



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

1200 New Jersey Avenue SE
Washington DC 20590

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Pipeline Safety

2015 Hazardous Liquid Base Grant Progress Report

for

MN Office of Pipeline Safety

Please follow the directions listed below:

1. Review the entire document for completeness.
2. Review and have an authorized signatory sign and date page 2.
3. Fasten all pages with a paper or binder clip - no staples please as this package will be scanned upon it's arrival at PHMSA.
4. Mail the entire document, including this cover page to the following:

ATTN: Gwendolyn M. Hill
U.S. Department of Transportation
Pipeline & Hazardous Materials Safety Administration
Pipeline Safety, PHP-50
1200 New Jersey Avenue, SE Second Floor E22-321
Washington, D.C. 20590



FedSTAR Information

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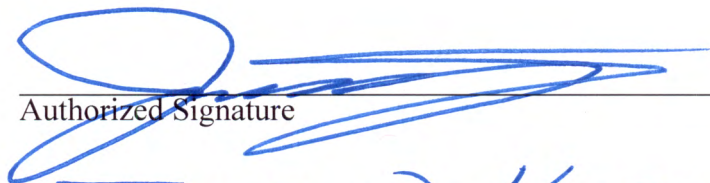


Pipeline and Hazardous Materials Safety Administration
1200 New Jersey Avenue, SE
Washington DC 20590

OFFICE OF PIPELINE SAFETY

2015 Hazardous Liquid Base Grant Progress Report

Office: MN Office of Pipeline Safety



Authorized Signature

Jonathan Wolfgram

Printed Name

CHIEF ENGINEER

Title

2/29/2016

Date



PROGRESS REPORT ATTACHMENTS (HAZARDOUS LIQUID)

PHMSA Form No. PHMSA F 999-95

INSTRUCTIONS:

These attachments request information either for the entire calendar year (CY 2015: January 1 through December 31, 2015) or as of (or on) December 31, 2015. Please report actual as opposed to estimated numbers on the attachments. Be careful to provide complete and accurate information since the PHMSA State Programs will be validating the attachments during the state's next annual evaluation.

- **Attachment 1: State Jurisdiction and Agent Status Over Facilities.** Requires the state to indicate those pipeline operator types over which the state agency has jurisdiction under existing law. If the state does not have jurisdiction over an operator type, indicate why not in the column designated No, using the one alpha code (A or B) which best describes the reason. If the state agency has jurisdiction over an operator type, place an X in the column designated Yes and provide information on the number of operators, the number and percent of operators inspected, the number of inspection units, and the number and percent of inspection units inspected. If the jurisdiction over a type of operator is under a Section 60106 Agreement, indicate X/60106 in the column designated Yes. [If the same operator/inspection unit is visited more than once during the year, count only once under number of operators inspected/number of inspection units inspected on Attachment 1. The multiple visits would, however, be reflected under total inspection person-days in Attachment 2.]
- **Attachment 2: Total State Field Inspection Activity.** Requires the state to indicate by operator type the number of inspection person-days spent during CY 2015 on inspections; standard comprehensive; design, testing, and construction; on-site operator training; integrity management; operator qualification; investigating incidents or accidents; damage prevention activities; and compliance follow-up. Attachment 2 should include drug and alcohol inspections. Counting In Office Inspection Time - An inspector may choose to review pipeline company procedure manuals or records away from the company facility in order to effectively use onsite inspection time. The amount of time spent reviewing procedures and records may be counted as part of the inspection process. It is important that an inspector only record time for activities that normally would be completed as part of an onsite inspection. For example, an inspector may attribute the three hours he or she spent reviewing a pipeline operator's procedure manual and records prior to an on site inspection towards the total inspection time. Each supervisor must carefully review the reported time to ensure the time attributed is consistent with the activity completed and is carefully delineated from normal office duties.
- **Attachment 3: Facility Subject to State Safety Jurisdiction.** States should only list the facilities that are jurisdictional under Parts 192 and 193 (Gas) and Part 195 (Hazardous Liquid) of which the state has safety authority over. This attachment requires the business name and address of each person subject to the pipeline safety jurisdiction of the state agency as of December 31, 2015. Also indicate the operator type (e.g., intrastate transmission) consistent with the listing in Attachment 1 and include the number of inspection units in each operator's system. The operator identification number (OPID) assigned by PHMSA must also be included on this attachment.
- **Attachment 4: Pipeline Incidents.** Requires a list of incidents investigated by or reported to the state agency that involved personal injury requiring hospitalization, a fatality, property damage exceeding \$50,000, and others deemed significant by the operator. Please also make an effort to clearly identify the state's determination of the cause of the incident using the one most appropriate alpha code footnoted in the attachment. We summarize this information for Congress by classifying the cause into one of eight categories: (A) corrosion failure; (B) natural force damage; (C) excavation damage; (D) other outside force damage; (E) material failure of pipe or weld; (F) equipment failure; (G) incorrect operation; (H) other accident cause. Please provide a summary of incident investigations.

- **Attachment 5: State Compliance Actions.** This requires a summary of state pipeline inspection and compliance actions. [In the Number of Compliance Actions Taken column, keep in mind one compliance action can cover multiple probable violations.]
- **Attachment 6: State Record Maintenance and Reporting.** Requires a list of records and reports maintained and required by the state agency.
- **Attachment 7: State Employees Directly Involved in the Pipeline Safety Program.** This attachment requires a list by name and title of each employee directly involved in the pipeline safety program. Be sure to include the percentage of time each employee has been involved in the pipeline safety program during 2015. If an employee has not been in the pipeline safety program the full year of 2015, please note the number of months working on the program. Indicate a Qualification Category for each of the state's inspectors (see Attachment 7a). The categories are shown in descending order of education and experience. Please enter the number of the highest description applicable to each inspector. For each inspector and supervisor, indicate the month and year he/she successfully completed the training courses at the Pipeline Safety Office of Training and Qualifications in Oklahoma City, OK. Finally, provide in summary form the number of all staff (supervisors, inspectors/investigator, damage prevention/technical and clerical/administrative) working on the pipeline safety program and the person-years devoted to pipeline safety. Person-years should be reported in hundreds (e.g., 3.25).
- **Attachment 8: State Compliance with Federal Requirements.** This requires the state to indicate whether it is in compliance with applicable federal requirements. If a particular requirement is not applicable to the state (e.g. offshore inspections), indicate NA in the column designated Y/N/NA and indicate in the notes section why the regulation is not applicable. If a regulation has been adopted, indicate the date adopted (e.g., 05/01/04) in the appropriate column. If the regulation is applicable but has not been adopted indicate N in the Y/N/NA column and explain why not in the appropriate column (e.g., requires legislative action). If the state has not adopted the maximum penalty amounts of \$200,000 per day up to \$2,000,000 for a related series of violations please indicate civil penalty levels in effect in the state as of December 31, 2014. For State Adoption of Part 198 State One Call Damage Prevention Program if a state has any penalty amount for its damage prevention law please mark item 7.h as “Adopted but Different Dollar Amounts” and list the penalty amount in the Note section. Note at the end of Attachment 8 we are requesting each state to indicate the frequency its legislature meets in general session. This information will be taken into account when determining if applicable federal regulations have been adopted within 24 months of the effective date or two general sessions of the state legislature.
- **Attachment 10: Performance and Damage Prevention Questions.** This attachment requires a narrative of each states goals and accomplishments. In addition it requires a narrative on each states progress toward meeting the nine elements of an effective damage prevention program as described in the PIPES Act of 2006.



DEFINITIONS

- **Inspection Unit.** An inspection unit is all or part of an operator's pipeline facilities that are under the control of an administrative unit that provides sufficient communication and controls to ensure uniform design, construction, operation, and maintenance procedures for the facilities. (See Glossary of Terms in Guidelines for States Participating in the Pipeline Safety Program for application of the inspection unit concept to transmission and hazardous liquid pipeline systems, distribution systems, liquefied gas systems, municipality, master meter system, regulated gathering pipeline systems, and propane-air systems/petroleum gas systems.)
- **Inspection Person-Day.** An inspection person-day is all or part of a day spent by a state agency representative including travel in an on site examination or evaluation of an operator or his system to determine if the operator is in compliance with federal or state pipeline safety regulations, in an on site investigation of a pipeline incident, or in job-site training of an operator. Time expended on such activities should be reported as one inspection person-day for each day devoted to safety issues, regardless of the number of operators visited during that day.
- **Probable Violation.** A probable violation is a non-compliance with any section or, where a section is divided into subsections (a), (b), (c), etc., any subsection of federal or state pipeline regulations. Each numbered section should be counted separately. Multiple non-compliances of a numbered section discovered on the same inspection should be counted as one probable violation with multiple pieces of evidence.
- **Compliance Action.** A compliance action is an action or series of sequential actions taken to enforce federal or state pipeline regulations. One compliance action can cover multiple probable violations. A compliance action may take the form of a letter warning of future penalties for continued violation, an administratively imposed monetary sanction or order directing compliance with the regulations, an order directing corrective action under hazardous conditions, a show-cause order, a criminal sanction, a court injunction, or a similar formal action.



