

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

# 2012 Natural Gas State Program Evaluation

for

Louisiana Department of Natural Resources

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)



## 2012 Natural Gas State Program Evaluation -- CY 2012 Natural Gas

State Agency: Louisiana		Rating:		
Agency Status:		60105(a): Yes	<b>60106(a):</b> No	Interstate Agent: No
Date of Visit: 03/11/2013	- 04/19/2013			
Agency Representative:	James Mergist, Asst Director Pip	beline Division		
PHMSA Representative	Patrick Gaume			
Commission Chairman	o whom follow up letter is to be	sent:		
Name/Title:	James H. Welsh, Commissioner			
Agency:	Louisiana Department of Natura	l Resources-Offi	ice of Conservat	ion
Address:	617 North Third St., 11th floor			
City/State/Zip:	Baton Rouge, Louisiana 70802			

### **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 2012 (not the status of performance at the time of the evaluation). All items for which criteria have not been established should be answered based on the PHMSA representative's judgment. A deficiency in any one part of a multiple part question should be scored as needs improvement. Determine the answer to the question then select the appropriate point value. If a state receives less then the maximum points, include a brief explanation in the space provided for general comments/regional observations. If a question is not applicable to a state, select NA. Please ensure all responses are COMPLETE and ACCURATE, and OBJECTIVELY reflect state program performance. Increasing emphasis is being placed on performance. This evaluation together with selected factors reported in the state's annual progress report attachments provide the basis for determining the state's pipeline safety grant allocation.

### Field Inspection (PART G):

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

#### **Scoring Summary**

PARTS	6	<b>Possible Points</b>	<b>Points Scored</b>
А	Progress Report and Program Documentation Review	10	10
В	Program Inspection Procedures	15	15
С	Program Performance	46	45
D	Compliance Activities	15	15
Е	Incident Investigations	9	9
F	Damage Prevention	8	8
G	Field Inspections	12	12
Н	Interstate Agent State (If Applicable)	0	0
Ι	60106 Agreement State (If Applicable)	0	0
TOTA	LS	115	114
State F	Rating		. 99.1

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	s 1	1
Evaluator	Notes:		
A1. 1	Yes. Jurisdictional authority is correctly reported		
2	Review of Inspection Days for accuracy - Progress Report Attachment 2 (A1b) Yes = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$	1	1
Evaluator			
A2.	YES. 1020 man-days. The report matches internal source spreadsheets		
3	Accuracy verification of Operators and Operators Inspection Units in State - Progree Report Attachment 3 (A1c) Yes = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$	ess 1	1
Evaluator			
A3. Y	YES. Attachment 3 is consistent with Attachment 1 and the internal spreadsheet.		
4	Were all federally reportable incident reports listed and information correct? - Progr Report Attachment 4 (A1d) Yes = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$	ress 1	1
Evaluator			
A4. Y	YES. The four incidents (3 significant) are verified		
5	Accuracy verification of Compliance Activities - Progress Report Attachment 5 (Al Yes = 1 No = 0 Needs Improvement = .5	e) 1	1
Evaluator			
A5. Y	YES. The report is consistent with the prior year and internal worksheets		
6	Were pipeline program files well-organized and accessible? - Progress Report Attachment 6 (A1f, A4) Yes = 2 No = 0 Needs Improvement = 1	2	2
infor	Notes: YES. The official files are still paper for most things, but all inspections of the last 4 mation is printed out and placed in the citation file. Citations and historical files will he electronic database at a future date when the electronic files become the official fi	need to be scann	
7	Was employee listing and completed training accurate and complete? - Progress Rep Attachment 7 (A1g) Yes = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$	port 1	1
Evaluator A7.	Notes:		
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			
A8.	Y es.		

Evaluator Notes:

9

A9. YES. In 2012 LDNR is active on five NAPSR Committees. LDNR continues to provide associate staff to TQ. LDNR enforces current Federal Regulations and provides technical information to the LA Legislature to make changes as needed in State Laws. LDNR has helped create and works closely with the LA Common Ground Alliance and has established a working relationship with the State Police to encourage the use and enforcement of excavation damage violations.

Yes; Risk Reduction: The Pipeline Division works closely with the State Police and LA One Call to improve compliance with the one call law and enforcement efforts as well as with the LA Regional CGA to enhance the one call law. In addition, the Pipeline Division's goal of visiting 100% of operators with some type of inspection annually results in increased visibility throughout the state which enhances our public safety efforts. LDNR is involved in monitoring four Cast Iron replacement programs and one PVC replacement program.

