



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

1200 New Jersey Avenue SE
Washington DC 20590

2011 Natural Gas State Program Evaluation

for

VERMONT DEPARTMENT OF PUBLIC SERVICE

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)



2011 Natural Gas State Program Evaluation -- CY 2011
Natural Gas

State Agency: Vermont

Agency Status:

Date of Visit: 08/29/2012 - 09/01/2012

Agency Representative: G.C. Morris, Acting Director of Engineering Services & Chief Engineer

PHMSA Representative: Jim Anderson, PHP50 State Evaluator

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

Name/Title: Honorable Elizabeth H. Miller, Commissioner

Agency: Vermont Department of Public Service

Address: 112 State Street

City/State/Zip: Montpelier, Vermont 05620-2601

Rating:

60105(a): Yes **60106(a):** No **Interstate Agent:** No

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 2011 (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 than the maximum points, include a brief explanation in the space provided for general comments/regional observations. If a question is not applicable to a state, select NA. Please ensure all responses are COMPLETE and ACCURATE, and OBJECTIVELY reflect state program performance. Increasing emphasis is being placed on performance. This evaluation together with selected factors reported in the state's annual progress report attachments provide the basis for determining the state's pipeline safety grant allocation.

Field Inspection (PART G):

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

Scoring Summary

PARTS

Possible Points Points Scored

A Progress Report and Program Documentation Review
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)

9
15
40
14
2
8
11
0
0

6.5
15
38
11
2
8
11
0
0

TOTALS

99 91.5

State Rating

92.4

PART A - Progress Report and Program Documentation Review

Points(MAX) Score

- | | | | |
|---|---|---|-----|
| 1 | Accuracy of Jurisdictional Authority and Operator/Inspection Units Data - Progress Report Attachment 1 (A1a)
Yes = 1 No = 0 Needs Improvement = .5 | 1 | 0.5 |
|---|---|---|-----|

Evaluator Notes:

Attachment 1 was not completed accurately. It did showed no intrastate transmission units inspected, but Attachment 2 showed 9 intrastate transmission inspection days.

- | | | | |
|---|--|---|---|
| 2 | Review of Inspection Days for accuracy - Progress Report Attachment 2 (A1b)
Yes = 1 No = 0 Needs Improvement = .5 | 1 | 1 |
|---|--|---|---|

Evaluator Notes:

Yes. Implementing inspection spread sheet and will have it completed by the end of 2012.

- | | | | |
|---|--|---|---|
| 3 | Accuracy verification of Operators and Operators Inspection Units in State - Progress Report Attachment 3 (A1c)
Yes = 1 No = 0 Needs Improvement = .5 | 1 | 1 |
|---|--|---|---|

Evaluator Notes:

yes. Only one privately owned gas operator and 20 LP operators.

- | | | | |
|---|--|---|----|
| 4 | Were all federally reportable incident reports listed and information correct? - Progress Report Attachment 4 (A1d)
Yes = 1 No = 0 Needs Improvement = .5 | 1 | NA |
|---|--|---|----|

Evaluator Notes:

No incidents in 2011.

- | | | | |
|---|--|---|---|
| 5 | Accuracy verification of Compliance Activities - Progress Report Attachment 5 (A1e)
Yes = 1 No = 0 Needs Improvement = .5 | 1 | 0 |
|---|--|---|---|

Evaluator Notes:

Carry over probably violations from 2010 was not correct and could not find the 5 compliance actions listed on the 2011 Progress Report.

- | | | | |
|---|---|---|---|
| 6 | Were pipeline program files well-organized and accessible? - Progress Report Attachment 6 (A1f, A4)
Yes = 2 No = 0 Needs Improvement = 1 | 2 | 1 |
|---|---|---|---|

Evaluator Notes:

No. Part of inspection reports were on the inspectors laptop and part of the inspections were on hard copy in the file cabinet.