Attachment 1 - Stats on Operators

STATE JURISDICTION AND AGENT STATUS OVER HAZARDOUS LIQUID FACILITIES AS OF DECEMBER 31, 2015

Operator Type	State Agency Jurisdiction/ Agent Status		No. of Operators	Operators Inspected		No. of Inspection Units	Units Inspected	
	No ¹	Yes		#	%		#	%
Petroleum Products								
Intrastate Trunklines		X/60105	3	3	100.0%	3	3	100.0%
Gathering Lines in Non-rural Areas		X/60105	0	0	N/A	0	0	N/A
Offshore Facilities		X/60105	0	0	N/A	0	0	N/A
Interstate		X/IA	9	8	88.9%	19	14	73.7%
Anhydrous Ammonia		X/IA	1	0	0.0%	1	0	0.0%
Carbon Dioxide		X/IA	0	0	N/A	0	0	N/A
Total			13	11	84.6%	23	17	73.9%

¹Codes: A - None in state and does not have jurisdiction;

B - State does not have jurisdictional authority (Provide current status or action being taken to obtain authority in notes section below)

F - No, State is currently not an interstate agent.

X/60105P = Yes, I have Section 60105 (Certification) over some of the operator type (meaning: I have 60105 authority over some, but not all of this operator type and do not have a 60106 agreement with PHMSA to inspect them). These operators are identified in the notes below.

X/IA - Yes I have Interstate Agent jurisdiction over this type of operator

Distribution "Other" - ie Co-ops, Public Utility Districts, etc.

States should explain any special circumstances

General Instructions - All above facilities should only include facilities as defined by federal pipeline regulations and should not include extended jurisdiction by state regulation.

Attachment 1 Notes:

- Gathering, Carbon Dioxide and Offshore facilities or pipelines are jurisdictional, but do not exist in the State of Minnesota.

Attachment 2 - State Inspection Activity

TOTAL STATE FIELD INSPECTION ACTIVITY AS OF DECEMBER 31, 2015

Operator Type	Standard Comprehensive	Design, Testing and Construction	On-Site Operator Training	Integrity Management	Operator Qualification	Investigating Incidents or Accidents	Damage Prevention Activities	Compliance Follow-up	Total
Petroleum Products									
Intrastate Trunklines	27.27	0	1	6	0.49	0	1	0	35.76
Gathering Lines in Non-rural Areas	0	0	0	0	0	0	0	0	0
Offshore Facilities	0	0	0	0	0	0	0	0	0
Interstate	68.4	78.24	2.5	24.99	0.78	19.73	44.19	4	242.83
Anhydrous Ammonia	0	0	0	0	0	0	0	0	0
Carbon Dioxide	0	0	0	0	0	0	0	0	0
Total	95.67	78.24	3.5	30.99	1.27	19.73	45.19	4	278.59

Drug and Alcohol

Total Count of Drug and Alcohol Inspections	2
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Attachment 2 Notes

1. Standard=409, 410, 413, 415, 416, 420, 421, 422, 423, 424, 425, 426, 430, 433, 434, 434, 435, 436, 451 time sheet work code inspection types. Time coded to 433 is allocated to time spent completing the D&A Field Form. Time coded to 432 is allocated to time spent completing the OQ Field Form.
2. Design, Testing and Construction = 450 time sheet work code inspection type.
3. On-site Operator Training = 470 time sheet work code inspection types.
4. Integrity Management = 411, 431 time sheet work code inspection types.
5. Operator Qualification = 412, 432 time sheet work code inspection types. 432 is allocated to time spent completing the OQ Protocol 9 documentation. The 412 designates completion of a full OQ Plan Review.
6. Drug and Alcohol = 413, 433 time sheet work code inspection types. 433 is allocated to time spent completing the Drug and Alcohol Field Form. The 413

designates completion of a Drug and Alcohol Plan Review.

7. Investigating Incidents = 460, 462, 464 time sheet work code inspection types.

8. Damage Prevention = 476, 463 time sheet work code inspection types.

9. Follow-up = 440 time sheet work code inspection types.

10. 2 of 3 Intrastate Drug & Alcohol Inspection Plan Reviews Were Conducted in 2015.



Attachment 3 - List of Operators

HAZARDOUS LIQUID FACILITIES SUBJECT TO STATE SAFETY JURISDICTION AS OF DECEMBER 31, 2015

Operator Business Name Operator ID Address	Petroleum Products (Operator type & Inspection Units)				Anhydrous Ammonia (Operator type & Inspection Units)	Carbon Dioxide (Operator type & Inspection Units)
	Intrastate Trunklines	Gathering Lines in non-rural areas	Off-shore Facilities (State Waters)	Interstate	Anhydrous Ammonia	Carbon Dioxide
AMOCO OIL CO 395 150 W. WARRENVILLE RD NAPERVILLE, IL	0	0	0	1	0	0
ENBRIDGE ENERGY, LIMITED PARTNERSHIP 11169 1100 Louisiana, Suite 3300 Houston, TX 77002	0	0	0	3	0	0
ENBRIDGE PIPELINE (SOUTHERN LIGHTS) LLC 32502 1100 Louisiana, Suite 3300 Houston, TX 77002	0	0	0	1	0	0
ENTERPRISE PRODUCTS OPERATING LLC 31618 1100 Louisiana Street Houston, TX 77002	0	0	0	1	0	0
KINDER MORGAN COCHIN LLC 32258 500 Dallas, Suite 1000 Houston, TX 77002	0	0	0	2	0	0
KOCH PIPELINE COMPANY, L.P. 22855 4111 East 37th Street North Wichita, KS 67201	1	0	0	4	0	0
MAGELLAN AMMONIA PIPELINE, L.P. 12105 One Williams Center, MD27 Tulsa, OK 74172	0	0	0	0	1	0
MAGELLAN PIPELINE COMPANY, LP 22610 One Williams Center, MD27 Tulsa, OK 74172	0	0	0	5	0	0



NORTH DAKOTA PIPELINE COMPANY LLC 15774 1100 Louisiana, Suite 3300 Houston, TX 77002	0	0	0	1	0	0
NORTHERN STATES POWER CO OF MINNESOTA 31636 825 Rice Street St. Paul, MN 55117	1	0	0	0	0	0
NUSTAR PIPELINE OPERATING PARTNERSHIP L.P. 10012 2330 N. Loop 1604 West San Antonio, TX 78284	0	0	0	1	0	0
ST. PAUL PARK REFINING CO. LLC 32523 301 St. Paul Park Road St. Paul Park, MN 55071	1	0	0	0	0	0



	Petroleum Products (Operator type & Inspection Units)				Anhydrous Ammonia (Operator type & Inspection Units)	Carbon Dioxide (Operator type & Inspection Units)
	Intrastate Trunklines	Gathering Lines in non-rural areas	Off-shore Facilities (State Waters)	Interstate	Anhydrous Ammonia	Carbon Dioxide
Inspection Unit totals by type	3	0	0	19	1	0