**10** General Comments:

Info Only = No Points

Evaluator Notes:

A10. YES. In 2012 LDNR is active on five NAPSR Committees. LDNR continues to provide associate staff to TQ. LDNR enforces current Federal Regulations and provides technical information to the LA Legislature to make changes as needed in State Laws. LDNR has helped create and works closely with the LA Common Ground Alliance and has established a working relationship with the State Police to encourage the use and enforcement of excavation damage violations.

Yes; Risk Reduction: The Pipeline Division works closely with the State Police and LA One Call to improve compliance with the one call law and enforcement efforts as well as with the LA Regional CGA to enhance the one call law. In addition, the Pipeline Division's goal of visiting 100% of operators with some type of inspection annually results in increased visibility throughout the state which enhances our public safety efforts. LDNR is involved in monitoring four Cast Iron replacement programs and one PVC replacement program.

LDNR continues to be very active in NAPSR; by actively participating on five committees: Public Awareness, Grant Allocation & Strategic Planning, the Grant Allocation Staffing committees; the Gathering Line, and Control Room Management committees. They also support NAPSR and PHMSA requests for information.

LDNR actively participates in the quarterly Louisiana Regional Common ground alliance meetings. LDNR participates with and supports the efforts of Coastal And Marine Operators (CAMO) Pipeline Industry Initiative whose main purpose is to explore and discuss issues and challenges in preventing spills, releases, and damage to coastal and marine pipelines and environments. LDNR helps organize and co-sponsors the annual Pipeline Safety Seminars for Hazardous Liquid and Natural Gas operators. LDNR works closely with the State Police and LaOneCall to promote 811 and implement safe excavation practices.

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

Info OnlyInfo Only

1 Standard Inspections (B1a)	2	2
Yes = 2 No = 0 Needs Improvement = 1 Evaluator Notes: B1. Yes, all are addressed: Pipeline Safety Operations Manual, General Criteria Section, Se 12/31/2013 & DIMP by 12/31/14 & then every 5 calendar years thereafter; Part 2.1.2-Standar inspection cycle; Part 2.1.3-LIMP HQ re-inspections by end of 2014 & then every 5 calendar HQ re-inspections by end of 2015 & then every 5 calendar years thereafter; Part 2.1.5-D&A is then every 5 calendar years thereafter; Part 2.1.6- TIMP HQ re-inspections were completed in calendar years thereafter; Part 4.1-Constr- construction notice is required and inspection is 'as concentrate on major construction sites; Part 4.2-Operator Training-formal is per oper request informal is during any operator contact or inspection as requested; Part 4.5-Incident- as deter and generally includes all significant events; Part 4.6-Damage Prevention- is part of a Std insp inspections)? within a reasonable amount of time (normally about 90 days) after the expiration compliance.	d Inspections years thereaf re-inspection n 2012 and th needed' with ts, Seminars, mined by the p; Part 4.7-Fc	s on a 5 yr ter; Part 2.1.4-OQ s by end of 2014 & nen every 5 actual practice to & conferences, Program Manager ollow-up (re-
<ul> <li>IMP Inspections (including DIMP) (B1b) Yes = 1 No = 0 Needs Improvement = .5</li> <li>Evaluator Notes: B2. Yes, Pipeline Safety Operations Manual, General Criteria Section, Section 6: Part 2.1.1- by 12/31/14 &amp; then every 5 calendar years thereafter; Part 2.1.3-LIMP HQ re-inspections by calendar years thereafter; Part 2.1.6- TIMP HQ re-inspections were completed in 2012 and th thereafter.</li> </ul>	end of 2014	& then every 5
<ul> <li>3 OQ Inspections (B1c) Yes = 1 No = 0 Needs Improvement = .5</li> <li>Evaluator Notes: B3. Yes, Pipeline Safety Operations Manual, General Criteria Section, Section 6: Part 2.1.4-</li> </ul>	1 OQ HQ re-in	1 spections by end
of 2015 & then every 5 calendar years thereafter.		
4 Damage Prevention Inspections (B1d) Yes = 1 No = 0 Needs Improvement = .5	1	1
<ul> <li>Evaluator Notes:</li> <li>B4. Yes, Pipeline Safety Operations Manual, General Criteria Section, Section 6: Part 4.6-D Std insp.</li> </ul>	amage Preve	ntion- is part of a
5 On-Site Operator Training (B1e)	1	1

Evaluator Notes:

B5. Yes, Pipeline Safety Operations Manual, General Criteria Section, Section 6: Part 4.2-Operator Training-formal is per oper requests, Seminars, & conferences, informal is during any operator contact or inspection as requested.

