

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

2011 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)



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

State Agency: Louisiana		Rating:		
Agency Status:		60105(a): Yes	60106(a): No	Interstate Agent: No
Date of Visit: 03/28/2012	- 05/25/2012			
Agency Representative:	James Mergist, Asst Director Pip	peline 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-Off	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 2011 (not the status of performance at the time of the evaluation). All items for which criteria have not been established should be answered based on the PHMSA representative's judgment. A deficiency in any one part of a multiple part question should be scored as needs improvement. Determine the answer to the question then select the appropriate point value. If a state receives less 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	Possible Points	Points Scored
А	Progress Report and Program Documentation Review	10	10
В	Program Inspection Procedures	15	15
С	Program Performance	44	44
D	Compliance Activities	14	14
Е	Incident Investigations	9	9
F	Damage Prevention	8	7
G	Field Inspections	12	12
Н	Interstate Agent State (If Applicable)	0	0
Ι	60106 Agreement State (If Applicable)	0	0
TOTA	LS	112	111
State R	lating		99.1

PAF	RT 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
Evalua	tor Notes:		
A	1. Yes. Jurisdictional authority is correctly reported.		
2	Review of Inspection Days for accuracy - Progress Report Attachment 2 (A1b) Yes = 1 No = 0 Needs Improvement = .5	1	1
	tor Notes:		
A	2. YES. 1226 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
	tor Notes:		
A.	3. 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 No = 0 Needs Improvement = .5	ress 1	1
Evalua	tor Notes:		
A	4. YES. The three incidents are verified.		
5	Accuracy verification of Compliance Activities - Progress Report Attachment 5 (A1 Yes = $1 \text{ No} = 0$ Needs Improvement = .5	le) 1	1
Evalua	tor Notes:		
Α	5. 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 = $2 \text{ No} = 0$ Needs Improvement = 1	2	2
A in	tor Notes: 6. YES. The official files are still paper for most things, but all inspections of the last 4 formation is printed out and placed in the citation file. Citations and historical files will to the 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
	tor Notes:		
A	7. YES		
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
valua	tor Notes:		
	8. YES		

A 9. YES. In 2011 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:

In 2011 LDNR continues to provide associate staff to TQ. LDNR is active on five NAPSR Committees. 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 the LA Common Ground Alliance. 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 inspecting 100% of operators and units 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: Control Room Management; Gas Gathering, Public Awareness Program, Liquid Pipeline Task Group; Gas IMP, and Staffing Formula Task Group. 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

Yes = 1 No = 0 Needs Improvement = .5

1

Info OnlyInfo Only

1	Standard Inspections (B1a) Yes = 2 No = 0 Needs Improvement = 1	2	2
to ex inter 12/3 oper cons Incid		os include IN OQ- first re perator Train s requested; on major con & Follow-up	A reassessment -inspection by hing-formal is per Constr- nstruction sites; o? within a
2	IMP Inspections (including DIMP) (B1b)	1	1
inclu	Yes = 1 No = 0 Needs Improvement = .5 r Notes: YES. Pipeline Safety Operations Manual, General Criteria Section, (Section 6 Part 2) IMP- de IM reassessment intervals of 7 to 10 years, & personnel resource availability due to oth P, TIMP, & DIMP are all addressed		· · · · · · · · · · · · · · · · · · ·
3	OQ Inspections (B1c) Yes = 1 No = 0 Needs Improvement = .5	1	1
	r Notes: YES. Pipeline Safety Operations Manual, General Criteria Section, (Section 6 Part 2) OC every 5 calendar years thereafter)- first re-ins	spection by 2013
4	Damage Prevention Inspections (B1d) Yes = 1 No = 0 Needs Improvement = .5	1	1
Evaluato B4. ` Std i	r Notes: YES. Pipeline Safety Operations Manual, General Criteria Section, (Section 6 Part 2) Dar	nage Preven	tion- is part of a
5	On-Site Operator Training (B1e) Yes = 1 No = 0 Needs Improvement = .5	1	1
	r Notes: YES. Pipeline Safety Operations Manual, General Criteria Section, (Section 6 Part 2) Op requests, Seminars, & conferences, informal is during any operator contact or inspection a		ing-formal is per
6	Construction Inspections (B1f) Yes = 1 No = 0 Needs Improvement = .5	1	1
	r Notes: YES. Pipeline Safety Operations Manual, General Criteria Section, (Section 6 Part 2) Co ired and inspection is 'as needed' with actual practice to concentrate on major construction		action notice is
7	Incident/Accident Investigations (B1g) Yes = 2 No = 0 Needs Improvement = 1	2	2
		ident- as de	termined by the
8	Does inspection plan address inspection priorities of each operator, and if necessary each unit, based on the following elements? (B2a-d, G1,2,4) $Y_{es} = 6 N_0 = 0 N_{eeds} Improvement = 1.5$	6	6