Total Operators

12

Attachment 3 Notes

1. Main offices of interstate operators are not considered inspection units by PHMSA Central Region.



Attachment 4 - Incidents/Accidents

SIGNIFICANT⁴ HAZARDOUS LIQUID INCIDENTS/ACCIDENTS JANUARY 1, THROUGH DECEMBER 31, 2015

Date of Incident	Location - City/County/etc.	Injuries #	Fatalities #	Property Damage ³ \$	Cause Code ¹	State Cause Code ¹
01/15/2015	BENTON county, MN	0	0	\$2,286,812.00	B	B
Name of Operator: KOCH PIPELINE COMPANY, L.P.						
Operator ID: 22855 NRC ID: 20150050						
Summary ² MNOPS case ID#50522769: From Operator's Incident Report: On January 15th, 2015, Koch Pipeline Company, L.P. ("KPL") was performing routine inspections at Minnesota Pipe Line Company, LLC's Foley Pump Station. At 14:25, crude oil was first discovered on the surface of the ground near the station's line 1 north block valve. The pipeline had been shut down for non-related maintenance. The operator notified the Pipeline Control Center to ensure the pipeline system had not been started. At 15:24 it was determined that the estimated amount of oil spilled and amount of estimated property damage warranted a report to the National Response Center and a call was immediately placed to report the release. Maintenance personnel from the Little Falls Station were dispatched to the scene along with local contract resources. The site was excavated and the source was identified and controlled. The source was determined to be an appurtenance on the Foley line 1 north block valve. Approximately 20 barrels of crude oil were released. The valve was replaced and the station returned to normal service. The amount of soil remediated is approximately 2,904 tons.						
02/02/2015	ITASCA county, MN	0	0	\$27,629.00	E	E
Name of Operator: ENBRIDGE ENERGY, LIMITED PARTNERSHIP						
Operator ID: 11169 NRC ID: 20150081						
Summary ² MNOPS case ID#50526979 From Operator's Incident Report: On February 2 at 10:55 AM, while completing routine rounds at the Deer River Station, the technician discovered approximately 1/2 gallon of crude oil to be leaking from the Line 4 discharge pressure transmitter (4-PT-1D/4-PT-2D) where the branch connection fitting is welded to the station piping. Line 4 was down for a delivery at the time of the discovery. Pipeline Maintenance was dispatched to the station to clean up the oil and begin necessary repairs. Investigation revealed cracking in the 2" branch connection weld of the pressure transmitter fitting. The pressure transmitter branch connection (4-PT-1D/4-PT-2D) was relocated on the station piping. An encapsulation fitting designed and tested to the system pressure rating was installed over the affected /cracked fitting and filled with non-corrosive fluid. At this time, the cause of the failure has been						

attributed to fatigue cracking of the branch connection weld due to vibration from the nearby pressure control valve. The current path forward with the failed connection includes the removal of the failed section of station piping and a metallurgical analysis of the failed welded branch connection. The exact time frame for the cut out has not yet been determined. Less than 1 cubic yard of contaminated soil has been removed from the release site.

03/14/2015	CLEARWATER county, MN	0	0	\$107,662.00	B	B
Name of Operator:	ENBRIDGE ENERGY, LIMITED PARTNERSHIP					
Operator ID:	11169	NRC ID:	20150140			

Summary²

MNOPS case ID#50538618
 From Operator's Incident Report:
 On March 14 at approximately 10:45 AM, on site personnel at the Clearbrook Terminal noticed approximately 10 gallons of crude oil on the ground near incoming lines 1, 2 and 3. The gauger immediately notified the Edmonton Control Center and all three lines were shut down. The Terminal Supervisor and On Call Manger were notified. The Bemidji Pipeline Maintenance Crew was dispatched, performed a one-call and began initial cleanup at approximately 12:15 PM. The Terminal Supervisor arrived on site at 1:30 PM and analyzed the current situation with the On Call Manger. It was determined that the NRC notification requirement would be met due to the need for exploratory excavation to determine the source of the oil. Contractors with hydrovac equipment arrived onsite at approximately 1:50 PM to begin exploratory excavation. At 4:00 PM when the leak source was determined to be the block and bleed piping on 2-CSV-22, Lines 1 and 3 were cleared for restart. The 1/2 inch piping was bent, and had been broken off from the elbow at the horizontal face. It was discovered that frost had penetrated over the entire length of the piping. The 1/2 inch piping was replaced and Line 2 was put back into service later that same evening. Approximately 125 cubic yards of contaminated soil was disposed of at an approved site.

04/23/2015	CLEARWATER county, MN	0	0	\$109,924.00	F	F
Name of Operator:	ENBRIDGE ENERGY, LIMITED PARTNERSHIP					
Operator ID:	11169	NRC ID:	20150191			

Summary²

MNOPS case ID#50550112
 From Operator's Incident Report:
 On April 23 at approximately 10:10 AM CST, while in the process of removing drain line piping at the Clearbrook Terminal manifold area, oil leaked past a 3" drain valve on the Booster Pump 3 and 4 Manifold Header, causing an estimated 10 barrels of oil to leak out of the open end of the piping and the cold cut that had been made. The Terminal Gauger contacted the Control Center and requested that Lines 3 and 4 along with the associated Booster Pumps 3 and 4 be shut down. As a precaution, all incoming lines into the Clearbrook Terminal were shut down until the source of the oil could be determined. The investigation revealed that the 3" drain valve did not properly seal, allowing oil to flow past it, onto the ground. The valve is currently blinded off and tagged as "do not operate", and will be removed for inspection and/or replacement. The cause of the valve not sealing properly will be determined once the valve can be removed and inspected during a future scheduled outage. All piping that was planned to be removed under the scope of the original

project has been disconnected from the pipeline system.
Approximately 40 cubic yards of contaminated soil was disposed of to an approved landfill.

07/27/2015	ITASCA county, MN	0	0	\$93,654.00	F	F
Name of Operator:	ENBRIDGE ENERGY, LIMITED PARTNERSHIP					
Operator ID:	11169	NRC ID:	20150305			

Summary²

MNOPS case ID#50570991
From Operator's Incident Report:
AT APPROXIMATELY 7:45 AM ON JULY 27, 2015, A LINE 2 INTEGRITY DIG CREW, UPON ARRIVAL TO THE REMOTE VALVE SITE AT MP 1021.68, NOTICED THAT A SMALL AMOUNT OF CRUDE OIL HAD LEAKED FROM A 12" OUT OF SERVICE CROSSOVER/LOOP VALVE WHICH WAS TIED INTO LINE 2. THE EDMONTON CONTROL CENTER WAS CONTACTED AND LINE 2 WAS SHUT DOWN. OPERATION CREWS WERE DISPATCHED TO THE SITE TO DETERMINE THE SOURCE OF THE LEAK. UPON ARRIVAL, IT WAS DISCOVERED THAT APPROXIMATELY ONE CUP OF OIL HAD LEAKED FROM THE VALVE BONNET. REGION MANAGEMENT MADE THE DECISION TO ISOLATE THE CROSSOVER VALVE VIA STOPPLE INSTALLATION AND REMOVE IT FROM THE SYSTEM. THE NATIONAL RESPONSE CENTER NOTIFICATION WAS MADE ONCE THE FINAL REPAIR PLAN WAS DETERMINED AND THE COSTS ASSOCIATED WITH THAT PLAN WERE ESTIMATED TO EXCEED \$50,000. AFTER FURTHER INVESTIGATION, IT WAS DETERMINED THAT THE VALVE WAS EXPOSED TO AMBIENT TEMPERATURE, CAUSING THERMAL PRESSURE BUILDUP WITHIN THE BODY OF THE VALVE. THE VALVE DID NOT CONTAIN A PRESSURE RELIEF SYSTEM, THEREFORE THE THERMAL PRESSURE BUILDUP CAUSED THE VALVE BODY TO LEAK AT THE BONNET, RELEASING A SMALL AMOUNT OF PRODUCT. FUTURE LINE 2 HYDROTEST PREPARATION DIGS INVOLVING VALVES WITHOUT A PRESSURE RELIEF SYSTEM WILL BE SHADED EITHER BY A TENT OVER THE VALVE OR WRAPPING WITH AN INSULATING MATERIAL. THE SMALL AMOUNT OF CONTAMINATED SOIL WILL BE MANAGED ONSITE AT THE ENBRIDGE CLEARBROOK MINNESOTA TERMINAL.

11/09/2015	DAKOTA county, MN	0	0	\$252,687.00	C	C
Name of Operator:	MAGELLAN PIPELINE COMPANY, LP					
Operator ID:	22610	NRC ID:	20150446			

Summary²

MNOPS case ID#50599718
From Operator's Incident Report:
While direction drilling and pulling back electrical conduit inside Magellan's Rosemount Tank farm facility, the reamer nicked the bottom of the line serving Tank #42, which released product to the soil. The damaged pipe was cut out and replaced with approximately 4 feet of new, pre-tested 12.75" O.D. by 0.375 wall API 5L X52 Grade pipe and the line was returned to service. Approximately 220 cubic yards of impacted soil was remediated.
Note: the puncture size was approximately 0.75" x 0.75". PART C, #6 of this report would not accept decimals and erroneously lists the puncture as 75" x 75".

11/09/2015	ITASCA county, MN	0	0	\$339,771.00	E	E
Name of Operator:	ENBRIDGE ENERGY, LIMITED PARTNERSHIP					
Operator ID:	11169	NRC ID:	20150448			

Summary²

MNOPS case ID#50600118

From Operator's Incident Report:

At approximately 8:00 AM on November 9, 2015, a contractor discovered approximately 3 ounces of oil weeping from the Line 2 valve at MP 1005.31 near Cohasset, MN. The oil was wiped up and the Control Center was notified of the situation. Due to the valve not actively leaking, Line 2 continued to operate and the valve was closely monitored. While the valve was being monitored, multiple discussions with Enbridge SME's and the valve manufacturer took place to discuss repair options. Once the final repair plan was decided upon, notification was made to the NRC as the cost for the repair would exceed the notification threshold. In order to safely inspect and repair the valve, stopple equipment was utilized for isolation. During inspection of the valve, it was found that the O-Ring required replacement due to exceeding its useful life. In addition to replacing the O-Ring, new bonnet studs and nuts were installed. There was no contaminated soil associated with this incident.

