazardous leaks to services eliminated/repaired.
- 4. 9% decrease in excavation-damage caused leaks to services in CY 2018 compared to CY 2017.
- 5. Noted that the % of Unaccounted for Gas increased from 3.69% in CY 2017 to 4.16% in CY 2018.
- 6. The damage ratio (DR) at the time of reporting in 2018 increased from 1.63 in FY 2017 to 1.74 Hits/1,000 tickets, although WGL achieved a lower Damage Ratio of 1.57 overall in FY 2018, down from 1.75 in 2017 and 1.81 in 2016. The DCPSC discussed these trends with the Operator and plan to address them further in two planned Technical Conferences with the Operator in CY 2019.
- 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

Evaluator Notes:

A review was conducted of the DCPSC's entries in the SICT for 2018. The inspection person days required resulted in 225 days. 127 days were assigned for Construction Inspections leaving 98 days for other inspection types for a large distribution unit of approximately 125,000 service lines and a small gas transmission system. A majority of the 98 days involved comprehensive Standard Inspections of the large distribution unit. The DCPSC stated that the records and procedures portion of a Standard Inspection of the large distribution unit takes 24 days and the field portion takes approximately 40 days. The remaining 34 days were estimated to cover the other inspection types for distribution and all inspection types for the small transmission system. The 64 days for comprehensive Standard Inspections was entered into the SICT on conducting the inspections on an annual basis versus the three year cycle contained in the DCPSC's procedures. This resulted in overstating the 64 days by not using the three year cycle. Although overstated, it results more time spent in the field and does not impact DCPSC's oversight negatively.

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

Evaluator Notes:

There were no flow reversals reported by the operator in DC.

28 General Comments: Info OnlyInfo Only

Evaluator Notes:

Info Only = No Points

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Total points scored for this section: 44 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	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 c. Procedures regarding closing outstanding probable violations	Yes • Yes •	No \bigcirc	Needs Improvement Needs Improvement Needs
	or Notes: , the written procedures in the DCPSC's NGPSIEP Manual meet these requirements.	163 (5)	110	Improvement
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? (Incident Investigations do not need to meet 30/90 day requirement) 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 🔾	Needs Improvement
	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. or Notes: on a review of randomly selected inspection files, all requirements were met.	Yes •	No 🔾	Needs Improvement
3	Did the state issue compliance actions for all probable violations discovered? Yes = 2 No = 0 Needs Improvement = 1 or Notes:	2		2
Yes	, inspection files for those inspections identifying probable violations confirmed that complia	ance acti	ons were	e issued.
4	Did compliance actions give reasonable due process to all parties? Including "show cause" hearing if necessary. Yes = 2 No = 0	2	2	2
Evaluato	or Notes:			
No:	issues with due process were identified from reviewing the inspection files.			
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	Ž	2
Yes its p	or Notes: , the Program Manager exhibited excellent knowledge of the process to issue civil penalties. procedures manual that is very detailed in its consideration of penalties and has an excellent counts are determined.			
6	Can the State demonstrate it is using their enforcement fining authority for pipeline safety	1		1

Evaluator Notes:

violations?

Yes = 1 No = 0 Needs Improvement = .5

Yes, Attachment 5 of recent Progress Reports shows that the DCPSC has used it authority to issue and collect monetary penalties.

7 General Comments:

Info Only = No Points

Info OnlyInfo Only

Evaluator Notes:

The DCPSC has complied with the requirements of Part D of this evaluation. It should be noted that the DCPSC has an excellent process to determine penalty amounts.

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
	or Notes: s, it is contained in Commission Rule in FC No. 1089 and in OCE's NGPSIEP Manual.			
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
The	or Notes: e DCPSC exhibited knowledge of the MOU and Federal/State Cooperation (Appendix E of the ticipating in the Pipeline Safety Program (Guidelines).	ne Guide	lines for	States
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
	or Notes: ere were no incidents in Washington, DC during CY2018.			
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 Improvement
	c. Recommendations to prevent recurrences when appropriate	Yes ()	No (•)	Needs
Evaluat	or Notes:	Ü	Ü	Improvement
The	ere were no incidents in Washington, DC during CY2018.			
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:			
The	ere were no incidents in Washington, DC during CY2018.			
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	1	N.	A
	or Notes:			
TL	ora wara na inaidanta in Washington, DC during CV2019			

There were no incidents in Washington, DC during CY2018.

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:

8 General Comments:

Info Only = No Points

Evaluator Notes:

The DCPSC complied with the requirements of Part E of this evaluation.