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

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 ge, Corrosion, Natural Forces, Outside Forces, Material and Welds, Equipment, itors and any Other Factors)	Yes 🖲	No 🔿	Needs Improvement
f.	Are inspection units broken down appropriately?	Yes 💿	No 🔿	Needs Improvement

B8. YES. 'Gas Operator Prioritization Model', 'Liquid Operator Prioritization Model' & Pipeline Safety Operations Manual, General Criteria Section, Section 6.

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.

Info OnlyInfo Only

General Comments: Info Only = No Points

Evaluator Notes:

9

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 2011 (at 65%) due to the hiring of 5 new personnel during 2010 (2) & 2011 (3). Staff transition is continuing as two recent hires have resigned and, as of May 2012, the two vacantcies need to be filled. 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



1 Was ratio of Total Inspection person-days to total person days acceptable? (Director of 5 5 State Programs may modify with just cause) Chapter 4.3 (A12) Yes = 5 No = 0A. Total Inspection Person Days (Attachment 2): 1226.00 B. Total Inspection Person Days Charged to the Program (220 X Inspection Person Years) (Attachment 7): 220 X 10.10 = 2222.56 Ratio: A / B 1226.00 / 2222.56 = 0.55 If Ratio ≥ 0.38 Then Points = 5, If Ratio < 0.38 Then Points = 0 Points = 5Evaluator Notes: C1. Yes.1226 AFO insp-days, 10.1 insp-yrs. 1226/(10.1*220)=0.55. .55>.38. okay. 2 Has each inspector and program manager fulfilled the T Q Training Requirements? (See 5 5 Guidelines for requirements) Chapter 4.4 (A8-A11, G19) Yes = 5 No = 0 Needs Improvement = 1-4

	1			
a.	Completion of Required OQ Training before conducting inspection as lead?	Yes 💿	No 🔿	Needs Improvement
b. lead?	Completion of Required DIMP*/IMP Training before conducting inspection as *Effective Evaluation CY2013	Yes 🖲	No 🔿	Needs Improvement
c.	Root Cause Training by at least one inspector/program manager	Yes 💿	No 🔿	Needs Improvement
d.	Note any outside training completed	Yes 💿	No 🔿	Needs

Evaluator Notes:

C2. YES. for 2011 they are in compliance with the State Guidelines with the 3 yr attend & 5 yr complete rule for new staff. For the 1 long term inspector needing 1 course; he attempted the course 2011 and is scheduled to take it again in September 2012.

State training- Most inspectors attend the annual 195 Seminar & the 192 Seminar. In addition, several staff attended the 8 hr LSU HAZWOPER REFRESHER COURSE. Some new hires are taking the La Gas Assn one day Seminars on pipe joining, line locating, first aid, leak detection, fire safety, & regulators.

Operator training ? Held the annual T&O Pipeline Safety Seminar, Conducted and Co-sponsored the annual small gas operator seminar in October, 2011. There were also several individual operator training sessions, usually associated with an inspection.

Non-operator/public training? no activities in 2010 or 2011.

Dana Arabie (TSI 299 11/03) & Jacques Rotolo (TSI 299 9/04) are the OQ Leads. Two other inspectors & two Supervisors are OO certified.

IMP Leads are Dana Arabie (TSI 297 6/05, TSI 294 8/02, CBT are completed) & Jacques Rotolo (TSI 297 4/06, TSI 294 7/04, CBT are completed).

3 Did state records and discussions with state pipeline safety program manager indicate 2 2 adecuate knowledge of PHMSA program and regulations? Chapter 4.1,8.1 (A5) Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

C3. YES. The Program Manager & records review show a professional knowledge of the regulations.

