



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

1200 New Jersey Avenue SE
Washington DC 20590

2014 Gas State Program Evaluation

for

Utah Division 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)



2014 Gas State Program Evaluation -- CY 2014

Gas

State Agency: Utah

Agency Status:

Date of Visit:

Agency Representative:

PHMSA Representative:

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

Name/Title:

Agency:

Address:

City/State/Zip:

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 2014 (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)

10 9.5
13 13
44 44
15 15
10 10
8 8
12 12
0 0
0 0

TOTALS

112 111.5

State Rating

99.6

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
Yes = 1 No = 0 Needs Improvement = .5 | 1 | 1 |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------|---|---|

Evaluator Notes:

One more master meter operator was discovered in 2014, bring the total up to 71.

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

Evaluator Notes:

Review of the program managers documentation found that the inspection days numbers listed were accurate.

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

The operators listed in the progress report match those kept by the program in their procedures manual, and closely match those found in the PHMSA pipeline data mart.

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| 4 | Were all federally reportable incident reports listed and information correct? - Progress Report Attachment 4
Yes = 1 No = 0 Needs Improvement = .5 | 1 | 1 |
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Evaluator Notes:

Yes, there were three reported in 2014.

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

Compliance actions were reported incorrectly. (Compliance activities were taken and not listed in progress report)

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

Evaluator Notes:

Yes, the program files both electronic and paper copies were very well organized.

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

Evaluator Notes:

Yes, the state also lists out what courses are necessary to take on an annual basis so all courses are completed within three years.

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

All rules up to date and the amendments for 2013 will be taken care of during the 2015 session of the state legislature. The level of civil penalties was raised to \$1000,000.00 and \$1,000,000.00.

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

Evaluator Notes:

Discussed with program manager and provided him a copy of the DPAP.

10 General Comments:

Info OnlyInfo Only

Info Only = No Points

Evaluator Notes:

Total points scored for this section: 9.5
Total possible points for this section: 10



PART B - Program Inspection Procedures

Points(MAX) Score

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

Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

The state updated their procedures after the 2015 NAPSRS Western Region Meeting in April to cover the requirements for Pre-inspection activities, inspection activities and post-inspection activities. Page 13 of State procedures.

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

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

The state updated their procedures after the 2015 NAPSRS Western Region Meeting in April to cover the requirements for Pre-inspection activities, inspection activities and post-inspection activities. Page 14 of State procedures.

- | | | | |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| 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:

The state updated their procedures after the 2015 NAPSRS Western Region Meeting in April to cover the requirements for Pre-inspection activities, inspection activities and post-inspection activities. Page 14 of State procedures.

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

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

The state updated their procedures after the 2015 NAPSRS Western Region Meeting in April to cover the requirements for Pre-inspection activities, inspection activities and post-inspection activities. Page 14 of State procedures.

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|---|--------------------------------------------------------------------------------------------|---|---|
| 5 | Any operator training conducted should be outlined and appropriately documented as needed. | 1 | 1 |
|---|--------------------------------------------------------------------------------------------|---|---|

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

Page 29 of State procedures.

- | | | | |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| 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. | 1 | 1 |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

The state updated their procedures after the 2015 NAPSRS Western Region Meeting in April to cover the requirements for Pre-inspection activities, inspection activities and post-inspection activities. Page 14 of State procedures.

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

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

- | | | | | |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------------------------|-----------------------------------------|
| a. | Length of time since last inspection (Within five year interval) | Yes <input checked="" type="radio"/> | No <input type="radio"/> | Needs Improvement <input type="radio"/> |
| b. | Operating history of operator/unit and/or location (includes leakage, incident and compliance activities) | Yes <input checked="" type="radio"/> | No <input type="radio"/> | Needs Improvement <input type="radio"/> |
| c. | Type of activity being undertaken by operators (i.e. construction) | Yes <input checked="" type="radio"/> | No <input type="radio"/> | Needs Improvement <input type="radio"/> |
| d. | Locations of operators inspection units being inspected - (HCA's, Geographic areas, Population Density, etc) | Yes <input checked="" type="radio"/> | No <input type="radio"/> | Needs Improvement <input type="radio"/> |
| 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 <input checked="" type="radio"/> | No <input type="radio"/> | Needs Improvement <input type="radio"/> |
| f. | Are inspection units broken down appropriately? | Yes <input checked="" type="radio"/> | No <input type="radio"/> | Needs Improvement <input type="radio"/> |

Evaluator Notes:

Yes, it is found on page 13 of their procedures. They will add language to enhance the portion on identifying high risk inspection units. Salt Lake city inspection unit was broken down into smaller units and Quest Star now has a total of 9 inspection units.