- | | | | |
|---|--|---|---|
| 7 | Was employee listing and completed training accurate and complete? - Progress Report Attachment 7 (A1g)
Yes = 1 No = 0 Needs Improvement = .5 | 1 | 1 |
|---|--|---|---|

Evaluator Notes:

Yes. Only one inspector for state program.

- | | | | |
|---|---|---|---|
| 8 | Verification of Part 192,193,198,199 Rules and Amendments - Progress Report Attachment 8 (A1h)
Yes = 1 No = 0 Needs Improvement = .5 | 1 | 1 |
|---|---|---|---|

Evaluator Notes:

Yes. VT DPS has automatic adoption of federal regulations.

- 9 List of Planned Performance - Did state describe accomplishments on Progress Report in detail - Progress Report Attachment 10 (H1-3) 1 1
Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

Yes.

10 General Comments:

Info OnlyInfo Only

Info Only = No Points

Evaluator Notes:

VT DPS pipeline safety program needs help in getting organized to meet PHMSA requirements.

Total points scored for this section: 6.5
Total possible points for this section: 9



PART B - Program Inspection Procedures

Points(MAX) Score

1 Standard Inspections (B1a)

2

2

Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

Yes. In Section 4(b) of the inspection procedures.

2 IMP Inspections (including DIMP) (B1b)

1

1

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

Yes. In Section 4(b) of the inspection procedures.

3 OQ Inspections (B1c)

1

1

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

Yes. In Section 4(b) of the inspection procedures.

4 Damage Prevention Inspections (B1d)

1

1

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

Inspected during standard inspection while using the federal inspection form.

5 On-Site Operator Training (B1e)

1

1

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

Yes. In Section 4(b) of the inspection procedures.

6 Construction Inspections (B1f)

1

1

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

Yes. In Section 4(b) of the inspection procedures.

7 Incident/Accident Investigations (B1g)

2

2

Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

Yes. In Section 4(b) of the inspection procedures.

8 Does inspection plan address inspection priorities of each operator, and if necessary each unit, based on the following elements? (B2a-d, G1,2,4)

6

6

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

a. Length of time since last inspection

Yes ☒ No ☐ Needs Improvement ☐

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

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, Geographic areas, Population Density, etc)

Yes ☒ No ☐ Needs Improvement ☐

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 ☐

Evaluator Notes:
Yes.

9 General Comments:
Info Only = No Points

Info OnlyInfo Only

Evaluator Notes:

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



PART C - Program Performance

Points(MAX) Score

- 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 (A12) 5 5
Yes = 5 No = 0

A. Total Inspection Person Days (Attachment 2):
89.00

B. Total Inspection Person Days Charged to the Program (220 X Inspection Person Years) (Attachment 7):
220 X 1.00 = 220.00

Ratio: A / B
89.00 / 220.00 = 0.40

If Ratio \geq 0.38 Then Points = 5, If Ratio $<$ 0.38 Then Points = 0
Points = 5

Evaluator Notes:

Ratio is .4 which is greater than the needed .38 ratio.

- 2 Has each inspector and program manager fulfilled the T Q Training Requirements? (See Guidelines for requirements) Chapter 4.4 (A8-A11, G19) 5 5
Yes = 5 No = 0 Needs Improvement = 1-4

- | | | | | |
|----|--|--------------------------------------|--------------------------|---|
| a. | Completion of Required OQ Training before conducting inspection as lead? | Yes <input checked="" type="radio"/> | No <input type="radio"/> | Needs Improvement <input type="radio"/> |
| b. | Completion of Required DIMP*/IMP Training before conducting inspection as lead? *Effective Evaluation CY2013 | Yes <input checked="" type="radio"/> | No <input type="radio"/> | Needs Improvement <input type="radio"/> |
| c. | Root Cause Training by at least one inspector/program manager | Yes <input checked="" type="radio"/> | No <input type="radio"/> | Needs Improvement <input type="radio"/> |
| d. | Note any outside training completed | Yes <input checked="" type="radio"/> | No <input type="radio"/> | Needs Improvement <input type="radio"/> |

Evaluator Notes:

Yes. Completed Root Cause Analysis as soon as possible - 3/2012.