2 2 4 Did state respond to Chairman's letter on previous evaluation within 60 days and correct or address any noted deficiencies? (If necessary) Chapter 8.1 (A6-7) Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

C4. YES. PHMSA letter was Dec 28, 2011, LDNR response was February 28, 2012. All items were responded to.

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

2

5

2

Improvement

Yes = 2 No = 0

	Yes = 2 No = 0 r Notes: Yes, in the 3rd week of July 2011, 3rd week of July 2010 & the 2nd week of July 2009. Prover the last week of July. The next Seminar is scheduled for July 23th week, 2012.	ractice is t	o schedule every
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	5
Evaluato	-		
C6.	YES. Units are being inspected in accordance with the Operations Manual Guidelines. Unit	ts are track	ed through a
spre	ad sheet program which tracks Std and special inspections, IM, OQ, PAP, CRM, & D&A.		
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	-		
	YES. the LDNR Forms for OQ, IMP, & Standard inspections are created from the current I	Federal Fo	rms.
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	r Notes:		
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) Yes = $1 \text{ No} = 0$	1	1
Evaluato			
C9.	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 methem investigations. Added a comment at $192.615(A)(7)$ to check both pipe ends whenever a		
11	Did the state review operator records of previous accidents and failures including reported third party damage and leak response to ensure appropriate operator response as required by 192.617? Chapter 5.1 (B10,E5) Yes = $1 \text{ No} = 0$	1	1
Evaluato	r Notes:		
C11	. YES. it is on the Std Insp Form, per 192.617, and all accidents are followed up with most	having or	-site investigatior
12	Has the state reviewed Operator Annual reports, along with Incident/Accident reports, for accuracy and analyzed data for trends and operator issues? Data Initiative (G6-9,G16) Yes = $2 \text{ No} = 0 \text{ Needs Improvement} = 1$	2	2

accuracy and analyzed data for tro Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

C12. YES. As outlined in the LDNR SOP Sec 6 Part 4, 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).

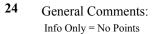
Reports are received, followup is made, paperwork is checked, lessons learned are derived, Incident causes and regulatory compliance are determined, and site visits are usually made. Inspector duties are strongly outlined in SOP section 11.

The f corro was s	Did state input all applicable OQ, IMP inspection results into federal database in a timely manner? This includes replies to Operator notifications into IMDB database. Chapter 5.1 (G10-12) Yes = 2 No = 0 Needs Improvement = 1 Notes: YES. All of the OQ and IMP inspections for 2011 have been uploaded, typically within 1 m ocus in 2011 was to conduct Protocol 9 OQ inspections of operators with emphasis on the co sion control, & to close out any open OQ violations. The IMP emphasis was to finish GIMP started in 2011 with DIMP inspections of two operators. LDNR target for the first round con 1/2013.	overed tas for all op	sk for valves and perators. DIMP
14	Has state confirmed intrastate transmission operators have submitted information into NPMS database along with changes made after original submission? (G14) Yes = $1 \text{ No} = 0$ Needs Improvement = .5	1	1
Evaluator C14.	YES. This was added in 2009 onto question 192.605(b)(3) on the Standard Inspection.		
inclu	Is the state verifying operators are conducting drug and alcohol tests as required by regulations? This should include verifying positive tests are responded to in accordance with program. 49 CFR 199 (I1-3) Yes = 2 No = 0 Needs Improvement = 1 Notes: YES. 199.101, 199.103, 119.113, and 199.117 are referenced in detail in the LDNR Drug & des Fed Form 13 and much of Fed Form #3.1.11. In addition Fed Form #3.1.11 is used durin issue is addressed on the Fed Form #3.1.11 on question A.02.b.		
	YES. I.4. Yes. All Operators have been OQ inspected and re-inspections are scheduled to	1	
	1/2013. Several Protocol 9 inspections are done every year. Operators have been made to be rements and their obligation to stay in compliance.	fully aw	are of the OQ
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 (I8-12) Yes = $2 \text{ No} = 0 \text{ Needs Improvement} = 1$	2	2
Evaluator C17.	Notes: YES. All Operators have been contacted. All Operators have either declared they have pre-	pared 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	Is state verifying operator's gas distribution integrity management Programs (DIMP)? This should include a review of DIMP plans, along with monitoring progress. In addition, the review should take in to account program review and updates of operators plan(s). 49 CFR 192 Subpart P Info Only = No Points	Info Only	nfo Only
	Notes: YES. The first two DIMP inspections were done in 2011, and the completed forms were urrent guidelines.	emailed to	Chris McLaren as
19	Is state verifying operators Public Awareness programs are up to date and being followed. State should also verify operators have evaluated Public Awareness programs for effectiveness as described in RP1162. 49 CFR 192.616 (I13-16) $Yes = 2 No = 0$ Needs Improvement = 1	2	2
or by instru	Notes: YES. LDNR has verified the status of every operators' public awareness program either direct submission of their plans to LDNR. PAPEI were started in 2011. LDNR Inspector action and are using the PAPEI Form. Until the PHMSA PAP database is operational, cor led to Christie Murray as per instructions.	rs have rece	eived PAPEE
20	Does the state have a mechanism for communicating with stakeholders - other than state pipeline safety seminar? (This should include making enforcement cases available to public). (G20-21) Yes = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$	1	1
Com the S		on with LA	One Call and with
21	Did state execute appropriate follow-up actions to Safety Related Condition (SRC) Reports? Chapter 6.3 (B6) Yes = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$	1	1
Evaluator C21.	Notes: Yes. SRCR are tracked by Steve Giambrone & Mark Champagne, & updates are sent to t	he Feds.	
22	Did the State ask Operators to identify any plastic pipe and components that has shown a record of defects/leaks and what those operators are doing to mitigate the safety concerns? (G13) Yes = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$	1	1
all ba			
23 Evaluator	Did the state participate in/respond to surveys or information requests from NAPSR or PHMSA? (H4) Yes = 1 No = 0 Needs Improvement = .5 Notes:	1	1
C 23	. Yes. LDNR works with NAPSR, TQ, NTSB, PHMSA, and is on various committees.		