8 General Comments:

Info Only = No Points

Info Only Info Only

Evaluator Notes:

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



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 5 5
Yes = 5 No = 0

A. Total Inspection Person Days (Attachment 2):
257.00

B. Total Inspection Person Days Charged to the Program (220 X Inspection Person Years) (Attachment 7):
220 X 1.87 = 412.50

Ratio: A / B
257.00 / 412.50 = 0.62

If Ratio >= 0.38 Then Points = 5, If Ratio < 0.38 Then Points = 0
Points = 5

Evaluator Notes:

All points received with a .62 ratio.

- 2 Has each inspector and program manager fulfilled the T Q Training Requirements? (See Guidelines Appendix C for requirements) Chapter 4.4 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"/> |
| e. | Verify inspector has obtained minimum qualifications to lead any applicable standard inspection as the lead inspector. | Yes <input checked="" type="radio"/> | No <input type="radio"/> | Needs Improvement <input type="radio"/> |

Evaluator Notes:

AI has 1 course for IMP to finish, and one of his inspectors has 3 more to finish for IMP. The newest inspector is on track to complete training within three years.

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

Evaluator Notes:

Yes, AI is very knowledgeable about the program, with over 20 years experience..

- 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
Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

Yes, state sent response back on August 19, 2014.

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

Evaluator Notes:

Yes, the state hosted a seminar in 2013 and has one scheduled for 2016.

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

Evaluator Notes:

Yes, the state is inspecting all types of operators in accordance with their procedures.

7	Did inspection form(s) cover all applicable code requirements addressed on Federal Inspection form(s)? Did State complete all applicable portions of inspection forms? Chapter 5.1 Yes = 2 No = 0 Needs Improvement = 1	2	2
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Evaluator Notes:

Yes, they use federal forms and have added additional pages to cover questions not printed on the fed forms.

8	Did the state review operator procedures for determining if exposed cast iron pipe was examined for evidence of graphitization and if necessary remedial action was taken? (NTSB) Chapter 5.1 Yes = 1 No = 0	1	NA
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Evaluator Notes:

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

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

Yes, this is reviewed by the inspector during each O&M inspection.

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 Yes = 1 No = 0	1	1
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Evaluator Notes:

Yes, the state requires the operators to submit quarterly damage reports and they are then discussed in detail in meetings held with the operator.

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	2	2
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Evaluator Notes:

Yes, they are reviewed and discussed with the operators at meetings arranged by the state.

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 Yes = 2 No = 0 Needs Improvement = 1	2	2
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Evaluator Notes:

Yes

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|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| 14 | 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 |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|

Evaluator Notes:

Yes, the state has added a question to the inspection form to be reviewed with the operator during standard inspections.

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

Evaluator Notes:

Yes, these types of inspections are done on a rotating basis.

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- | | | | |
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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
Yes = 2 No = 0 Needs Improvement = 1 | 2 | 2 |
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Evaluator Notes:

Yes, but none were done in 2014.

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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 0
Yes = 2 No = 0 Needs Improvement = 1 | 2 | 2 |
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Evaluator Notes:

Yes, but none were conducted in 2014.

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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 DIMP ? First round of program inspections should be complete by December 2014
Yes = 2 No = 0 Needs Improvement = 1 | 2 | 2 |
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Evaluator Notes:

Yes, the state did complete it's first round of DIMP inspections in 2014, and will review progress at their annual standard inspections.

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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) PAPEI Effectiveness Inspections should have been completed by December 2013
Yes = 2 No = 0 Needs Improvement = 1 | 2 | 2 |
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Evaluator Notes:

Yes, a complete PA inspection was completed on the city of Nephi in 2014.