- 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 (A5) 2 2
Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

G.C. is the newly appointed program manager but has been in the program about 10 years. Knowledgeable on pipeline safety program and regulations. Requested a new program manager orientation.

- 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 (A6-7) 2 1
Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

Responded within the 60 day time required but not all deficiencies corrected. The probable violation issues were not corrected.

- 5 Did State hold PHMSA TQ Seminar in Past 3 Years? Chapter 8.5 (A3) 2 2
Yes = 2 No = 0

Evaluator Notes:

Yes. Part of the 5 northeast region states annual seminar. last held in 10/2011.

- 6 Did state inspect all types of operators and inspection units in accordance with time intervals established in written procedures? Chapter 5.1 (B3) 5 5
Yes = 5 No = 0 Needs Improvement = 1-4

Evaluator Notes:

Yes. There are only 2 types of operators and they are scheduled for inspection on 5 year intervals.

- | | | | |
|---|---|---|---|
| 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 (B4-5)
Yes = 2 No = 0 Needs Improvement = 1 | 2 | 2 |
|---|---|---|---|

Evaluator Notes:

Yes. VT DPS used the federal form.

-
- | | | | |
|---|--|---|----|
| 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 (B7)
Yes = 1 No = 0 | 1 | NA |
|---|--|---|----|

Evaluator Notes:

No cast iron in the state.

-
- | | | | |
|---|---|---|----|
| 9 | Did the state review operator procedures for surveillance of cast iron pipelines, including appropriate action resulting from tracking circumferential cracking failures, study of leakage history, or other unusual operating maintenance condition? (Note: See GPTC Appendix G-18 for guidance) (NTSB) Chapter 5.1 (B8)
Yes = 1 No = 0 | 1 | NA |
|---|---|---|----|

Evaluator Notes:

No cast iron in state.

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- | | | | |
|----|--|---|---|
| 10 | Did the state review operator emergency response procedures for leaks caused by excavation damage near buildings and determine whether the procedures adequately address the possibility of multiple leaks and underground migration of gas into nearby buildings Refer to 4/12/01 letter from PHMSA in response to NTSB recommendation P-00-20 and P-00-21? (NTSB) Chapter 5.1 (B9)
Yes = 1 No = 0 | 1 | 1 |
|----|--|---|---|

Evaluator Notes:

Yes. VT DPS uses the federal for and the question is listed on the federal form.

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- | | | | |
|----|---|---|----|
| 11 | Did the state review operator records of previous accidents and failures including reported third party damage and leak response to ensure appropriate operator response as required by 192.617? Chapter 5.1 (B10,E5)
Yes = 1 No = 0 | 1 | NA |
|----|---|---|----|

Evaluator Notes:

No incidents in 2011.

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- | | | | |
|----|---|---|---|
| 12 | Has the state reviewed Operator Annual reports, along with Incident/Accident reports, for accuracy and analyzed data for trends and operator issues? Data Initiative (G6-9,G16)
Yes = 2 No = 0 Needs Improvement = 1 | 2 | 2 |
|----|---|---|---|

Evaluator Notes:

Yes. Reviewed program manager information.

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- | | | | |
|----|--|---|---|
| 13 | Did state input all applicable OQ, IMP inspection results into federal database in a timely manner? This includes replies to Operator notifications into IMDB database. Chapter 5.1 (G10-12)
Yes = 2 No = 0 Needs Improvement = 1 | 2 | 1 |
|----|--|---|---|

Evaluator Notes:

Conducted IMP inspection but did not load results into database.

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- | | | | |
|----|---|---|---|
| 14 | Has state confirmed intrastate transmission operators have submitted information into NPMS database along with changes made after original submission? (G14)
Yes = 1 No = 0 Needs Improvement = .5 | 1 | 1 |
|----|---|---|---|

Evaluator Notes:

Yes. Vermont Gas Systems is part of the NPMS.