Info OnlyInfo Only

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: 44 Total possible points for this section: 44



	1	Does the state have written procedures to identify steps to be taken from the discovery to resolution of a probable violation? Chapter 5.1 (B12-14, B16, B1h) Yes = $4 \text{ No} = 0 \text{ Needs Improvement} = 1-3$	4		4
		a. Procedures to notify an operator (company officer) when a noncompliance is identified	Yes 🖲	No 🔿	Needs Improvement
Eval		b. Procedures to routinely review progress of compliance actions to prevent delays or breakdowns	Yes 🖲	No 🔿	Needs Improvement
	D1. Opera availa justif sprea	Notes: YES. In the LA Administrative Code (LAC 33 LIQUID, & LAC 43 GAS), & is cross refer ations Manual. Through experience, a standard form has been developed. The compliance able for response, and each inspector is responsible to ensure the time frames are adhered to fied. Managers hold inspectors accountable for the timely handling of compliance actions. d sheet maintained by Arlene Andrus to track dates of inspection, citation, time limit for re late, actual re-inspection date, outcome, & closure dates.	e action o or time The Pip	specifies extension eline Div	s the time ons are rision uses a
	2	Did the state follow compliance procedures (from discovery to resolution) and adequately document all probable violations, including what resolution or further course of action is needed to gain compliance? Chapter 5.1 (B11,B18,B19) Yes = $4 \text{ No} = 0 \text{ Needs Improvement} = 1-3$	4		4
Eval		a. Were compliance actions sent to company officer or manager/board member if municipal/government system?	Yes 🖲	No 🔿	Needs Improvement
	D2. in a v as lor if the	YES. The inspection reports are placed in the subject Unit File and the violation letter wi violation file. The violation report & evidence are moved to the subject Unit file when it is ng as space is available, & at least for 4 years plus current. They also use an internal docun operator response is sufficient, the form is used to document closure of the compliance act organization Report, Also see Pipeline Operations Manual, Glossary, Noncompliance.	closed. nent ? 'R	Records e-Inspec	are retained tion Form' &
	3	Did the state issue compliance actions for all probable violations discovered? (B15) Yes = $2 \text{ No} = 0 \text{ Needs Improvement} = 1$	2		2
	D3. `	Notes: YES. there were 8 Natural Gas actions in 2011. Reviewed the violation files and the Safety edures.	/ Divisio	on is follo	owing its
	4	Did compliance actions give reasonable due process to all parties? Including "show cause" hearing if necessary. (B17, B20) Yes = $2 N_0 = 0$	2		2
	D4. action are in is aff	Notes: YES. Minor violations were handled informally or with a letter and verified by re-inspections where 'show cause' hearings were requested by Pipeline Division, which means that all contract the process of complying) with the enforcement actions. The process for 'show cause' hear orded all & is stated in the violation letters. See LA Administrative Code (LAC 33: V subp 43: XI subpart 3 Chapter 5 GAS)	ited ope rings is i	rators co n place.	mplied (or Due process
	5	Is the program manager familiar with state process for imposing civil penalties? Were civil penalties considered for repeat violations (with severity consideration) or violations resulting in incidents/accidents? (describe any actions taken) (B27) $Yes = 2 No = 0$ Needs Improvement = 1	2		2
	D5. Giam	Notes: YES. The Program Manager is familiar with the state process for imposing civil penalties. brone are part of a committee to develop procedures and identify precedents for determining tions are considered.			