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

Evaluator Notes:

Yes, they have a good web site and staff works with the Utah Pipeline Awareness Association and Blue Stakes damage prevention group to provide presentations all across the state.

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

Evaluator Notes:

Yes, for the one SRC reported they tracked and verified repair over a five month basis.

- 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? 1 1
Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

Yes, this question has been added to their inspection form.

- 23** Did the state participate in/respond to surveys or information requests from NAPSRS or PHMSA? 1 1
Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

Yes, the program manager has responded to NAPSRS surveys and requests for information.

- 24** 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.(New Question for CY2013, no points until CY2015 evaluation conducted in CY2016) 0 0
Info Only = No Points

Evaluator Notes:

None in 2014

- 25** Did the state attend the National NAPSRS Board of Directors Meeting in CY being evaluated? (New Question for CY2014, no points first year) 0 0
Info Only = No Points

Evaluator Notes:

No, the state did not attend the NAPSRS National Meeting in 2014.

- 26** Discussion on State Program Performance Metrics found on Stakeholder Communication site. (question will be rolled up and included as part of Question C12 on future evaluations) <http://primis.phmsa.dot.gov/comm/states.htm> 0 0
Info Only = No Points

Evaluator Notes:

Discussed this with program manager

- 27** General Comments: Info Only Info Only
Info Only = No Points

Evaluator Notes:

Total points scored for this section: 44
Total possible points for this section: 44

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
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, the procedures on pages 21-23 of the states manual cover this subject.

- 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
- a. Were compliance actions sent to company officer or manager/board member if municipal/government system? Yes ☒ No ☐ Needs Improvement ☐
- b. Were probable violations documented? Yes ☒ No ☐ Needs Improvement ☐
- c. Were probable violations resolved? Yes ☒ No ☐ Needs Improvement ☐
- d. Was the progress of probable violations routinely reviewed? Yes ☒ No ☐ Needs Improvement ☐

Evaluator Notes:

Yes, the administrative assistant keeps all documentation of probable violations and provides the program manager with a daily report to review.

- 3 Did the state issue compliance actions for all probable violations discovered? 2 2
Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

Yes, the review of records showed 39 compliance actions taken in 2014.

- 4 Did compliance actions give reasonable due process to all parties? Including "show cause" hearing if necessary. 2 2
Yes = 2 No = 0

Evaluator Notes:

Yes, this is part of their written procedures found on pages 21-23 in the states manual.

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

Evaluator Notes:

Yes, the program manager is familiar with the imposing of civil penalties and has used them in the past when there is a failure to correct violations or repeat offenses.

- 6 Can the State demonstrate it is using their enforcement fining authority for pipeline safety violations? 1 1
Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

Yes, the state used their authority in the past, (2013 - most recent).

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

Evaluator Notes:

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



PART E - Incident Investigations

Points(MAX) Score

- 1 Does the state have written procedures to address state actions in the event of an incident/accident? 2 2

Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

Yes, the state covers this in their procedures 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 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, the state covers this in their procedures manual in Appendix 4, pages 49-53.

- 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 1 1

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

The state went on-site for all 3 federally reportable incidents in 2014. They have a process and procedures for incident response in the procedures manual.

- 4 Were all incidents investigated, thoroughly documented, and with conclusions and recommendations? 3 3

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:

Yes, all incidents investigated were well documented and findings and conclusions made.

- 5 Did the state initiate compliance action for violations found during any incident/accident investigation? 1 NA

Yes = 1 No = 0

Evaluator Notes:

- 6 Did the state assist region office by taking appropriate follow-up actions related to the operator incident reports to ensure accuracy and final report has been received by PHMSA? (validate report data from operators concerning incidents/accidents and investigate discrepancies) Chapter 6 1 1

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

Yes, the state has a process in their procedures manual for coordination with the PHMSA Western Region emergency system, and correspond with Peter Katchmer of the WR.

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

Yes = 1 No = 0

Evaluator Notes:

Yes, Utah shares its experiences and findings incidents at the NAPS Western Region meetings in their state of the state reports.

8 General Comments:

Info Only = No Points

Info OnlyInfo Only

Evaluator Notes:

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



PART F - Damage Prevention

Points(MAX) Score

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

Evaluator Notes:

Yes, they have added questions to the front of their inspection forms to cover this issue.