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- | | | | |
|-----------|--|---|---|
| 15 | 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 (I1-3)
Yes = 2 No = 0 Needs Improvement = 1 | 2 | 2 |
|-----------|--|---|---|

Evaluator Notes:

Conducted in 2010 and on a 5 year inspection time frame.

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- | | | | |
|-----------|--|---|---|
| 16 | 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 (I4-7)
Yes = 2 No = 0 Needs Improvement = 1 | 2 | 2 |
|-----------|--|---|---|

Evaluator Notes:

Yes. Questioned operator during field inspection.

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- | | | | |
|-----------|--|---|---|
| 17 | 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 O (I8-12)
Yes = 2 No = 0 Needs Improvement = 1 | 2 | 2 |
|-----------|--|---|---|

Evaluator Notes:

Yes. July 18, 2012.

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- | | | | |
|-----------|---|-----------|-----------|
| 18 | 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
Info Only = No Points | Info Only | Info Only |
|-----------|---|-----------|-----------|

Evaluator Notes:

Sent notice of DIMP rule and asked for operators DIMP plan.

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- | | | | |
|-----------|---|---|---|
| 19 | 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. 49 CFR 192.616 (I13-16)
Yes = 2 No = 0 Needs Improvement = 1 | 2 | 2 |
|-----------|---|---|---|

Evaluator Notes:

Yes. During public awareness evaluation VT DPS found VGS had not contacted all persons in their service area, only customers. VGS went back and sent awareness information to others along their pipeline.

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- | | | | |
|-----------|---|---|---|
| 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). (G20-21)
Yes = 1 No = 0 Needs Improvement = .5 | 1 | 1 |
|-----------|---|---|---|

Evaluator Notes:

Yes. VT DPS conducts mailings and works closely with the NE Propane Gas Association and VT Fuel Dealers Association.

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- | | | | |
|-----------|--|---|----|
| 21 | Did state execute appropriate follow-up actions to Safety Related Condition (SRC) Reports? Chapter 6.3 (B6)
Yes = 1 No = 0 Needs Improvement = .5 | 1 | NA |
|-----------|--|---|----|

Evaluator Notes:

No SRC in 2011.

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|----|---|---|---|
| 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? (G13)
Yes = 1 No = 0 Needs Improvement = .5 | 1 | 1 |
|----|---|---|---|

Evaluator Notes:

Yes. VGS found 2 locaations of stress cracking after VT DPS requested VGS conduct survey after the safety advisory.

- | | | | |
|----|--|---|---|
| 23 | Did the state participate in/respond to surveys or information requests from NAPSR or PHMSA? (H4)
Yes = 1 No = 0 Needs Improvement = .5 | 1 | 1 |
|----|--|---|---|

Evaluator Notes:

Yes.

- | | | | |
|----|--|-----------|-----------|
| 24 | General Comments:
Info Only = No Points | Info Only | Info Only |
|----|--|-----------|-----------|

Evaluator Notes:

Total points scored for this section: 38
Total possible points for this section: 40



PART D - Compliance Activities

Points(MAX) Score

- 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 (B12-14, B16, B1h) 4 4

Yes = 4 No = 0 Needs Improvement = 1-3

- 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 ☐

Evaluator Notes:

Yes. Uses Vermont Public Service Board rules.

- 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 (B11,B18,B19) 4 2

Yes = 4 No = 0 Needs Improvement = 1-3

- a. Were compliance actions sent to company officer or manager/board member if municipal/government system? Yes ☐ No ☒ Needs Improvement ☐

Evaluator Notes:

Noncompliance issues were not sent to company officer.

- 3 Did the state issue compliance actions for all probable violations discovered? (B15) 2 1

Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

Probable violations were not issued, but they were notified to the operator.