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

D6. YES. Fines are assessed and collected every year. In 2011 \$14,500 in fines were assessed in 8 citations and \$10,000 was collected.

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

Evaluator Notes:

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 and deferred.

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



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
Evolue	b. Acknowledgement of Federal/State Cooperation in case of incident/accident (Appendix E)	Yes 🖲	No 🔿	Needs Improvement
E1 vio bet	or Notes: YES. See Pipeline SOP, General Criteria, Accident Investigations. Appendix C specifies: lations occurred. 2. Determine root causes of the incident if asked by NTSB. 3. Cooperate w ween NTSB and OPS is understood, and LDNR Pipeline Division fully cooperates with NTS ortable incidents, 3 reports, plus follow up of several non-reportable incidents when notifica	ith NTSE SB. In 20	 The M 11 there 	4OU e were 3
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 No = 0 Needs Improvement = .5	1		1
E2	or Notes: YES. Telephonic contact is made, and the 'Telephonic Leak Report' is used. The informati ermine if an on-site visit is required. 3 of the 3 Federally reportable incidents had a field vis		ved is use	ed to
3	Were all incidents investigated, thoroughly documented, and with conclusions and recommendations? (D5) Yes = $3 \text{ No} = 0$ Needs Improvement = 1-2	3		3
	a. Observations and document review	Yes 🖲	No 🔿	Needs Improvement
	b. Contributing Factors	Yes 🖲	No 🔿	Needs Improvement
	c. Recommendations to prevent recurrences when appropriate	Yes 💽	No 🔿	Needs Improvement
E3 eve	or Notes: Yes, Yes, Yes. LDNR uses the federal pipeline failure investigation form when an on-site i ents are documented and Appendix C is followed. Including findings of fact, probable cause Yety Regulations were followed.	-		
4	Did the state initiate compliance action for violations found during any incident/accident investigation? (D6) Yes = $1 \text{ No} = 0$	1		1
	or Notes: YES. of the 3 incidents, 3 reviews are complete and no violations were found			
	r			
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) $Yes = 1 No = 0$ Needs Improvement = .5	1		1
	or Notes:			
	YES. The Safety Division has regular contact with PHMSA SW Region and DC to ensure accurate & updated. There were no such requests in 2010 or 2011.	that accid	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
E6	or Notes: YES. LDNR makes a report during the SW Region NAPSR Meeting, and responds as appr respondence.	opriate to	o email	

In example; A fully OQ qualified Contractor/Operator, who also teaches & certifies others, failed to follow procedures and got himself and a co-worker burned at a location.

This is a classic example of a trained individual being over-confident in his abilities and failing to use industry best practices. This report was reported in SW NAPSR 2011.