Info OnlyInfo Only

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

2

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, the DCPSC reviews the Operator's O &M Manual Section 4100 and monitor its deployment of HDD/boring and other trenchless technologies in the District. We have also included the protection of gas facilities from the hazards of drilling and other trenchless technologies in DCPSC's Damage Prevention Inspection Form (EN 27).

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

Evaluator Notes:

Yes, the DCPSC continues to have access to the One Call Database for locate requests, locates/mark outs, etc. The DCPSC monitors the Operator's compliance with its damage prevention requirements in the Company's O&M Procedures Manual. DCPSC also issued NOPVs and cited 49 CFR 192 ? 605 and 49 CFR 192 ? 614 for the Operator's non-compliance with its own O & M Manual Section 4100 on markings and excavation damage prevention.

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

Evaluator Notes:

Yes, OCE worked in collaboration with the DCPSC Chairman's Office and the Public Relations Specialist to prepare the 2018 April Safe Digging Month proclamations by the Mayor, the District Council, and the Chairman of the Commission, and disseminated Call 811 literature. The DCPSC continued to contribute to the efforts of utilities, excavators, and locators in the District and to collaborate with other District agencies to revise the District's One Call Law to ensure adequate enforcement of the Federal Excavation Damage Prevention Program Final Rule (effective January 1, 2016). The DCPSC worked closely with OGC, the Mayor's Staff, OAG, DDOT, DCRA, and WGL to propose new legislation, the "Underground Facilities Protection Amendment Act (B23-0117)" first introduced in the fall of 2018.

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 DCPSC inspected, reviewed and analyzed data in WGL's Annual Report for CY 2018 and used the spreadsheet to compare WGL's performance on leaks per 100 Miles of Main and leaks per 1,000 Services, etc. to the performance of other LDCs in the east coast in their Annual Reports to PHMSA. The DCPSC noted WGL's leak total. The DCPSC checked excavation damage total and causes of leaks on mains and services. The DCPSC noted the following:

- 1. 45% increase in corrosion-caused hazardous leaks to mains eliminated/repaired.
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- 4. 9% decrease in excavation-damage caused leaks to services in CY 2018 compared to CY 2017.
- 5. Noted that the % of Unaccounted for Gas increased from 3.69% in CY 2017 to 4.16% in CY 2018.
- 6. The damage ratio (DR) at the time of reporting in 2018 increased from 1.63 in FY 2017 to 1.74 Hits/1,000 tickets, although WGL achieved a lower Damage Ratio of 1.57 overall in FY 2018, down from 1.75 in 2017 and 1.81 in 2016. The DCPSC discussed these trends with the Operator and plan to address them further in two planned Technical Conferences with the Operator in CY 2019.



5 General Comments: Info Only = No Points

Evaluator Notes:

The DCPSC complied with the requirements of Part F of this evaluation.

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 Onlyl	nfo Only
	Name of Operator Inspected: Washington Gas and Light		
	Name of State Inspector(s) Observed: Ahmadou Bagayoko		
	Location of Inspection: 13th Street and Maryland Ave., Washington DC and 7th Street and Jefferson, Washington, DC		
	Date of Inspection: October 23, 2019		
	Name of PHMSA Representative: Don Martin		
The mai	or Notes: DCPSC conducted inspections of two construction projects. At 13 Street and Maryland Aven and services as part of a large main replacement project. At 7th Street and Jefferson, the of 8 inch P.E. main to tie two systems together to provide additional gas flow capacity.		
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
Evaluato Yes	or Notes: , a Washington Gas and Light inspector was present at both locations.		
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
Yes	or Notes: , the DSPSC's Construction Inspection Form was used. The inspector completed the form in a puter. The form was completed as he progressed through the inspection.	n electronic	form on a tablet
4	Did the inspector thoroughly document results of the inspection? Yes = 2 No = 0 Needs Improvement = 1	2	2
	or Notes: form was completed on the tablet computer and then uploaded to the DCPSC's database.		
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 inspector checked the appropriate equipment being used and verified calibration dates a ification of individuals completing covered tasks.	along with	the OQ
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	\boxtimes	
	c. Field Activities		
	d. Other (please comment)		