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| 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?
Yes = 2 No = 0 Needs Improvement = 1 | 2 | 2 |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|

Evaluator Notes:

Yes, they have added questions to the front of their inspection forms to cover this issue.

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

Evaluator Notes:

Yes, the state participates with Blue Stakes and other stakeholders to provide presentations and training in all areas of the state.

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

Evaluator Notes:

Yes, the state collects and analysis data provided by the operators and the one call center and holds quarterly meetings with the operators to discuss their findings.

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|---|--------------------------------------------|-----------|-----------|
| 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:

QuestStar

Name of State Inspector(s) Observed:

Jimmy Betham, Chien Hwang and Al Zadeh

Location of Inspection:

200 S. Salt Lake City and City of Lehi

Date of Inspection:

5/20/2015

Name of PHMSA Representative:

Michael Thompson

Evaluator Notes:

Observed the tie-in of a 16 inch steel pipeline replacement project in Salt Lake City, and new construction of a 12 inch steel line and the coating of a weld in Lehi.

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

Evaluator Notes:

Yes, Justin Withers, Director of Compliance for Quest Star was notified and on site 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) 2 2
Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

Yes, the federal form was used for the inspections.

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

Evaluator Notes:

Yes, all findings were documented in a job notebook created by the inspector for these inspections.

- 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.) 1 1
Yes = 1 No = 0

Evaluator Notes:

Yes, all equipment used by the operator was checked by Me Betham.

- 6 Did the inspector adequately review the following during the field portion of the state evaluation? (check all that apply on list) 2 2
Yes = 2 No = 0 Needs Improvement = 1
- | | |
|---------------------------|-------------------------------------|
| a. Procedures | <input checked="" type="checkbox"/> |
| b. Records | <input checked="" type="checkbox"/> |
| c. Field Activities | <input checked="" type="checkbox"/> |
| d. Other (please comment) | <input type="checkbox"/> |

Evaluator Notes:

Yes, Mr. Betham had created a notebook for the inspection that contained copies of the operators procedures and records, and he referred to it and them throughout the inspection. He also asked the operator to provide additional information when needed.

- | | | | |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| 7 | 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 | 2 | 2 |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|

Evaluator Notes:

Yes, Mr. Betham and Mr. Zadeh both have many years of experience and it showed in the questions asked of the operator while on site. Mr. Hwang has construction experience and is learning more about pipelines while with Jimmy and Al.

- | | | | |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| 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)
Yes = 1 No = 0 | 1 | 1 |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|

Evaluator Notes:

Yes, Mr. Betham conducted an exit interview at the end of the day with Mr. Withers and his on site supervisor.

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

Evaluator Notes:

Yes, Mr. Betham identified an issue observed at the tie-in on 200 S in Salt Lake City where the welder removed the line up clamp before 50 percent of the root pass had been completed as is required in their written procedures.

- | | | | |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|
| 10 | General Comments: 1) What did the inspector observe in the field? (Narrative 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 | Info Only | Info Only |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|

- | | | |
|----|-----------------------------------|-------------------------------------|
| 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 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 checked="" type="checkbox"/> |
| G. | OQ - Operator Qualification | <input checked="" type="checkbox"/> |
| H. | Compliance Follow-up | <input type="checkbox"/> |
| I. | Atmospheric Corrosion | <input type="checkbox"/> |
| J. | Other | <input type="checkbox"/> |

Evaluator Notes:

2 - Construction Projects.

First was 16 inch steel (Loop) distribution replacement project that is on a tracker with the Commission. Observed a tie-in (welding) Reviewed procedures and collected information from the materials and welders. Verified OQ qualifications.

Second was a 12 inch steel (HP) reroute in Lehi. Witnessed the lowering of pipe in open trench with shoring in place using two booms. Also observed the coating of a completed weld. It was done with a two part epoxy resin. Observed sand blasting, heating and placement of coating.

Exit interview conducted at the Lehi site.

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



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

- | | | | |
|----------|----------------------------------------------------------------------------------------------------|---|----|
| 1 | Did the state use the current federal inspection form(s)?
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"?
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?
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.)
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?
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?
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?
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)?
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?
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.)
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?
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?
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?
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