11/11/2015	DAKOTA county, MN	0	0	\$8,015.00	F	F
Name of Operator:	MAGELLAN PIPELINE COMPANY, LP					
Operator ID:	22610	NRC ID:	20150449			
Summary ²	<p>MNOPS case ID#141440454 No NRC Report was filed for this incident</p> <p>From Operator's Incident Report Submittal: The mainline pump seal failed at the Pine Bend Facility due to normal wear. The pipeline movement was shutdown when the seal failure was identified and the seal was promptly replaced. The pump was returned to service once the repair was made.</p>					

¹**Cause Codes: A - Corrosion failure; B - Natural Force Damage; C - Excavation Damage; D - Other Outside Force Damage; E - Pipe, Weld or Joint Failure; F - Equipment Failure; G - Incorrect Operation; H - Other Incident Cause**

²**Please attach a summary or report of the state agency's investigation of each of the above incidents.**

³**Interstate agents should use the 191.3 Incident definition for listing incidents investigated on interstate facilities.**

⁴**Significant: Investigated by or reported to the state agency, involving personal injury requiring hospitalization, fatality, property damage exceeding \$50,000 and other incidents otherwise considered significant which involved jurisdictional facilities.**

Attachment 4 Notes

Incidents verified with Pipeline Datamart and cross checked MNOPS database.

Attachment 5 - Stats on Compliance Actions

STATE COMPLIANCE ACTIONS -- CALENDAR YEAR (CY) 2015

Probable Violation Categories	Intrastate	Interstate
Number Carried over from previous CY (including carryover and long term)	5	0
Number Found During CY	1	0
Number submitted for DOT action [60106 Agreement agent only]	0	0
Number corrected during CY (including carry over from previous year)	2	0
Number to be corrected at end of CY (including carry over and long-term)	4	0

Number of Compliance Actions Taken ¹
(see definition) 2

Civil Penalties

Number assessed during CY	0
Dollars assessed during CY	\$0.00
Number collected during CY	0
Dollars collected during CY	\$0.00

¹Do not double count for a related series of actions.

Attachment 5 Notes

1. The 5 carried over Hazardous Liquid PV's are comprised of 5 CFR codes and 0 MS216D (One-Call).
2. The 2 Hazardous Liquid PVs found during CY are comprised of 2 CFR codes and 0 MS216D (One-Call).
3. The 2 Hazardous Liquid PV's corrected during CY are comprised of 2 CFR codes and 0 MS216D (One-Call).
4. The 5 Hazardous Liquid PV's to be corrected at end of CY are comprised of 5 CFR codes and 0 MS216D (One-Call).
5. The 2 compliance actions are comprised of 2 CFR codes and 0 MS216D (One-Call).
6. The 0 civil penalties (CP) assessed are comprised of 0 CFR codes and 0 MS216D (One-Call).
7. The \$0 CP assessed is comprised of \$0 CFR codes and \$0 MS216D (One-Call).

8. The 0 CP's collected are comprised of 0 CFR codes and 0 MS216D (One-Call).

9. The \$0 CP collected is comprised of \$0 CFR codes and \$0 MS216D (One-Call).



Attachment 6 - List of Records Kept

HAZARDOUS LIQUID STATE RECORD MAINTENANCE AND REPORTING DURING CY 2015

Records Maintained by the State Agency

1. Operator file. Contains incident reports from telephonic notices, inspection and investigation results, annual reports and general correspondence.
2. Operation and Maintenance Plan from each intrastate operator.
3. Computer database. Identifies vital information on each of the intrastate operators under the jurisdiction of this office. Sorts the type and number of enforcement actions. Organizes and reports information received from pipeline safety reports and investigations for trend analysis and inspection plan projections.

Reports Required from Operators

1. Telephonic Notice of Certain Accidents (195.50 and 195.52) through the State Duty Officer notification system.
2. Accident Reports - DOT Form 7000.1 (195.50, and 195.54)
3. Safety-Related Condition Reports and Filings (195.56)
4. Annual Report - DOT Form 7000.1.1 (195.49)

Attachment 6 Notes



Attachment 7 - Staffing and TQ Training

STATE EMPLOYEES DIRECTLY INVOLVED IN THE HAZARDOUS LIQUID PIPELINE SAFETY PROGRAM DURING CY 2015

Name/Title	% Time	# Months	Qual. Cat.
Supervisor			
Wolfgram, Jonathan C.			
Chief Engineer	18	12	I
Stansbury, Todd D.			
Principal Engineer	7	12	I
Cremin, Jeffrey			
Principal Engineer	7	12	I
Mendiola, Michael D.			
Principal Engineer	7	12	I
Inspector/Investigator			
Donovan, Patrick,			
Engineering Specialist Senior	13	12	II
Livshutz, Vica			
Engineering Specialist Senior	2	12	I
Blackwell, Jeff			
Senior Engineer	9	12	I
Schwarz, Sylvia			
Senior Engineer	19	12	I
Anderson, Claude			
Senior Engineer	8	12	I
Engebretsen, Olaf			
Engineering Specialist	10	12	II
Boyd, Ed			
Engineering Specialist	14	12	II
Hauger, Joseph			
Engineering Specialist Senior	11	12	III

Skalnek, Elizabeth Principal Engineer	72	12	I
Streeter, Kevin T. Senior Engineer	6	12	I
Coffman, Thomas Senior Engineer	11	12	III
Cremin, Jeffrey Principal Engineer	3	12	I
Mendiola, Michael D. Principal Engineer	2	12	I
Stansbury, Todd D. Principal Engineer	33	12	I
Damage Prevention/Technical			
Coffman, Thomas Senior Engineer	1	12	III
Engbretsen, Olaf Engineering Specialist	1	12	II
Mendiola, Michael D. Principal Engineer	2	12	I
Clerical and Administrative Support			
Mangan, Sean Research Analyst	18	12	NA
Voyer, Andrew Clerical Support	18	12	NA
Brommer, Susan Clerical Support	18	12	NA

Summary

<u>Employee Type</u>	<u>No. of Staff</u>	<u>Person-Years</u>
Supervisor	4	0.39
Inspectors/Investigators	14	2.13
Damage Prevention/Technical	3	0.04
Clerical/Administrative	3	0.54
Total	24	3.10

Last Name	First Name	Course	Completion Date
ANDERSON	CLAUDE	PHMSA-PL1245 Safety Evaluation of Distribution Integrity Management Programs (DIMP) Course	2014-04-25 00:00:00
ANDERSON	CLAUDE	PHMSA-PL1250 Safety Evaluation of Gas Pipeline Systems Course	2013-02-01 00:00:00
ANDERSON	CLAUDE	PHMSA-PL1255 Gas Pressure Regulation and Overpressure Protection Course	2014-04-03 00:00:00
ANDERSON	CLAUDE	PHMSA-PL1297 Gas Integrity Management (IM) Protocol Course	2015-09-18 00:00:00
ANDERSON	CLAUDE	PHMSA-PL1310 Plastic and Composite Materials Course	2013-08-30 00:00:00
ANDERSON	CLAUDE	PHMSA-PL2258 Safety Evaluation of Hazardous Liquid Pipeline Systems Course	2013-12-05 07:39:54
ANDERSON	CLAUDE	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2013-05-17 00:00:00
ANDERSON	CLAUDE	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2014-01-23 00:00:00
ANDERSON	CLAUDE	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2015-05-06 00:00:00
ANDERSON	CLAUDE	PHMSA-PL3242 Welding and Welding Inspection of Pipeline Materials Course	2013-03-08 00:00:00
ANDERSON	CLAUDE	PHMSA-PL3256 Pipeline Failure Investigation Techniques Course	2014-11-21 00:00:00
ANDERSON	CLAUDE	PHMSA-PL3257 Pipeline Safety Regulation Application and Compliance Procedures Course	2013-09-20 00:00:00