6 Construction Inspections (B1f)

Yes = 1 No = 0 Needs Improvement = .5

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

B6. Yes, Pipeline Safety Operations Manual, General Criteria Section, Section 6: Part 4.1-Constr- construction notice is required and inspection is 'as needed' with actual practice to concentrate on major construction sites.

7 Incident/Accident Investigations (B1g)

Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

B7. Yes, Pipeline Safety Operations Manual, General Criteria Section, Section 6: Part 4.5-Incident- as determined by the Program Manager and generally includes all significant events.

1

2

1

8	unit,	s inspection plan address inspection priorities of each operator, and if necessary each based on the following elements? (B2a-d, G1,2,4) = 6 No = 0 Needs Improvement = 1-5	6		6
	a.	Length of time since last inspection	Yes 💽	No 🔿	Needs Improvement
	b. comp	Operating history of operator/unit and/or location (includes leakage, incident and liance activities)	Yes 🖲	No 🔿	Needs Improvement
	c.	Type of activity being undertaken by operators (i.e. construction)	Yes 🖲	No 🔿	Needs Improvement
	d. areas.	Locations of operators inspection units being inspected - (HCA's, Geographic , Population Density, etc)	Yes 🖲	No 🔿	Needs Improvement
		Process to identify high-risk inspection units that includes all threats - (Excavation age, Corrosion, Natural Forces, Outside Forces, Material and Welds, Equipment, ators and any Other Factors)	Yes 🖲	No 🔿	Needs Improvement
	f.	Are inspection units broken down appropriately?	Yes 💿	No 🔿	Needs Improvement
Evaluate	or Note	S.			improvement

B8. Yes, Pipeline Safety Operations Manual, General Criteria Section, Section 6: Part 2.0 & Part 3.2. Also the 'Gas Operator Prioritization Model' & 'Liquid Operator Prioritization Model' spreadsheets.

The Gas Operator & Liquid Operator prioritization risk model spreadsheets have been developed (originally from IMP) that are being adapted to all Operators. The model spreadsheets impact the areas of emphasis during the annual inspections. Elements include compliance issues, accidents, leaks, product transported, population density, MAOP as a % of SMYS, total miles of pipeline, corrosion control, & operator responsiveness.

Units are created by Operator, pipe location, Operator management unit, etc. The risking program has been in use since IMP.

**9** General Comments:

Info Only = No Points

Evaluator Notes:

LDNR is dedicated to being transparent, is making data easily available to the public, is committed to data evaluation for self-improvement, understands the emphasis on accident/incident investigations, and has scheduled its personnel for training beyond what is provided by PHMSA T&Q. LDNR's goal of achieving 100% Gas Unit inspections per year, either Std or special, was missed in 2012 (at 72%) due to the resignation of two employees in May 2012. These vacancies were filled in November 2012; however, one of the new employees was fired in April 2013. LDNR continues to actively support the Louisiana Common Ground Alliance. LDNR continues to make personnel available to support NAPSR and PHMSA initiatives.

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

Info OnlyInfo Only

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) Yes = $5 \text{ No} = 0$	5		5
	A. Total Inspection Person Days (Attachment 2): 1020.00			
	<ul> <li>B. Total Inspection Person Days Charged to the Program (220 X Inspection Person Years) (Attachment 7):</li> <li>220 X 9.63 = 2117.96</li> </ul>			
	Ratio: A / B 1020.00 / 2117.96 = 0.48			
	If Ratio $\geq 0.38$ Then Points = 5, If Ratio $< 0.38$ Then Points = 0 Points = 5			
Evaluato				
CI.	Yes.1020 AFO insp-days, 9.63 insp-yrs. 1020/(9.63*220)=0.481481>.38. okay			
2	Has each inspector and program manager fulfilled the T Q Training Requirements? (See Guidelines for requirements) Chapter 4.4 (A8-A11, G19) Yes = $5 \text{ No} = 0 \text{ Needs Improvement} = 1-4$	5		5
	a. Completion of Required OQ Training before conducting inspection as lead?	Yes 🖲	No 🔿	Needs Improvement
	b. Completion of Required DIMP*/IMP Training before conducting inspection as lead? *Effective Evaluation CY2013	Yes 🖲	No 🔿	Needs Improvement
	c. Root Cause Training by at least one inspector/program manager	Yes 💿	No 🔿	Needs Improvement
Evaluato	d. Note any outside training completed	Yes 🖲	No 🔿	Needs Improvement
For t fami Sta hr L joini C oper inspo N D	YES. for 2012 they are in compliance with the State Guidelines with the 3 yr attend & 5 y the 1 long term inspector needing 1 course; he attempted the course 2011, was re-scheduled ly illness, and is scheduled to take it again in April 2013. It training- Most inspectors attend the annual 195 Seminar & the 192 Seminar. In addition SU HAZWOPER REFRESHER COURSE. Some new hires are taking the La Gas Assn or ng, line locating, first aid, leak detection, fire safety, & regulators. Operator training ? Held the annual T&Q Pipeline Safety Seminar, Conducted and Co-spons ator seminar in October, 2012. There were also several individual operator training session ection. Ion-operator/public training? no activities in 2010, 2011, or 2012. Dana Arabie (TSI 299 11/03) & Jacques Rotolo (TSI 299 9/04) are the OQ Leads. Two other ervisors are OQ certified.	in 2012 a, several e day Se ored the s, usually	due to a staff atte minars o annual su associat	serious ended the 8 n pipe mall gas red with an
ÎN	AP Leads are Dana Arabie (TSI 297 6/05, TSI 294 8/02, CBT are completed) & Jacques Ro , CBT are completed).	tolo (TS	I 297 4/0	6, TSI 294
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) Yes = $2 \text{ No} = 0 \text{ Needs Improvement} = 1$	2		2
Evaluato	r Notes:			
C3.	YES. The Program Manager & records review show a professional knowledge of the regul	ations.		
4 Evaluato	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) Yes = 2 No = 0 Needs Improvement = 1 r Notes:	2		2
C4. `	Yes, 1/9/13 sent, 3/4/13 reply, All 3 items were addressed, 2 of the items require continuing	g effort.		