7 General Comments: Info Only = No Points Evaluator Notes: Info OnlyInfo Only

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



1	Has the state reviewed directional drilling/boring procedures of each pipeline operator or its contractor to determine if they include actions to protect their facilities from the dangers posed by drilling and other trench less technologies? NTSB (E1) $Yes = 2 No = 0$ Needs Improvement = 1	2	2
Evaluat	or Notes:		
	Yes. It is on LDNR's advisory bulletin list attached to the Std Insp Form. Starting in 2009	• this ques	tion was also
	ed to the Std Insp Form, subpart L, Damage prevention, 192.614(a).	,	
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) Yes = $2 \text{ No} = 0 \text{ Needs Improvement} = 1$	2	2
Evaluat	or Notes:		
	Yes. LDNR helped create the Louisiana Common Ground Alliance in 2008. LDNR has be	en promoti	ing the Best
	ctices document for the past several years. The State Police are issuing citations and fines fo		
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	1
Evaluat	or Notes:		
F4. 200 201 reco	NI. 1 pt. The Louisiana One Call is tracking this data in the form of number of locate requ 77 it was 176 locates per damage, in 2008 it was 185 locates per damage, in 2009 it was 221 l 80 it was 192 locates per damage. I advised LDNR that other states have implemented DIRT 80 pmmended that they implement DIRT or equivalent. More analysis & trending is needed; has 81 ion but as yet it is not disaggregated into more specific information. DIRT was not used in 2	locates per or Virtual we # calls a	damage, and in DIRT and strongly and # damages by
5	General Comments:	Info Onlyli	nfo Only

5 General Comments: Info Only = No Points Evaluator Notes:

> Total points scored for this section: 7 Total possible points for this section: 8

1	1	or, Inspector, Location, Date and PHMSA Representative y = No Points	Info OnlyIn	fo Only		
		of Operator Inspected: SLLC, opid 21153				
	Name of State Inspector(s) Observed: Paul M Arabie, LDNR Inspector					
		n of Inspection: Inn-Sulphur, LA				
	Date of 3/28-29	Inspection: //12				
	Patrick	of PHMSA Representative: Gaume, PHMSA State Liaison				
Evaluato						
		spection (maintenance items) Varibus LLC, opid 21153, Baton Rouge Unit (main				
		(maintenance records and Field Inspection), Paul M Arabie LDNR Inspector, Qual	lity Inn-Sulp	hur, LA,		
3/28	8-29/12, P	atrick Gaume PHMSA State Liaison				
2		e operator or operator's representative notified and/or given the opportunity to be during inspection? (F2) No = 0	1	1		
Evaluato						
		and its Operating Contractor ? PB Energy Storage Services, Inc, were notified and	three PB Ei	nergy personnel		
part	icipated ir	n the inspection.				
3	used as Yes = 2	inspector use an appropriate inspection form/checklist and was the form/checklist a guide for the inspection? (New regulations shall be incorporated) (F3) No = 0 Needs Improvement = 1	2	2		
Evaluato						
		cialized Inspection is a subset of the full LDNR Standard inspection (MPIRE) which 1 plus State Regulations plus addendum questions required by State Programs.	ch is based o	in the current		
4		inspector thoroughly document results of the inspection? (F4)	2	2		
Evaluato		No = 0 Needs Improvement = 1				
Yes	, the inspe	ection form is data based and all questions MUST be answered and must include ex fore the inspection can be closed out.	xplanations	for all U, NA, or		
5		inspector check to see if the operator had necessary equipment during inspection uct tasks viewed? (Maps,pyrometer,soap spray,CGI,etc.) (F5) No = 0	1	1		
Evaluato	or Notes:					
Yes	, multi-me	eter, half -cell, hand tools, and keys.				
6	evaluat	inspector adequately review the following during the field portion of the state ion? (check all that apply on list) (F7) No = 0 Needs Improvement = 1	2	2		
	a.	Procedures				
	b.	Records	\boxtimes			
	c.	Field Activities	\boxtimes			
	d.	Other (please comment)				
Evaluate		· /				

Yes, for Records and Field; Procedures had been done previously.