ANDERSON	CLAUDE	PHMSA-PL3267 Fundamentals of Integrity Management Course	2015-07-31 00:00:00
ANDERSON	CLAUDE	PHMSA-PL3275 General Pipeline Safety Awareness Course	2012-05-31 00:00:00
ANDERSON	CLAUDE	PHMSA-PL3292 Safety Evaluation of Inline Inspection (ILI)/Pigging Programs Course	2015-06-19 00:00:00
ANDERSON	CLAUDE	PHMSA-PL3293 Corrosion Control of Pipeline Systems Course	2013-04-26 00:00:00
ANDERSON	CLAUDE	PHMSA-PL3365 Public Awareness Program Effectiveness Evaluation (PAPEE) Seminar	2012-08-21 00:00:00
ANDERSON	CLAUDE	PHMSA-PL3IC - Investigating and Managing Internal Corrosion of Pipelines WBT Course	2013-02-27 21:34:07
ANDERSON	CLAUDE	PHMSA-PL30Q Operator Qualification WBT Course	2012-06-06 14:43:59
ARDNER	BRADLEY	PHMSA-PL1250 Safety Evaluation of Gas Pipeline Systems Course	1997-12-05 00:00:00
ARDNER	BRADLEY	PHMSA-PL1255 Gas Pressure Regulation and Overpressure Protection Course	1998-04-10 00:00:00
ARDNER	BRADLEY	PHMSA-PL1297 Gas Integrity Management (IM) Protocol Course	2006-04-06 00:00:00
ARDNER	BRADLEY	PHMSA-PL1310 Plastic and Composite Materials Course	1998-02-27 00:00:00
ARDNER	BRADLEY	PHMSA-PL2258 Safety Evaluation of Hazardous Liquid Pipeline Systems Course	1997-05-02 00:00:00
ARDNER	BRADLEY	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2008-12-04 12:48:00
ARDNER	BRADLEY	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2010-01-05 00:00:00
ARDNER	BRADLEY	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2011-02-04 00:00:00
ARDNER	BRADLEY	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2011-11-18 00:00:00
ARDNER	BRADLEY	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2012-11-06 00:00:00
ARDNER	BRADLEY	PHMSA-PL2288 Safety Evaluation of Breakout Tanks Course	2008-08-22 00:00:00
ARDNER	BRADLEY	PHMSA-PL2294 Safety Evaluation of Hazardous Liquid Pipeline (IM) Programs Course	2002-08-09 00:00:00

ARDNER	BRADLEY	PHMSA-PL3242 Welding and Welding Inspection of Pipeline Materials Course	1998-02-27 00:00:00
ARDNER	BRADLEY	PHMSA-PL3251 Safety Evaluation of Pipeline Corrosion Control Systems I	1999-02-11 00:00:00
ARDNER	BRADLEY	PHMSA-PL3252 Safety Evaluation of Pipeline Corrosion Control Systems II	1999-04-23 00:00:00
ARDNER	BRADLEY	PHMSA-PL3254 Joining of Pipeline Materials Course	1998-02-27 00:00:00
ARDNER	BRADLEY	PHMSA-PL3256 Pipeline Failure Investigation Techniques Course	1997-08-01 00:00:00
ARDNER	BRADLEY	PHMSA-PL3257 Pipeline Safety Regulation Application and Compliance Procedures Course	1998-07-31 00:00:00
ARDNER	BRADLEY	PHMSA-PL3267 Fundamentals of Integrity Management Course	2007-09-26 00:00:00
ARDNER	BRADLEY	PHMSA-PL3291 Fundamentals of (SCADA) System Technology and Operation Course	2005-08-05 00:00:00
ARDNER	BRADLEY	PHMSA-PL3292 Safety Evaluation of Inline Inspection (ILI)/Pigging Programs Course	2003-12-12 00:00:00
ARDNER	BRADLEY	PHMSA-PL3293 Corrosion Control of Pipeline Systems Course	1999-04-23 09:20:00
ARDNER	BRADLEY	PHMSA-PL3295 Pipeline Welding Inspection Course	1998-03-27 15:33:00
ARDNER	BRADLEY	PHMSA-PL3296 Pipeline Reliability Assessment Seminar	2007-09-26 00:00:00
ARDNER	BRADLEY	PHMSA-PL3306 External Corrosion Direct Assessment (ECDA) Field Course	2009-03-26 00:00:00
ARDNER	BRADLEY	PHMSA-PL3311 Assessment Evaluation for Operator Qualification (OQ) Seminar	2010-09-29 00:00:00
ARDNER	BRADLEY	PHMSA-PL3322 Evaluation of Operator Qualification (OQ) Programs Course	2010-09-29 00:00:00
ARDNER	BRADLEY	PHMSA-PL3IC - Investigating and Managing Internal Corrosion of Pipelines WBT Course	2005-05-20 13:14:00
ARDNER	BRADLEY	PHMSA-PL3OQ Operator Qualification WBT Course	2003-12-26 00:00:00
ARDNER	BRADLEY	PHMSA-PL4253 Liquefied Gas (LNG) Safety Technology and Inspection Course	2000-01-28 00:00:00
BLACKWELL	JEFF	PHMSA-PL1245 Safety Evaluation of Distribution Integrity Management Programs (DIMP) Course	2014-10-17 00:00:00

BLACKWELL	JEFF	PHMSA-PL1250 Safety Evaluation of Gas Pipeline Systems Course	2013-02-01 00:00:00
BLACKWELL	JEFF	PHMSA-PL1255 Gas Pressure Regulation and Overpressure Protection Course	2014-04-03 00:00:00
BLACKWELL	JEFF	PHMSA-PL1297 Gas Integrity Management (IM) Protocol Course	2015-09-18 00:00:00
BLACKWELL	JEFF	PHMSA-PL1310 Plastic and Composite Materials Course	2013-08-30 00:00:00
BLACKWELL	JEFF	PHMSA-PL2258 Safety Evaluation of Hazardous Liquid Pipeline Systems Course	2013-12-05 07:39:54
BLACKWELL	JEFF	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2013-05-17 00:00:00
BLACKWELL	JEFF	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2014-01-23 00:00:00
BLACKWELL	JEFF	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2015-05-06 00:00:00
BLACKWELL	JEFF	PHMSA-PL2288 Safety Evaluation of Breakout Tanks Course	2014-05-02 00:00:00
BLACKWELL	JEFF	PHMSA-PL3242 Welding and Welding Inspection of Pipeline Materials Course	2013-03-08 00:00:00
BLACKWELL	JEFF	PHMSA-PL3256 Pipeline Failure Investigation Techniques Course	2014-08-15 00:00:00
BLACKWELL	JEFF	PHMSA-PL3257 Pipeline Safety Regulation Application and Compliance Procedures Course	2013-09-20 00:00:00
BLACKWELL	JEFF	PHMSA-PL3267 Fundamentals of Integrity Management Course	2015-07-31 00:00:00
BLACKWELL	JEFF	PHMSA-PL3275 General Pipeline Safety Awareness Course	2012-05-31 00:00:00
BLACKWELL	JEFF	PHMSA-PL3291 Fundamentals of (SCADA) System Technology and Operation Course	2015-02-13 00:00:00
BLACKWELL	JEFF	PHMSA-PL3292 Safety Evaluation of Inline Inspection (ILI)/Pigging Programs Course	2015-06-19 00:00:00
BLACKWELL	JEFF	PHMSA-PL3293 Corrosion Control of Pipeline Systems Course	2013-04-26 00:00:00
BLACKWELL	JEFF	PHMSA-PL3355 Safety Evaluation of Control Room Management Programs	2015-11-20 00:00:00
BLACKWELL	JEFF	PHMSA-PL3365 Public Awareness Program Effectiveness Evaluation (PAPEE) Seminar	2012-09-12 00:00:00

BLACKWELL	JEFF	PHMSA-PL3IC - Investigating and Managing Internal Corrosion of Pipelines WBT Course	2013-03-21 16:37:52
BLACKWELL	JEFF	PHMSA-PL30Q Operator Qualification WBT Course	2012-06-07 17:42:35
BLACKWELL	JEFF	PHMSA-PL4253 Liquefied Natural Gas (LNG) Safety Technology and Inspection Course	2015-02-27 00:00:00
BOYD	EDWARD	PHMSA-PL1245 Safety Evaluation of Distribution Integrity Management Programs (DIMP) Course	2015-04-23 00:00:00
BOYD	EDWARD	PHMSA-PL1250 Safety Evaluation of Gas Pipeline Systems Course	2014-05-16 00:00:00
BOYD	EDWARD	PHMSA-PL1255 Gas Pressure Regulation and Overpressure Protection Course	2014-05-22 00:00:00
BOYD	EDWARD	PHMSA-PL1310 Plastic and Composite Materials Course	2014-06-13 00:00:00
BOYD	EDWARD	PHMSA-PL2258 Safety Evaluation of Hazardous Liquid Pipeline Systems Course	2015-05-15 00:00:00
BOYD	EDWARD	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2014-01-23 00:00:00
BOYD	EDWARD	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2015-05-06 00:00:00
BOYD	EDWARD	PHMSA-PL3242 Welding and Welding Inspection of Pipeline Materials Course	2014-11-07 00:00:00
BOYD	EDWARD	PHMSA-PL3256 Pipeline Failure Investigation Techniques Course	2014-08-15 00:00:00
BOYD	EDWARD	PHMSA-PL3257 Pipeline Safety Regulation Application and Compliance Procedures Course	2015-03-13 00:00:00
BOYD	EDWARD	PHMSA-PL3275 General Pipeline Safety Awareness Course	2013-08-01 00:00:00
BOYD	EDWARD	PHMSA-PL3293 Corrosion Control of Pipeline Systems Course	2014-07-18 00:00:00
BOYD	EDWARD	PHMSA-PL3IC - Investigating and Managing Internal Corrosion of Pipelines WBT Course	2014-07-07 19:33:56
CHRISTENSEN	DANIEL	PHMSA-PL1250 Safety Evaluation of Gas Pipeline Systems Course	2010-12-10 00:00:00
CHRISTENSEN	DANIEL	PHMSA-PL1255 Gas Pressure Regulation and Overpressure Protection Course	2012-05-17 00:00:00
CHRISTENSEN	DANIEL	PHMSA-PL1310 Plastic and Composite Materials Course	2010-07-30 00:00:00