5 Did Sta DUNS: 809927387 2012 Natural Gas State Program Evaluation

Did State hold PHMSA TQ Seminar in Past 3 Years? Chapter 8.5 (A3)

#### Yes = 2 No = 0

#### Evaluator Notes:

C5. Yes, in the July 23th week, 2012, 3rd week of July 2011, 3rd week of July 2010 & the 2nd week of July 2009. Practice
is to schedule every year over the last week of July. The next Seminar is scheduled for July 22th week, 2013.

6	Did state inspect all types of operators and inspection units in accordance with time intervals established in written procedures? Chapter 5.1 (B3) Yes = $5 \text{ No} = 0 \text{ Needs Improvement} = 1.4$	5	4
bein	-		
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 = $2 \text{ No} = 0 \text{ Needs Improvement} = 1$	2	2
Evaluato			
Dan Paul Jacq Ron Tina Mar Bria	YES. the LDNR Forms for OQ, IMP, & Standard inspections are created from the current F a Arabie ? TIMP ? 31490, Centerpoint Energy Field Services, okay. Arabie- Special (NG) ? 32531, Chevron Pipe Line Co. Cit# 247, 192.743, okay ues Rotolo-LIMP- 32451, Harvest Pipeline Co, Cit#241, 195.452 b5 & j3, okay. ald Day-Special (NG)- 36569, Centerpoint Energy Field services, LLC, Cit#260, 192.707, ok a Guilliams- Standard (NG) ? 33131, Grant Parish GUD, Cit#244, 192.615a2, b3, c, okay. k Champagne- Standard (HL) - 38969, Genesis Crude Oil, Cit#276, 195.583c, 589c, 406a, 42 n Flores -(NG) Special Insp- 37710, Town of Arnaudville, Cit#267, 192.479a, 747b. okay ald Day-Incident (Gas Gathering)-34329, okay	ay.	
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 = $1 \text{ No} = 0$	1	1
Evaluato			
C8.	Yes, it is in the Distribution Std Inspection Form. See subpart M, 192.489		
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)	1	1
Evaluato	Yes = 1 No = 0 r Notes:		
	Yes. it is in the Distribution Std Inspection Form. See subpart M, 192.489		
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
Evaluato			
C10	. Yes. review procedures during inspections & assure pipeline is leak surveyed from the met		
incic	dent investigations. Added a comment at $192.615(A)(7)$ to check both pipe ends whenever a	line gets i	mpacted or pulled
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)	1	1

required by 192.617? Chapter 5.1 (B10,E5)

#### Evaluator Notes:

C11. YES. it is on the Std Insp Form, per 192.617, and all accidents are followed up with most having on-site investigation.

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

#### Evaluator Notes:

C12. YES. As outlined in the LDNR SOP Sec 6 Part 6, the reports are reviewed by an Engineer for completeness, miles of pipe, & lost and unaccounted for gas and trends it relative to prior years. Also, pipeline mileage is used for assessing user fees so it is closely monitored.