7	regulati	inspector have adequate knowledge of the pipeline safety program and ons? (Evaluator will document reasons if unacceptable) (F8) No = 0 Needs Improvement = 1	2 2	
Evaluat	or Notes:	1		
Yes	s, Paul dem	nonstrated full competence to perform these inspections.		
8		inspector conduct an exit interview? (If inspection is not totally complete the should be based on areas covered during time of field evaluation) (F9)	he 1 1	
Evaluat	or Notes:	NO = 0		
ma	rkers, and s	mented that the records were in good order with no violations found; he id some short bolts where insulator packages had been installed. The Field wa kers were addressed during the inspection.		
9		the exit interview, did the inspector identify probable violations found durinons? (if applicable) (F10) No = 0	ng the 1 1	
Yes	or Notes: s, Paul com rkers, and s	mented that the records were in good order with no violations found; he id some short bolts where insulator packages had been installed. The Field wa kers were addressed during the inspection.		
10	of field States -	Comments: What did the inspector observe in the field? (Narrative descrip observations and how inspector performed) Best Practices to Share with O (Field - could be from operator visited or state inspector practices) Other. y = No Points		
	а.	Abandonment		
	b.	Abnormal Operations		
	c.	Break-Out Tanks		
	d.	Compressor or Pump Stations		
	e.	Change in Class Location	\boxtimes	
	f.	Casings		
	g.	Cathodic Protection	\boxtimes	
	h.	Cast-iron Replacement		
	i.	Damage Prevention	\boxtimes	
	j.	Deactivation	\boxtimes	
	k.	Emergency Procedures		
	1.	Inspection of Right-of-Way	\boxtimes	
	m.	Line Markers	\boxtimes	
	n.	Liaison with Public Officials		
	0.	Leak Surveys		
	p.	MOP	\boxtimes	
	q.	MAOP	\boxtimes	
	r.	Moving Pipe		
	s.	New Construction		
	t.	Navigable Waterway Crossings		
	u.	Odorization		
	v.	Overpressure Safety Devices	\boxtimes	
	W.	Plastic Pipe Installation		
	Х.	Public Education		
	у.	Purging		
	Z.	Prevention of Accidental Ignition		
	A.	Repairs		

B.	Signs	\boxtimes
C.	Tapping	
D.	Valve Maintenance	\boxtimes
E.	Vault Maintenance	
F.	Welding	
G.	OQ - Operator Qualification	
H.	Compliance Follow-up	
I.	Atmospheric Corrosion	\bowtie
J.	Other	

Yes, valve operation, cp, atmos corr, pig trap safety equipment, line markers, signage, site security, fences, locks, safety signs, ROW, bolts, nuts, pipe supports, air/soil interface, flange & valve ratings, MOP, MAOP, pressure gauges, verified safety of isolated pipe, BEST PRACTICE: Doing aerial inspections twice a month in addition to ground inspections, & Rectifiers are read once a month.

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

	H - Interstate Agent State (If Applicable) Poin	nts(MAX)	Score
1	Did the state use the current federal inspection form(s)? (C1)	1	NA
	Yes = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$		
Evaluato	Notes:		
NA-	not an Interstate Agent State Program.		
2	Are results documented demonstrating inspection units were reviewed in accordance with "PHMSA directed inspection plan"? (C2) Yes = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$	h 1	NA
Evaluato	Notes:		
NA-	not an Interstate Agent State Program.		
3 Evoluato	Did the state submit documentation of the inspections within 60 days as stated in its lates Interstate Agent Agreement form? (C3) Yes = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$	t 1	NA
Evaluato NA-	not an Interstate Agent State Program.		
4	Were probable violations identified by state referred to PHMSA for compliance? (NOTE PHMSA representative has discretion to delete question or adjust points, as appropriate, based on number of probable violations; any change requires written explanation.) (C4) $Yes = 1 No = 0$ Needs Improvement = .5	: 1	NA
Evaluato NA-	*		
5	Did the state immediately report to PHMSA conditions which may pose an imminent safety hazard to the public or to the environment? (C5) $Yes = 1 No = 0$ Needs Improvement = .5	1	NA
Evaluato	Notes:		
NA-	not an Interstate Agent State Program.		
6	Did the state give written notice to PHMSA within 60 days of all probable violations found? (C6) Yes = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$	1	NA
	Notes: not an Interstate Agent State Program.		
	Did the state initially submit documentation to support compliance action by PHMSA on probable violations? (C7)	1	NA
NA- 7	not an Interstate Agent State Program. Did the state initially submit documentation to support compliance action by PHMSA on probable violations? (C7) Yes = 1 No = 0 Needs Improvement = .5	. 1	NA
NA- 7 Evaluato	not an Interstate Agent State Program. Did the state initially submit documentation to support compliance action by PHMSA on probable violations? (C7) Yes = 1 No = 0 Needs Improvement = .5	. 1	NA
NA- 7 Evaluato	Did the state initially submit documentation to support compliance action by PHMSA on probable violations? (C7) Yes = 1 No = 0 Needs Improvement = .5 Notes:	1 Info OnlyIr	
NA- 7 Evaluato NA- 8	hot an Interstate Agent State Program. Did the state initially submit documentation to support compliance action by PHMSA on probable violations? (C7) Yes = 1 No = 0 Needs Improvement = .5 Notes: not an Interstate Agent State Program. General Comments: Info Only = No Points		
7 Evaluato NA- 8 Evaluato	hot an Interstate Agent State Program. Did the state initially submit documentation to support compliance action by PHMSA on probable violations? (C7) Yes = 1 No = 0 Needs Improvement = .5 Notes: not an Interstate Agent State Program. General Comments: Info Only = No Points		