CHRISTENSEN	DANIEL	PHMSA-PL2258 Safety Evaluation of Hazardous Liquid Pipeline Systems Course	2011-08-05 19:49:52
CHRISTENSEN	DANIEL	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2011-01-21 00:00:00
CHRISTENSEN	DANIEL	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2011-12-02 00:00:00
CHRISTENSEN	DANIEL	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2012-11-30 00:00:00
CHRISTENSEN	DANIEL	PHMSA-PL3242 Welding and Welding Inspection of Pipeline Materials Course	2010-07-30 00:00:00
CHRISTENSEN	DANIEL	PHMSA-PL3254 Joining of Pipeline Materials Course	2010-07-30 19:12:32
CHRISTENSEN	DANIEL	PHMSA-PL3256 Pipeline Failure Investigation Techniques Course	2011-02-11 21:40:15
CHRISTENSEN	DANIEL	PHMSA-PL3257 Pipeline Safety Regulation Application and Compliance Procedures Course	2012-08-03 00:00:00
CHRISTENSEN	DANIEL	PHMSA-PL3275 General Pipeline Safety Awareness Course	2010-03-31 00:00:00
CHRISTENSEN	DANIEL	PHMSA-PL3291 Fundamentals of (SCADA) System Technology and Operation Course	2012-01-13 17:00:01
CHRISTENSEN	DANIEL	PHMSA-PL3293 Corrosion Control of Pipeline Systems Course	2010-08-13 20:30:14
CHRISTENSEN	DANIEL	PHMSA-PL3355 Safety Evaluation of Control Room Management Programs	2011-08-26 00:00:00
CHRISTENSEN	DANIEL	PHMSA-PL3365 Public Awareness Program Effectiveness Evaluation (PAPEE) Seminar	2012-08-17 00:00:00
CHRISTENSEN	DANIEL	PHMSA-PL3600 Root Cause/Incident Investigation Course	2011-07-29 00:00:00
CHRISTENSEN	DANIEL	PHMSA-PL3IC - Investigating and Managing Internal Corrosion of Pipelines WBT Course	2010-05-05 10:26:00
CHRISTENSEN	DANIEL	PHMSA-PL30Q Operator Qualification WBT Course	2010-04-07 09:52:00
COFFMAN	THOMAS	PHMSA-PL1250 Safety Evaluation of Gas Pipeline Systems Course	2015-02-06 00:00:00
COFFMAN	THOMAS	PHMSA-PL1310 Plastic and Composite Materials Course	2015-08-07 00:00:00
COFFMAN	THOMAS	PHMSA-PL3IC - Investigating and Managing Internal Corrosion of Pipelines WBT Course	2015-04-01 13:40:07

COFFMAN	THOMAS	PHMSA-PL30Q Operator Qualification WBT Course	2015-04-06 17:40:57
CREMIN	JEFFREY	PHMSA-PL1245 Safety Evaluation of Distribution Integrity Management Programs (DIMP) Course	2013-08-29 00:00:00
CREMIN	JEFFREY	PHMSA-PL1250 Safety Evaluation of Gas Pipeline Systems Course	2011-11-04 21:07:20
CREMIN	JEFFREY	PHMSA-PL1255 Gas Pressure Regulation and Overpressure Protection Course	2013-04-18 00:00:00
CREMIN	JEFFREY	PHMSA-PL1297 Gas Integrity Management (IM) Protocol Course	2013-01-11 00:00:00
CREMIN	JEFFREY	PHMSA-PL1310 Plastic and Composite Materials Course	2012-06-08 19:50:35
CREMIN	JEFFREY	PHMSA-PL2258 Safety Evaluation of Hazardous Liquid Pipeline Systems Course	2011-12-09 00:00:00
CREMIN	JEFFREY	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2012-03-09 00:00:00
CREMIN	JEFFREY	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2013-06-28 00:00:00
CREMIN	JEFFREY	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2014-01-23 00:00:00
CREMIN	JEFFREY	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2015-05-06 00:00:00
CREMIN	JEFFREY	PHMSA-PL2288 Safety Evaluation of Breakout Tanks Course	2014-05-02 00:00:00
CREMIN	JEFFREY	PHMSA-PL2294 Safety Evaluation of Hazardous Liquid Pipeline (IM) Programs Course	2014-05-16 00:00:00
CREMIN	JEFFREY	PHMSA-PL3242 Welding and Welding Inspection of Pipeline Materials Course	2013-02-08 00:00:00
CREMIN	JEFFREY	PHMSA-PL3256 Pipeline Failure Investigation Techniques Course	2012-07-20 19:38:52
CREMIN	JEFFREY	PHMSA-PL3257 Pipeline Safety Regulation Application and Compliance Procedures Course	2013-03-15 00:00:00
CREMIN	JEFFREY	PHMSA-PL3267 Fundamentals of Integrity Management Course	2012-12-14 19:02:36
CREMIN	JEFFREY	PHMSA-PL3275 General Pipeline Safety Awareness Course	2011-06-02 00:00:00
CREMIN	JEFFREY	PHMSA-PL3291 Fundamentals of (SCADA) System Technology and Operation Course	2014-03-07 00:00:00

CREMIN	JEFFREY	PHMSA-PL3292 Safety Evaluation of Inline Inspection (ILI)/Pigging Programs Course	2014-06-20 00:00:00
CREMIN	JEFFREY	PHMSA-PL3293 Corrosion Control of Pipeline Systems Course	2012-05-25 19:20:21
CREMIN	JEFFREY	PHMSA-PL3306 External Corrosion Direct Assessment (ECDA) Field Course	2014-09-19 00:00:00
CREMIN	JEFFREY	PHMSA-PL3322 Evaluation of Operator Qualification (OQ) Programs Course	2015-08-06 00:00:00
CREMIN	JEFFREY	PHMSA-PL3355 Safety Evaluation of Control Room Management Programs	2015-11-20 00:00:00
CREMIN	JEFFREY	PHMSA-PL3365 Public Awareness Program Effectiveness Evaluation (PAPEE) Seminar	2012-09-06 00:00:00
CREMIN	JEFFREY	PHMSA-PL3600 Root Cause/Incident Investigation Course	2012-05-11 00:00:00
CREMIN	JEFFREY	PHMSA-PL3IC - Investigating and Managing Internal Corrosion of Pipelines WBT Course	2011-08-05 15:32:28
CREMIN	JEFFREY	PHMSA-PL3OQ Operator Qualification WBT Course	2011-06-24 20:14:07
CREMIN	JEFFREY	PHMSA-PL4253 Liquefied Gas (LNG) Safety Technology and Inspection Course	2013-04-05 00:00:00
DONOVAN	PATRICK	PHMSA-PL1245 Safety Evaluation of Distribution Integrity Management Programs (DIMP) Course	2013-08-29 00:00:00
DONOVAN	PATRICK	PHMSA-PL1250 Safety Evaluation of Gas Pipeline Systems Course	1995-10-20 00:00:00
DONOVAN	PATRICK	PHMSA-PL1250 Safety Evaluation of Gas Pipeline Systems Course	2003-08-22 00:00:00
DONOVAN	PATRICK	PHMSA-PL1255 Gas Pressure Regulation and Overpressure Protection Course	1997-04-25 00:00:00
DONOVAN	PATRICK	PHMSA-PL1297 Gas Integrity Management (IM) Protocol Course	2007-10-19 00:00:00
DONOVAN	PATRICK	PHMSA-PL1310 Plastic and Composite Materials Course	1997-08-08 00:00:00
DONOVAN	PATRICK	PHMSA-PL2258 Safety Evaluation of Hazardous Liquid Pipeline Systems Course	1997-05-02 00:00:00
DONOVAN	PATRICK	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2008-10-07 09:18:00
DONOVAN	PATRICK	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2010-01-08 00:00:00