Reportable incidents are investigated relative to minimizing future events, including those due to excavation damage. Performance indicators include incidents per 1000 miles of pipe; # of inspections performed; # of probable violations; # of probable violations corrected. Tracking data includes incidents per 1000 miles of jurisdictional pipe; total miles of jurisdictional pipe; # of reportable incidents; costs due to reportable incidents; injuries due to reportable incidents; & deaths due to reportable incidents; these numbers are disaggregated to determine national numbers and LDNR State numbers. (Spreadsheet name is Monthly Performance Indicator Report which is summed for the Calendar year).

Reports are received, follow-up is made, paperwork is checked, lessons learned are derived, Incident causes and regulatory compliance are determined, and site visits are usually made. Inspector duties are strongly outlined in SOP section 11.

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

C13. YES. All of the OQ and IMP inspections for 2012 have been uploaded, typically within 1 month of the inspection. The focus in 2012 was to conduct Protocol 9 OQ inspections of operators with emphasis on the covered task for valves and corrosion control, & to close out any open OQ violations. The emphasis changed to full OQ HQ 2nd round Inspections in the 2nd half of 2012. The IMP emphasis was to finish GIMP for all operators. DIMP was started in 2011 with DIMP inspections of two operators. LDNR target for the first round completion of DIMP is for 12/31/2013.

14	Has state confirmed intrastate transmission operators have submitted information into NPMS database along with changes made after original submission? (G14) Yes = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$	1	1
Evaluato C14	r Notes: . YES. This was added in 2009 onto question 192.605(b)(3) on the Standard Inspection.		
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 = $2 \text{ No} = 0 \text{ Needs Improvement} = 1$	2	2
inclu			
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 = $2 \text{ No} = 0 \text{ Needs Improvement} = 1$	2	2
	•	•	

in 2012 was to conduct Protocol 9 OQ inspections of operators with emphasis on the covered task for valves and corrosion control, & to close out any open OQ violations. The emphasis changed to full OQ HQ 2nd round Inspections in the 2nd half of 2012. The issue with some Master Meter Operators not to have had OQ inspections was addressed in question C6 & is being rectified in cy 2013.

- 17 2 2 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 (I8-12) Yes = 2 No = 0 Needs Improvement = 1Evaluator Notes: C17. YES. All Operators have been contacted. All Operators have either declared they have prepared a GIMP program or declared they have no HCAs through using Protocol A. GIMP inspections are being conducted and uploaded into the fed database every year. The remaining Operators are being inspected at the rate of one per month. As of 5/12 all Operators have had their first inspection. As of 5/12 the impact radii has been verified, compliance with subpart O has been checked, and integrity assessments and remedial actions have been checked for compliance with their plan for all intrastate gas operators in LA. Gas Operators were submitting semi-annual reports for miles of HCA. Changes of HCA reported are followed up on. Starting in 2011 the information is reported in the Annual Reports. 18 2 2 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 = 1Evaluator Notes: C18. Yes, 4 DIMP inspections have been done through 12/31/2012 which represents the majority of distribution mileage in LA. The completed forms are being uploaded into the Fed database. LDNR is focused on the 12/31/2014 DIMP deadline.
  - 19Is state verifying operators Public Awareness programs are up to date and being22followed. State should also verify operators have evaluated Public Awareness programs22for effectiveness as described in RP1162.49 CFR 192.616 (I13-16)4PAPEI Effectiveness Inspections should be complete by December 20132

Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

C19. Yes, 68 PAPEI inspections have been done through 12/31/2012 . The completed forms are being uploaded into the Fed database. LDNR is focused on the 12/31/2013 PAPEI deadline.

20 Does the state have a mechanism for communicating with stakeholders - other than state 1 1 pipeline safety seminar? (This should include making enforcement cases available to public). (G20-21)
 Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

C20. YES. LDNR is providing a Pipeline Safety Seminar every year instead of every 3rd year, Helped create the Louisiana Common Ground Alliance, had one small gas operator seminar in 2012, Have a close association with LA One Call and with the State Police for excavation enforcement. The LDNR website is up and running. The public has access to all pipeline inspections on the website since March, 2008. Access to prior inspections requires an office visit. Attend the LA DIG LAW Advisory Comm Mtg at least annually.

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

Evaluator Notes:

C21. Yes. SRCR are tracked by Steve Giambrone & Mark Champagne, & updates are sent to the Feds.

22 Did the State ask Operators to identify any plastic pipe and components that has shown a 1 record of defects/leaks and what those operators are doing to mitigate the safety concerns? (G13) Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

C22. Yes. This has been added as question 192.703(b) on the Standard Inspection. Empirical information indicates almost all bad plastic pipe has already been replaced. Leak histories are monitored to find high leak areas to identify areas with potential bad plastic pipe.