Evaluator Notes:

performed by the operator's contractor. 2 2 Did the inspector have adequate knowledge of the pipeline safety program and regulations? (Evaluator will document reasons if unacceptable) Yes = 2 No = 0 Needs Improvement = 1**Evaluator Notes:** No deficiencies with knowledge was identified during the inspection. Did the inspector conduct an exit interview? (If inspection is not totally complete the 1 1 interview should be based on areas covered during time of field evaluation) Yes = 1 No = 0**Evaluator Notes:** Yes, at each construction site. 9 During the exit interview, did the inspector identify probable violations found during the 1 1 inspections? (if applicable) Yes = 1 No = 0**Evaluator Notes:** There were no probable violations identified. 10 General Comments: 1) What did the inspector observe in the field? (Narrative Info OnlyInfo Only description of field observations and how inspector performed) 2) Best Practices to Share with Other States - (Field - could be from operator visited or state inspector practices) 3) Other. Info Only = No Points Abandonment a. **Abnormal Operations** b. \boxtimes Break-Out Tanks c. d. Compressor or Pump Stations e. Change in Class Location f. Casings Cathodic Protection g. Cast-iron Replacement h. \boxtimes i. **Damage Prevention** \boxtimes Deactivation j. k. **Emergency Procedures** \boxtimes 1. Inspection of Right-of-Way m. Line Markers \boxtimes Liaison with Public Officials n. Leak Surveys 0. MOP p. MAOP \boxtimes q. r. Moving Pipe \boxtimes S. **New Construction** \boxtimes Navigable Waterway Crossings t. Odorization u. Overpressure Safety Devices v. Plastic Pipe Installation \boxtimes w. **Public Education** X. Purging y. Prevention of Accidental Ignition \boxtimes Z.

No deficiencies were identified with the inspector's coverage of procedures, records and construction activity that was being



A.

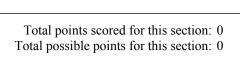
Repairs

В.	Signs	\boxtimes
C.	Tapping	
D.	Valve Maintenance	
E.	Vault Maintenance	
F.	Welding	
G.	OQ - Operator Qualification	\boxtimes
H.	Compliance Follow-up	
I.	Atmospheric Corrosion	
J.	Other	
Evaluator Notes:		
The DCPSC in	aspector met all of the requirements of Part G of this evaluation.	

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



PAR	Γ H - Interstate Agent State (If Applicable) P	Points(MAX)	Score
1	Did the state use the current federal inspection form(s)? Yes = 1 No = 0 Needs Improvement = .5	1	NA
Evaluato	or Notes:		
	DCPSC is not an interstate agent.		
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			
The	DCPSC is not an interstate agent.		
3	Did the state submit documentation of the inspections within 60 days as stated in its la Interstate Agent Agreement form? Yes = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$	atest 1	NA
	or Notes:		
The	DCPSC is not an interstate agent.		
4	Were probable violations identified by state referred to PHMSA for compliance? (NC 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		NA
Evaluato	or Notes:		
The	DCPSC is not an interstate agent.		
5	Did the state immediately report to PHMSA conditions which may pose an imminent safety hazard to the public or to the environment? Yes = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$	1	NA
	or Notes:		
The	DCPSC is not an interstate agent.		
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:		
The	DCPSC is not an interstate agent.		
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	or Notes:		
	DCPSC is not an interstate agent.		
8	General Comments:	Info Onlylı	nfo Only
	Info Only = No Points	·	·
Evaluato	or Notes:		
The	DCPSC is not an interstate agent		





PAR	Γ I - 60106 Agreement State (If Applicable)	oints(MAX)	Score
1	Did the state use the current federal inspection form(s)?	1	NA
Evaluato	Yes = 1 No = 0 Needs Improvement = .5 or Notes:		
	DCPSC does not have a 60106 agreement with PHMSA.		
2	Are results documented demonstrating inspection units were reviewed in accordance v state inspection plan? Yes = 1 No = 0 Needs Improvement = .5	vith 1	NA
Evaluato	or Notes:		
The	DCPSC does not have a 60106 agreement with PHMSA.		
3	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	1	NA
Evaluato	or Notes:		
The	DCPSC does not have a 60106 agreement with PHMSA.		
4	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
	or Notes:		
The	DCPSC does not have a 60106 agreement with PHMSA.		
5	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:		
The	DCPSC does not have a 60106 agreement with PHMSA.		
6	Did the state initially submit adequate documentation to support compliance action by PHMSA on probable violations? Yes = 1 No = 0 Needs Improvement = .5	1	NA
Evaluato	or Notes:		
The	DCPSC does not have a 60106 agreement with PHMSA.		
7	Consul Comments	Info Onlyli	nfo Only
,	General Comments:	iiio Oiliyii	no Only
Evaluato	Info Only = No Points or Notes:		
	DCPSC does not have a 60106 agreement with PHMSA.		



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