- 4 Did compliance actions give reasonable due process to all parties? Including "show cause" hearing if necessary. (B17, B20) 2 2

Yes = 2 No = 0

Evaluator Notes:

Yes, by using VT PS board rules.

- 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) (B27) 2 2

Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

Yes. Program manager described the process as set forth in VSA 2816.

- 6 Can the State demonstrate it is using their enforcement fining authority for pipeline safety violations? (new question) Info Only Info Only

Info Only = No Points

Evaluator Notes:

Been years since last fine. Tried to issue one in 2010 but failed.

- 7 General Comments: Info Only Info Only

Info Only = No Points

Evaluator Notes:

Total points scored for this section: 11
Total possible points for this section: 14

PART E - Incident Investigations

Points(MAX) Score

- 1 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 (A2,D1-3) 2 2

Yes = 2 No = 0 Needs Improvement = 1

- 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 ☐

Evaluator Notes:

Yes.

- 2 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 (D4) 1 NA

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

No incidents in 2011.

- 3 Were all incidents investigated, thoroughly documented, and with conclusions and recommendations? (D5) 3 NA

Yes = 3 No = 0 Needs Improvement = 1-2

- 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 ☐

Evaluator Notes:

No incidents in 2011.

- 4 Did the state initiate compliance action for violations found during any incident/accident investigation? (D6) 1 NA

Yes = 1 No = 0

Evaluator Notes:

No incidents in 2011.

- 5 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 (D7) 1 NA

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

No incidents in 2011.

- 6 Does state share lessons learned from incidents/accidents? (sharing information, such as: at NAPS Region meetings, state seminars, etc) (G15) 1 NA

Yes = 1 No = 0

Evaluator Notes:

No incidents in 2011.

- 7 General Comments: Info Only Info Only
- Info Only = No Points

Evaluator Notes:

Total points scored for this section: 2
Total possible points for this section: 2



PART F - Damage Prevention

Points(MAX) Score

- | | | | |
|---|---|---|---|
| 1 | 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 (E1)
Yes = 2 No = 0 Needs Improvement = 1 | 2 | 2 |
|---|---|---|---|

Evaluator Notes:

Yes. VT DPS uses the federal form and this questions is on the federal form.

- | | | | |
|---|--|---|---|
| 2 | Did the state inspector check to assure the pipeline operator is following its written procedures pertaining to notification of excavation, marking, positive response and the availability and use of the one call system? (E2)
Yes = 2 No = 0 Needs Improvement = 1 | 2 | 2 |
|---|--|---|---|

Evaluator Notes:

Reviews operator damage prevention plan and works closely with VGS and Dig Safe.

- | | | | |
|---|---|---|---|
| 3 | 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.) (E3)
Yes = 2 No = 0 Needs Improvement = 1 | 2 | 2 |
|---|---|---|---|

Evaluator Notes:

Yes. Works closely with Dig Safe and MUST (Manage Underground Safety Training)

- | | | | |
|---|--|---|---|
| 4 | 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) (E4,G5)
Yes = 2 No = 0 Needs Improvement = 1 | 2 | 2 |
|---|--|---|---|

Evaluator Notes:

Data is collected and analysed by VT DPS staff member Al St. Peter.

- | | | | |
|---|--|-----------|-----------|
| 5 | General Comments:
Info Only = No Points | Info Only | Info Only |
|---|--|-----------|-----------|

Evaluator Notes:

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

PART G - Field Inspections

Points(MAX) Score

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

Name of Operator Inspected:

Vermont Gas Systems

Name of State Inspector(s) Observed:

G. C. Morris

Location of Inspection:

Colchester, VT and St. Michael's College

Date of Inspection:

August 31, 2012

Name of PHMSA Representative:

Jim Anderson

Evaluator Notes:

- 2 Was the operator or operator's representative notified and/or given the opportunity to be present during inspection? (F2) 1 1
Yes = 1 No = 0

Evaluator Notes:

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) (F3) 2 2
Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

yes. Had copy of federal inspection form.