**23** Did the state participate in/respond to surveys or information requests from NAPSR or 1 1 PHMSA? (H4)

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

C23. Yes. LDNR works with NAPSR, TQ, NTSB, PHMSA, and is on various committees.

24 General Comments:

Info OnlyInfo Only

1

Info Only = No Points Evaluator Notes:

C24 LDNR is dedicated to being transparent, is making data easily available to the public, is committed to data evaluation for self-improvement, understands the emphasis on accident/incident investigations, and has scheduled its personnel for additional training.

Total points scored for this section: 45 Total possible points for this section: 46



reso	es the state have written procedures to identify steps to be taken from the discovery to oblution of a probable violation? Chapter 5.1 (B12-14, B16, B1h) $= 4 \text{ No} = 0 \text{ Needs Improvement} = 1-3$	4		4
a.	Procedures to notify an operator (company officer) when a noncompliance is tified	Yes 🖲	No 🔿	Needs Improvement
	Procedures to routinely review progress of compliance actions to prevent delays or kdowns	Yes 🖲	No 🔿	Needs Improvement
Operation available justified. spread sho	es: In the LA Administrative Code (LAC 33 LIQUID, & LAC 43 GAS), & is cross references s Manual. Through experience, a standard form has been developed. The compliance for response, and each inspector is responsible to ensure the time frames are adhered to Managers hold inspectors accountable for the timely handling of compliance actions. Even maintained by Arlene Andrus to track dates of inspection, citation, time limit for response actual re-inspection date, outcome, & closure dates. Effective 2013 Arlene retired and	e action or time The Pipe sponse, t	specifies extension eline Div argeted	s the time ons are vision uses a re-inspection
doc nee	the state follow compliance procedures (from discovery to resolution) and adequately ument all probable violations, including what resolution or further course of action is ded to gain compliance? Chapter 5.1 (B11,B18,B19) = $4 \text{ No} = 0 \text{ Needs Improvement} = 1-3$	4		4
a.	Were compliance actions sent to company officer or manager/board member if icipal/government system?	Yes 🖲	No 🔿	Needs Improvement
b.	Were probable violations documented?	Yes 🖲	No 🔿	Needs Improvement
с.	Were probable violations resolved?	Yes 🛈	No 🔿	Needs Improvement
d.	Was the progress of probable violations routinely reviewed?	Yes 🖲	No 🔿	Needs Improvement
if the oper	space is available, & at least for 4 years plus current. They also use an internal docum rator response is sufficient, the form is used to document closure of the compliance acti- ganization Report, Also see Pipeline Operations Manual, Glossary, Noncompliance.			
Yes	the state issue compliance actions for all probable violations discovered? (B15) = $2 \text{ No} = 0$ Needs Improvement = $1$	2		2
Evaluator Not D3. YES. procedure	there were 35 Natural Gas actions in 2012. Reviewed the violation files and the Safety	y Divisio	on is foll	owing its
cau	compliance actions give reasonable due process to all parties? Including "show se" hearing if necessary. (B17, B20) = $2 N_0 = 0$	2		2
Evaluator Not D4. YES actions w are in the is afforded		ited oper ings is i	rators co n place.	mplied (or Due process
civi resu	the program manager familiar with state process for imposing civil penalties? Were 1 penalties considered for repeat violations (with severity consideration) or violations 11 in incidents/accidents? (describe any actions taken) (B27) = 2  No = 0  Needs Improvement = 1 es:	2		2

D5. YES. The Program Manager is familiar with the state process for imposing civil penalties. James Mergist and Steve

Giambrone are part of a committee to develop procedures and identify precedents for determining civil penalties. Multiple violations are considered.

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

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

D6. YES. Fines are assessed and collected every year. In 2012 \$43,000 in fines were assessed in 35 citations and \$6250 was collected.

7 General Comments:

Info OnlyInfo Only

1

Info Only = No Points Evaluator Notes:

D7. LDNR has a fully developed and implemented Pipeline Safety Program. Procedures are written and followed. Records are kept and properly filed. All compliance tools are used including civil penalties. A draft for a legislative Bill for increased civil penalties was submitted but was unsuccessful.