DONOVAN	PATRICK	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2010-11-29 00:00:00
DONOVAN	PATRICK	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2011-10-18 00:00:00
DONOVAN	PATRICK	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2013-01-24 00:00:00
DONOVAN	PATRICK	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2014-01-28 00:00:00
DONOVAN	PATRICK	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2015-01-29 00:00:00
DONOVAN	PATRICK	PHMSA-PL2288 Safety Evaluation of Breakout Tanks Course	2010-04-30 00:00:00
DONOVAN	PATRICK	PHMSA-PL2294 Safety Evaluation of Hazardous Liquid Pipeline (IM) Programs Course	2002-10-18 00:00:00
DONOVAN	PATRICK	PHMSA-PL3242 Welding and Welding Inspection of Pipeline Materials Course	1997-08-08 00:00:00
DONOVAN	PATRICK	PHMSA-PL3251 Safety Evaluation of Pipeline Corrosion Control Systems I	1997-02-28 00:00:00
DONOVAN	PATRICK	PHMSA-PL3252 Safety Evaluation of Pipeline Corrosion Control Systems II	1997-03-21 00:00:00
DONOVAN	PATRICK	PHMSA-PL3254 Joining of Pipeline Materials Course	1997-08-08 00:00:00
DONOVAN	PATRICK	PHMSA-PL3256 Pipeline Failure Investigation Techniques Course	1996-06-21 00:00:00
DONOVAN	PATRICK	PHMSA-PL3257 Pipeline Safety Regulation Application and Compliance Procedures Course	1997-06-20 00:00:00
DONOVAN	PATRICK	PHMSA-PL3267 Fundamentals of Integrity Management Course	2009-06-24 00:00:00
DONOVAN	PATRICK	PHMSA-PL3291 Fundamentals of (SCADA) System Technology and Operation Course	2006-08-11 00:00:00
DONOVAN	PATRICK	PHMSA-PL3292 Safety Evaluation of Inline Inspection (ILI)/Pigging Programs Course	2005-06-17 00:00:00
DONOVAN	PATRICK	PHMSA-PL3293 Corrosion Control of Pipeline Systems Course	1997-03-21 10:29:00
DONOVAN	PATRICK	PHMSA-PL3296 Pipeline Reliability Assessment Seminar	2009-06-24 00:00:00
DONOVAN	PATRICK	PHMSA-PL3306 External Corrosion Direct Assessment (ECDA) Field Course	2009-03-26 00:00:00



DONOVAN	PATRICK	PHMSA-PL3311 Assessment Evaluation for Operator Qualification (OQ) Seminar	2010-09-29 00:00:00
DONOVAN	PATRICK	PHMSA-PL3322 Evaluation of Operator Qualification (OQ) Programs Course	2010-09-29 00:00:00
DONOVAN	PATRICK	PHMSA-PL3365 Public Awareness Program Effectiveness Evaluation (PAPEE) Seminar	2012-09-12 00:00:00
DONOVAN	PATRICK	PHMSA-PL3IC - Investigating and Managing Internal Corrosion of Pipelines WBT Course	2005-11-09 09:44:00
DONOVAN	PATRICK	PHMSA-PL3OQ Operator Qualification WBT Course	2003-12-23 00:00:00
DONOVAN	PATRICK	PHMSA-PL4253 Liquefied Gas (LNG) Safety Technology and Inspection Course	1997-01-31 00:00:00
ENGBRETSON	OLAF	PHMSA-PL1245 Safety Evaluation of Distribution Integrity Management Programs (DIMP) Course	2015-04-23 00:00:00
ENGBRETSON	OLAF	PHMSA-PL1255 Gas Pressure Regulation and Overpressure Protection Course	2015-03-05 00:00:00
ENGBRETSON	OLAF	PHMSA-PL1310 Plastic and Composite Materials Course	2014-09-26 00:00:00
ENGBRETSON	OLAF	PHMSA-PL2258 Safety Evaluation of Hazardous Liquid Pipeline Systems Course	2015-05-15 00:00:00
ENGBRETSON	OLAF	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2014-01-23 00:00:00
ENGBRETSON	OLAF	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2015-05-06 00:00:00
ENGBRETSON	OLAF	PHMSA-PL3242 Welding and Welding Inspection of Pipeline Materials Course	2014-01-17 00:00:00
ENGBRETSON	OLAF	PHMSA-PL3256 Pipeline Failure Investigation Techniques Course	2014-08-15 00:00:00
ENGBRETSON	OLAF	PHMSA-PL3257 Pipeline Safety Regulation Application and Compliance Procedures Course	2014-03-21 00:00:00
ENGBRETSON	OLAF	PHMSA-PL3275 General Pipeline Safety Awareness Course	2013-08-01 00:00:00
ENGBRETSON	OLAF	PHMSA-PL3293 Corrosion Control of Pipeline Systems Course	2014-07-18 00:00:00
ENGBRETSON	OLAF	PHMSA-PL3306 External Corrosion Direct Assessment (ECDA) Field Course	2015-08-14 00:00:00
ENGBRETSON	OLAF	PHMSA-PL3OQ Operator Qualification WBT Course	2015-08-07 12:00:40

HAUGER	JOSEPH	PHMSA-PL1250 Safety Evaluation of Gas Pipeline Systems Course	2015-02-06 00:00:00
HAUGER	JOSEPH	PHMSA-PL1310 Plastic and Composite Materials Course	2015-08-07 00:00:00
HAUGER	JOSEPH	PHMSA-PL2258 Safety Evaluation of Hazardous Liquid Pipeline Systems Course	2015-05-15 00:00:00
HAUGER	JOSEPH	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2015-04-01 00:00:00
HAUGER	JOSEPH	PHMSA-PL3242 Welding and Welding Inspection of Pipeline Materials Course	2015-10-30 00:00:00
HAUGER	JOSEPH	PHMSA-PL3256 Pipeline Failure Investigation Techniques Course	2015-08-21 00:00:00
HAUGER	JOSEPH	PHMSA-PL3257 Pipeline Safety Regulation Application and Compliance Procedures Course	2015-11-20 00:00:00
HAUGER	JOSEPH	PHMSA-PL30Q Operator Qualification WBT Course	2015-10-12 11:44:45
LIVSHUTZ	VICA	PHMSA-PL1245 Safety Evaluation of Distribution Integrity Management Programs (DIMP) Course	2013-01-25 00:00:00
LIVSHUTZ	VICA	PHMSA-PL1250 Safety Evaluation of Gas Pipeline Systems Course	1991-01-18 00:00:00
LIVSHUTZ	VICA	PHMSA-PL1250 Safety Evaluation of Gas Pipeline Systems Course	2001-08-17 00:00:00
LIVSHUTZ	VICA	PHMSA-PL1255 Gas Pressure Regulation and Overpressure Protection Course	1991-02-15 00:00:00
LIVSHUTZ	VICA	PHMSA-PL1297 Gas Integrity Management (IM) Protocol Course	2007-10-19 00:00:00
LIVSHUTZ	VICA	PHMSA-PL1310 Plastic and Composite Materials Course	1991-03-08 00:00:00
LIVSHUTZ	VICA	PHMSA-PL2258 Safety Evaluation of Hazardous Liquid Pipeline Systems Course	1991-09-27 00:00:00
LIVSHUTZ	VICA	PHMSA-PL2258 Safety Evaluation of Hazardous Liquid Pipeline Systems Course	1998-06-19 00:00:00
LIVSHUTZ	VICA	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2008-12-04 13:29:00
LIVSHUTZ	VICA	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2009-12-29 00:00:00
LIVSHUTZ	VICA	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2011-12-02 00:00:00