- 4 Did the inspector thoroughly document results of the inspection? (F4) 2 2
Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

Yes. G.C. asked very good questions to operator personnel during the inspection.

- 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.) (F5) 1 1
Yes = 1 No = 0

Evaluator Notes:

Yes.

- 6 Did the inspector adequately review the following during the field portion of the state evaluation? (check all that apply on list) (F7) 2 2
Yes = 2 No = 0 Needs Improvement = 1

a. Procedures ☒

b. Records ☐

c. Field Activities ☒

d. Other (please comment) ☐

Evaluator Notes:

- 7 Did the inspector have adequate knowledge of the pipeline safety program and regulations? (Evaluator will document reasons if unacceptable) (F8) 2 2

Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

Yes.

- | | | | |
|---|--|---|---|
| 8 | Did the inspector conduct an exit interview? (If inspection is not totally complete the interview should be based on areas covered during time of field evaluation) (F9) | 1 | 1 |
| | Yes = 1 No = 0 | | |

Evaluator Notes:

Yes.

- | | | | |
|---|---|---|----|
| 9 | During the exit interview, did the inspector identify probable violations found during the inspections? (if applicable) (F10) | 1 | NA |
| | Yes = 1 No = 0 | | |

Evaluator Notes:

Nonw found.

- | | | | |
|----|---|-----------|-----------|
| 10 | General Comments: What did the inspector observe in the field? (Narrative description of field observations and how inspector performed) Best Practices to Share with Other States - (Field - could be from operator visited or state inspector practices) Other. | Info Only | Info Only |
|----|---|-----------|-----------|

Info Only = No Points

- | | | | |
|----|-----------------------------------|-------------------------------------|--|
| a. | Abandonment | <input type="checkbox"/> | |
| b. | Abnormal Operations | <input type="checkbox"/> | |
| c. | Break-Out Tanks | <input type="checkbox"/> | |
| d. | Compressor or Pump Stations | <input type="checkbox"/> | |
| e. | Change in Class Location | <input type="checkbox"/> | |
| f. | Casings | <input type="checkbox"/> | |
| g. | Cathodic Protection | <input type="checkbox"/> | |
| h. | Cast-iron Replacement | <input type="checkbox"/> | |
| i. | Damage Prevention | <input type="checkbox"/> | |
| j. | Deactivation | <input type="checkbox"/> | |
| k. | Emergency Procedures | <input type="checkbox"/> | |
| l. | Inspection of Right-of-Way | <input type="checkbox"/> | |
| m. | Line Markers | <input type="checkbox"/> | |
| n. | Liaison with Public Officials | <input type="checkbox"/> | |
| o. | Leak Surveys | <input type="checkbox"/> | |
| p. | MOP | <input type="checkbox"/> | |
| q. | MAOP | <input type="checkbox"/> | |
| r. | Moving Pipe | <input type="checkbox"/> | |
| s. | New Construction | <input checked="" type="checkbox"/> | |
| t. | Navigable Waterway Crossings | <input type="checkbox"/> | |
| u. | Odorization | <input type="checkbox"/> | |
| v. | Overpressure Safety Devices | <input type="checkbox"/> | |
| w. | Plastic Pipe Installation | <input checked="" type="checkbox"/> | |
| x. | Public Education | <input type="checkbox"/> | |
| y. | Purging | <input type="checkbox"/> | |
| z. | Prevention of Accidental Ignition | <input type="checkbox"/> | |
| A. | Repairs | <input type="checkbox"/> | |
| B. | Signs | <input type="checkbox"/> | |
| C. | Tapping | <input type="checkbox"/> | |
| D. | Valve Maintenance | <input type="checkbox"/> | |
| E. | Vault Maintenance | <input type="checkbox"/> | |
| F. | Welding | <input type="checkbox"/> | |