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

I - 60106 Agreement State (If Applicable) Poi	ints(MAX)	Score
	1	NTA
· · · · · ·	1	NA
-		
state inspection plan? (B22)	ith 1	NA
NA-not a 60106 Agreement State Program.		
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 = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$	1	NA
NA-not a 60106 Agreement State Program.		
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
Notes:		
NA-not a 60106 Agreement State Program.		
Did the state give written notice to PHMSA within 60 days of all probable violations found? (B25) Yes = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$	1	NA
NA-not a 60106 Agreement State Program.		
Did the state initially submit adequate documentation to support compliance action by PHMSA on probable violations? (B26) Yes = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$	1	NA
NA-not a 60106 Agreement State Program.		
	Info Only	to Only
		no Only
Notes:		
	Did the state use the current federal inspection form(s)? (B21) Yes = 1 Ne = 0 Needs Improvement =.5 r Notes: NA-not a 60106 Agreement State Program. Are results documented demonstrating inspection units were reviewed in accordance wistate inspection plan? (B22) Yes = 1 No = 0 Needs Improvement =.5 r Notes: NA-not a 60106 Agreement State Program. 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 rNotes: NA-not a 60106 Agreement State Program. Did the state immediately report to PHMSA conditions which may pose an imminent safety hazard to the public or to the environment? (B24) Yes = 1 No = 0 Needs Improvement =.5 rNotes: NA-not a 60106 Agreement State Program. Did the state give written notice to PHMSA within 60 days of all probable violations found? (B25) Yes = 1 No = 0 Needs Improvement =.5 rNotes: NA-not a 60106 Agreement State Program. Did the state initially submit adequate documentation to support compliance action by PHMSA on probable violations? (B26) Yes = 1 No = 0 Needs Improvement =.5 </td <td>Did the state use the current federal inspection form(s)? (B21) 1 Yes = 1 No = 0 Needs Improvement = .5 Notes: NA-not a 60106 Agreement State Program. 1 Are results documented demonstrating inspection units were reviewed in accordance with 1 1 state inspection plan? (B22) Yes = 1 No = 0 Needs Improvement = .5 rNotes: NA-not a 60106 Agreement State Program. Were any probable violations identified by state referred to PHMSA for compliance? 1 (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 Notes: NA-not a 60106 Agreement State Program. 1 Did the state immediately report to PHMSA conditions which may pose an imminent safety hazard to the public or to the environment? (B24) 1 Yes = 1 No = 0 Needs Improvement = .5 Notes: 1 NA-not a 60106 Agreement State Program. 1 1 Did the state give written notice to PHMSA within 60 days of all probable violations found? (B25) 1 1 Yes = 1 No = 0 Needs Improvement = .5 Notes: 1 1 NA-not a 60106 Agreement State Program. 1 1 1 Did the state give</td>	Did the state use the current federal inspection form(s)? (B21) 1 Yes = 1 No = 0 Needs Improvement = .5 Notes: NA-not a 60106 Agreement State Program. 1 Are results documented demonstrating inspection units were reviewed in accordance with 1 1 state inspection plan? (B22) Yes = 1 No = 0 Needs Improvement = .5 rNotes: NA-not a 60106 Agreement State Program. Were any probable violations identified by state referred to PHMSA for compliance? 1 (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 Notes: NA-not a 60106 Agreement State Program. 1 Did the state immediately report to PHMSA conditions which may pose an imminent safety hazard to the public or to the environment? (B24) 1 Yes = 1 No = 0 Needs Improvement = .5 Notes: 1 NA-not a 60106 Agreement State Program. 1 1 Did the state give written notice to PHMSA within 60 days of all probable violations found? (B25) 1 1 Yes = 1 No = 0 Needs Improvement = .5 Notes: 1 1 NA-not a 60106 Agreement State Program. 1 1 1 Did the state give

Total points scored for this section: 0

Total possible points for this section: 0