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



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) 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
Dete The	r Notes: YES. See Pipeline SOP, General Criteria, Accident Investigations. State Guidelines Apper ermine if safety violations occurred. 2. Determine root causes of the incident if asked by NT MOU between NTSB and OPS is understood, and LDNR Pipeline Division fully cooperate e 3 reportable incidents, plus follow up of several non-reportable incidents when notification	SB. 3. C s with N	looperate TSB. In	with NTSB.
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) Yes = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$	1		1
	r Notes: YES. Telephonic contact is made, and the 'Telephonic Leak Report' is used. The informat rmine if an on-site visit is required. 3 of the 3 Federally reportable incidents had a field vis		ved is us	sed to
3	Were all incidents investigated, thoroughly documented, and with conclusions and recommendations? (D5) Yes = $3 \text{ No} = 0 \text{ Needs Improvement} = 1-2$	3		3
	a. Observations and document review	Yes 💽	No 🔿	Needs Improvement
	b. Contributing Factors	Yes 🖲	No 🔿	Needs Improvement
	c. Recommendations to prevent recurrences when appropriate	Yes 🖲	No 🔿	Needs Improvement
ever	r Notes: Yes, Yes, Yes. LDNR uses the federal pipeline failure investigation form when an on-site its are documented and Appendix C is followed. Including findings of fact, probable cause, ty Regulations were followed	-		nade. The
4	Did the state initiate compliance action for violations found during any incident/accident investigation? (D6) $Y_{es} = 1 N_0 = 0$	1		1
Evaluato	r Notes: YES. of the 3 incidents, 3 reviews are complete/ongoing and no violations have been foun	d		
E4.	TES. of the 5 incidents, 5 reviews are complete/ongoing and no violations have been roun	u		
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) Yes = $1 \text{ No} = 0 \text{ Needs Improvement = .5}$	1		1
	-	that accie	dent/inci	dent reports
6	Does state share lessons learned from incidents/accidents? (sharing information, such as: at NAPSR Region meetings, state seminars, etc) (G15) Yes = $1 \text{ No} = 0$	1		1
		opriate to	o email	

7 General Comments:

Info Only = No Points

Evaluator Notes:

E7. LDNR has an on-line incident/accident investigation system. That prompts inspectors to completeness, and completed investigations are available to the public electronically

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

Info OnlyInfo Only

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)	2	2
F1.	Yes = 2 No = 0 Needs Improvement = 1 or Notes: Yes. It is on LDNR's advisory bulletin list attached to the Std Insp Form. Starting in 2009 led to the Std Insp Form, subpart L, Damage prevention, 192.614(a).	, this quest	ion was also
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 = $2 \text{ No} = 0 \text{ Needs Improvement} = 1$	2	2
Evaluat	or Notes:		
F2.	Yes. It is in the Std Insp Form, under Damage Prevention, 192.614(c)(1-6).		
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)	2	2
Evoluot	Yes = 2 No = 0 Needs Improvement = 1 or Notes:		
	Yes. LDNR helped create the Louisiana Common Ground Alliance in 2008. LDNR has be	en promot	ing the Best
Pra ma	ctices document for the past several years. The State Police are issuing citations and fines for de a presentation at the 1st annual Damage Prevention Summit in Baton Rouge. Also contin- astal and Marine Operators to reduce damages.	excavatio	n damages. Also
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
Evaluat	or Notes:		
F4.	Yes, Data of annual reports is captured, line hits and locates are captured, & investigations and lyzed for causes and trends.	re captured	. The data is
5	General Comments:	Info OnlyIr	nfo Only
	Info Only = No Points		
F5.	or Notes: LDNR has met all 9 elements of Damage Prevention since 2008. LDNR continues to active vention efforts in the State.	ely support	damage
	Total acieta co	ana d fan th	ia anatione Q

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



1	Operator, Inspector, Location, Date and PHMSA Representative Info Only = No Points	Info OnlyInfo On	ly				
	Name of Operator Inspected: G1. Crosstex LIG LLC opid 32005,						
	Name of State Inspector(s) Observed: Tina Guilliams,						
	Location of Inspection: 8090 Hwy 3128, Pineville, LA 71360						
	Date of Inspection: 3/11-12/13						
	Name of PHMSA Representative: Patrick Gaume						
Evaluato							
G1.	Crosstex LIG LLC opid 32005, Tina Guilliams, 3/11-12/13, Patrick Gaume						
2	Was the operator or operator's representative notified and/or given the opportunity to be present during inspection? (F2) Yes = $1 \text{ No} = 0$	1	1				
Evaluato	r Notes:						
G2.	Yes, 6 Crosstex employees participated in the inspection.						
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) $Yes = 2 No = 0$ Needs Improvement = 1	t 2 2	2				
Evaluato	r Notes:						
G3.	Yes, the LA version of Form 1, This was a specialized inspection.						
4	Did the inspector thoroughly document results of the inspection? (F4) Yes = $2 \text{ No} = 0$ Needs Improvement = $1$	2	2				
Evaluato							
G4.	Yes, for the selected modules, maps, cp, line markers, regulators, pressure protection, etc.						
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) $Yes = 1 No = 0$	1	1				
Evaluato	r Notes:						
G5.	Yes, keys, hand tools, half cell, multimeter, pressure guage, gas sniffer.						
6	Did the inspector adequately review the following during the field portion of the state evaluation? (check all that apply on list) (F7) Yes = $2 \text{ No} = 0$ Needs Improvement = $1$	2 2	2				
	a. Procedures	$\boxtimes$					
	b. Records	$\boxtimes$					
	c. Field Activities	$\boxtimes$					
	d. Other (please comment)						
Evaluato							
G6.	Yes, Tina addressed Procedures, Records, and Field.						
7	Did the inspector have adequate knowledge of the pipeline safety program and	2	2				