- 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



PART H - Interstate Agent State (If Applicable)**Points(MAX) Score**

- | | | | |
|----------|---|---|----|
| 1 | Did the state use the current federal inspection form(s)? (C1)
Yes = 1 No = 0 Needs Improvement = .5 | 1 | NA |
|----------|---|---|----|

Evaluator Notes:

- | | | | |
|----------|--|---|----|
| 2 | Are results documented demonstrating inspection units were reviewed in accordance with "PHMSA directed inspection plan"? (C2)
Yes = 1 No = 0 Needs Improvement = .5 | 1 | NA |
|----------|--|---|----|

Evaluator Notes:

- | | | | |
|----------|---|---|----|
| 3 | Did the state submit documentation of the inspections within 60 days as stated in its latest Interstate Agent Agreement form? (C3)
Yes = 1 No = 0 Needs Improvement = .5 | 1 | NA |
|----------|---|---|----|

Evaluator Notes:

- | | | | |
|----------|--|---|----|
| 4 | Were 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.) (C4)
Yes = 1 No = 0 Needs Improvement = .5 | 1 | NA |
|----------|--|---|----|

Evaluator Notes:

- | | | | |
|----------|--|---|----|
| 5 | Did the state immediately report to PHMSA conditions which may pose an imminent safety hazard to the public or to the environment? (C5)
Yes = 1 No = 0 Needs Improvement = .5 | 1 | NA |
|----------|--|---|----|

Evaluator Notes:

- | | | | |
|----------|---|---|----|
| 6 | Did the state give written notice to PHMSA within 60 days of all probable violations found? (C6)
Yes = 1 No = 0 Needs Improvement = .5 | 1 | NA |
|----------|---|---|----|

Evaluator Notes:

- | | | | |
|----------|--|---|----|
| 7 | Did the state initially submit documentation to support compliance action by PHMSA on probable violations? (C7)
Yes = 1 No = 0 Needs Improvement = .5 | 1 | NA |
|----------|--|---|----|

Evaluator Notes:

- | | | | |
|----------|--|-----------|-----------|
| 8 | General Comments:
Info Only = No Points | Info Only | Info Only |
|----------|--|-----------|-----------|

Evaluator Notes:

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

PART I - 60106 Agreement State (If Applicable)**Points(MAX) Score**

- | | | | |
|----------|--|---|----|
| 1 | Did the state use the current federal inspection form(s)? (B21)
Yes = 1 No = 0 Needs Improvement = .5 | 1 | NA |
|----------|--|---|----|

Evaluator Notes:

- | | | | |
|----------|--|---|----|
| 2 | Are results documented demonstrating inspection units were reviewed in accordance with state inspection plan? (B22)
Yes = 1 No = 0 Needs Improvement = .5 | 1 | NA |
|----------|--|---|----|

Evaluator Notes:

- | | | | |
|----------|---|---|----|
| 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.) (B23)
Yes = 1 No = 0 Needs Improvement = .5 | 1 | NA |
|----------|---|---|----|

Evaluator Notes:

- | | | | |
|----------|---|---|----|
| 4 | Did the state immediately report to PHMSA conditions which may pose an imminent safety hazard to the public or to the environment? (B24)
Yes = 1 No = 0 Needs Improvement = .5 | 1 | NA |
|----------|---|---|----|

Evaluator Notes:

- | | | | |
|----------|--|---|----|
| 5 | Did the state give written notice to PHMSA within 60 days of all probable violations found? (B25)
Yes = 1 No = 0 Needs Improvement = .5 | 1 | NA |
|----------|--|---|----|

Evaluator Notes:

- | | | | |
|----------|--|---|----|
| 6 | Did the state initially submit adequate documentation to support compliance action by PHMSA on probable violations? (B26)
Yes = 1 No = 0 Needs Improvement = .5 | 1 | NA |
|----------|--|---|----|

Evaluator Notes:

- | | | | |
|----------|--|-----------|-----------|
| 7 | General Comments:
Info Only = No Points | Info Only | Info Only |
|----------|--|-----------|-----------|

Evaluator Notes:

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