# G7. Yes, Tina did a fine job.

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
voluoto	Yes = 1 No = 0 or Notes:		
		ion com	schort throads
G8.	Yes, items of concern include: the need to update to NPMS, air bubbling at a compressor stat		
G8.			
G8.	Yes, items of concern include: the need to update to NPMS, air bubbling at a compressor stat		
G8.	Yes, items of concern include: the need to update to NPMS, air bubbling at a compressor stat		

Yes = 1 No = 0Evaluator Notes:

G9. Yes, items of concern include: the need to update to NPMS, air bubbling at a compressor station, some short threads, missing some pipe support insulators, Pipe resting on a concrete block, test lead records need better documentation for broken and replacement sites.

10	of field States -	Comments: What did the inspector observe in the field? (Narrative description observations and how inspector performed) Best Practices to Share with Other (Field - could be from operator visited or state inspector practices) Other.	Info OnlyInfo Only
	a.	Abandonment	
	b.	Abnormal Operations	
	c.	Break-Out Tanks	
	d.	Compressor or Pump Stations	$\boxtimes$
	e.	Change in Class Location	
	f.	Casings	
	g.	Cathodic Protection	$\boxtimes$
	h.	Cast-iron Replacement	
	i.	Damage Prevention	$\boxtimes$
	j.	Deactivation	
	k.	Emergency Procedures	$\boxtimes$
	1.	Inspection of Right-of-Way	$\boxtimes$
	m.	Line Markers	$\boxtimes$
	n.	Liaison with Public Officials	
	0.	Leak Surveys	$\boxtimes$
	p.	MOP	$\boxtimes$
	q.	MAOP	
	r.	Moving Pipe	
	s.	New Construction	
	t.	Navigable Waterway Crossings	
	u.	Odorization	
	v.	Overpressure Safety Devices	
	W.	Plastic Pipe Installation	
	Х.	Public Education	
	у.	Purging	
	Z.	Prevention of Accidental Ignition	
	A.	Repairs	
	В.	Signs	$\boxtimes$
	C.	Tapping	
	D.	Valve Maintenance	$\boxtimes$

E.	Vault Maintenance	
F.	Welding	
G.	OQ - Operator Qualification	
Η.	Compliance Follow-up	
I.	Atmospheric Corrosion	$\boxtimes$
J.	Other	
Notes:		

Evaluator Notes:

G10. Locks, signs, markers, clean grounds, fencing, air-soil interface, atmospheric corrosion, valve actuation, valve handles, relief valves, vent stacks, cp, threads & bolts, insulating kits & cp on both sides, safety equip on pig traps, pipe supports & insulators.

Total points scored for this section: 12

Total possible points for this section: 12



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

PART	I - 60106 Agreement State (If Applicable) Po	oints(MAX)	Score
1	Did the state use the current federal inspection form(s)? (B21)	1	NA
<b>F</b> 1	Yes = 1 No = 0 Needs Improvement = .5		
Evaluator			
1.1-/,	NA. Not a 60106 State Program Partner.		
2	Are results documented demonstrating inspection units were reviewed in accordance w state inspection plan? (B22) Yes = 1 No = 0 Needs Improvement = .5	vith 1	NA
Evaluator			
	NA. Not a 60106 State Program Partner.		
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:		
I.1 <b>-</b> 7,	NA. Not a 60106 State Program Partner.		
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 = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$	1	NA
Evaluator			
I.1 <b>-</b> 7,	NA. Not a 60106 State Program Partner.		
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:		
I.1 <b>-</b> 7,	NA. Not a 60106 State Program Partner.		
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	•		
I.1-7,	NA. Not a 60106 State Program Partner.		
,	-		
7	General Comments: Info Only = No Points	Info Onlylr	nfo Only
Evaluator			

Total points scored for this section: 0

Total possible points for this section: 0