LIVSHUTZ	VICA	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2012-10-12 00:00:00
LIVSHUTZ	VICA	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2014-01-23 00:00:00
LIVSHUTZ	VICA	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2015-05-06 00:00:00
LIVSHUTZ	VICA	PHMSA-PL2288 Safety Evaluation of Breakout Tanks Course	2010-04-30 00:00:00
LIVSHUTZ	VICA	PHMSA-PL2294 Safety Evaluation of Hazardous Liquid Pipeline (IM) Programs Course	2005-05-12 00:00:00
LIVSHUTZ	VICA	PHMSA-PL3242 Welding and Welding Inspection of Pipeline Materials Course	1991-03-08 00:00:00
LIVSHUTZ	VICA	PHMSA-PL3251 Safety Evaluation of Pipeline Corrosion Control Systems I	1991-05-17 00:00:00
LIVSHUTZ	VICA	PHMSA-PL3251 Safety Evaluation of Pipeline Corrosion Control Systems I	1998-02-27 00:00:00
LIVSHUTZ	VICA	PHMSA-PL3252 Safety Evaluation of Pipeline Corrosion Control Systems II	1991-05-24 00:00:00
LIVSHUTZ	VICA	PHMSA-PL3254 Joining of Pipeline Materials Course	1991-03-08 00:00:00
LIVSHUTZ	VICA	PHMSA-PL3254 Joining of Pipeline Materials Course	2001-06-15 00:00:00
LIVSHUTZ	VICA	PHMSA-PL3256 Pipeline Failure Investigation Techniques Course	1991-07-26 00:00:00
LIVSHUTZ	VICA	PHMSA-PL3256 Pipeline Failure Investigation Techniques Course	2003-05-02 00:00:00
LIVSHUTZ	VICA	PHMSA-PL3257 Pipeline Safety Regulation Application and Compliance Procedures Course	1991-08-09 00:00:00
LIVSHUTZ	VICA	PHMSA-PL3257 Pipeline Safety Regulation Application and Compliance Procedures Course	2004-05-14 00:00:00
LIVSHUTZ	VICA	PHMSA-PL3292 Safety Evaluation of Inline Inspection (ILI)/Pigging Programs Course	2009-06-05 00:00:00
LIVSHUTZ	VICA	PHMSA-PL3293 Corrosion Control of Pipeline Systems Course	1991-05-24 10:48:00
LIVSHUTZ	VICA	PHMSA-PL3365 Public Awareness Program Effectiveness Evaluation (PAPEE) Seminar	2012-09-24 00:00:00
LIVSHUTZ	VICA	PHMSA-PL3IC - Investigating and Managing Internal Corrosion of Pipelines WBT Course	2011-02-28 18:56:13

LIVSHUTZ	VICA	PHMSA-PL30Q Operator Qualification WBT Course	2003-12-19 00:00:00
LIVSHUTZ	VICA	PHMSA-PL4253 Liquefied Gas (LNG) Safety Technology and Inspection Course	1991-01-11 00:00:00
MENDIOLA	MICHAEL	PHMSA-PL1245 Safety Evaluation of Distribution Integrity Management Programs (DIMP) Course	2014-10-17 00:00:00
MENDIOLA	MICHAEL	PHMSA-PL1250 Safety Evaluation of Gas Pipeline Systems Course	2011-09-02 00:00:00
MENDIOLA	MICHAEL	PHMSA-PL1255 Gas Pressure Regulation and Overpressure Protection Course	2013-09-19 00:00:00
MENDIOLA	MICHAEL	PHMSA-PL1297 Gas Integrity Management (IM) Protocol Course	2015-09-18 00:00:00
MENDIOLA	MICHAEL	PHMSA-PL1310 Plastic and Composite Materials Course	2014-06-13 00:00:00
MENDIOLA	MICHAEL	PHMSA-PL2258 Safety Evaluation of Hazardous Liquid Pipeline Systems Course	2011-08-05 19:49:53
MENDIOLA	MICHAEL	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2011-12-02 00:00:00
MENDIOLA	MICHAEL	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2012-11-30 00:00:00
MENDIOLA	MICHAEL	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2014-01-23 00:00:00
MENDIOLA	MICHAEL	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2015-05-06 00:00:00
MENDIOLA	MICHAEL	PHMSA-PL3242 Welding and Welding Inspection of Pipeline Materials Course	2013-02-08 00:00:00
MENDIOLA	MICHAEL	PHMSA-PL3256 Pipeline Failure Investigation Techniques Course	2012-07-20 19:38:52
MENDIOLA	MICHAEL	PHMSA-PL3257 Pipeline Safety Regulation Application and Compliance Procedures Course	2012-08-03 00:00:00
MENDIOLA	MICHAEL	PHMSA-PL3267 Fundamentals of Integrity Management Course	2014-10-24 00:00:00
MENDIOLA	MICHAEL	PHMSA-PL3275 General Pipeline Safety Awareness Course	2011-01-27 00:00:00
MENDIOLA	MICHAEL	PHMSA-PL3291 Fundamentals of (SCADA) System Technology and Operation Course	2012-01-13 17:00:02
MENDIOLA	MICHAEL	PHMSA-PL3292 Safety Evaluation of Inline Inspection (ILI)/Pigging Programs Course	2015-06-19 00:00:00

MENDIOLA	MICHAEL	PHMSA-PL3293 Corrosion Control of Pipeline Systems Course	2013-04-26 00:00:00
MENDIOLA	MICHAEL	PHMSA-PL3306 External Corrosion Direct Assessment (ECDA) Field Course	2015-07-31 00:00:00
MENDIOLA	MICHAEL	PHMSA-PL3365 Public Awareness Program Effectiveness Evaluation (PAPEE) Seminar	2012-08-26 00:00:00
MENDIOLA	MICHAEL	PHMSA-PL3600 Root Cause/Incident Investigation Course	2012-05-11 00:00:00
MENDIOLA	MICHAEL	PHMSA-PL3IC - Investigating and Managing Internal Corrosion of Pipelines WBT Course	2011-03-02 17:30:04
MENDIOLA	MICHAEL	PHMSA-PL30Q Operator Qualification WBT Course	2011-03-07 21:01:13
MENDIOLA	MICHAEL	PHMSA-PL4253 Liquefied Natural Gas (LNG) Safety Technology and Inspection Course	2015-02-27 00:00:00
MURRAY	JEFF	PHMSA-PL1245 Safety Evaluation of Distribution Integrity Management Programs (DIMP) Course	2011-06-22 00:00:00
MURRAY	JEFF	PHMSA-PL1250 Safety Evaluation of Gas Pipeline Systems Course	2009-11-20 00:00:00
MURRAY	JEFF	PHMSA-PL1255 Gas Pressure Regulation and Overpressure Protection Course	2011-04-21 00:00:00
MURRAY	JEFF	PHMSA-PL1297 Gas Integrity Management (IM) Protocol Course	2013-01-11 00:00:00
MURRAY	JEFF	PHMSA-PL1310 Plastic and Composite Materials Course	2010-03-19 00:00:00
MURRAY	JEFF	PHMSA-PL2258 Safety Evaluation of Hazardous Liquid Pipeline Systems Course	2010-09-17 00:00:00
MURRAY	JEFF	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2011-03-15 00:00:00
MURRAY	JEFF	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2012-01-27 00:00:00
MURRAY	JEFF	PHMSA-PL2288 Safety Evaluation of Breakout Tanks Course	2011-09-30 15:27:53
MURRAY	JEFF	PHMSA-PL3242 Welding and Welding Inspection of Pipeline Materials Course	2010-03-19 00:00:00
MURRAY	JEFF	PHMSA-PL3254 Joining of Pipeline Materials Course	2010-03-19 00:00:00
MURRAY	JEFF	PHMSA-PL3256 Pipeline Failure Investigation Techniques Course	2011-02-11 21:40:15

MURRAY	JEFF	PHMSA-PL3257 Pipeline Safety Regulation Application and Compliance Procedures Course	2011-03-25 18:59:09
MURRAY	JEFF	PHMSA-PL3267 Fundamentals of Integrity Management Course	2012-12-07 00:00:00
MURRAY	JEFF	PHMSA-PL3275 General Pipeline Safety Awareness Course	2009-07-01 00:00:00
MURRAY	JEFF	PHMSA-PL3291 Fundamentals of (SCADA) System Technology and Operation Course	2012-01-13 17:00:01
MURRAY	JEFF	PHMSA-PL3292 Safety Evaluation of Inline Inspection (ILI)/Pigging Programs Course	2012-06-08 00:00:00
MURRAY	JEFF	PHMSA-PL3293 Corrosion Control of Pipeline Systems Course	2010-06-18 00:00:00
MURRAY	JEFF	PHMSA-PL3311 Assessment Evaluation for Operator Qualification (OQ) Seminar	2010-09-29 00:00:00
MURRAY	JEFF	PHMSA-PL3322 Evaluation of Operator Qualification (OQ) Programs Course	2010-09-29 00:00:00
MURRAY	JEFF	PHMSA-PL3355 Safety Evaluation of Control Room Management Programs	2011-08-12 00:00:00
MURRAY	JEFF	PHMSA-PL3365 Public Awareness Program Effectiveness Evaluation (PAPEE) Seminar	2012-08-17 00:00:00
MURRAY	JEFF	PHMSA-PL3600 Root Cause/Incident Investigation Course	2011-07-29 00:00:00
MURRAY	JEFF	PHMSA-PL3IC - Investigating and Managing Internal Corrosion of Pipelines WBT Course	2009-10-26 12:34:00
MURRAY	JEFF	PHMSA-PL3OQ Operator Qualification WBT Course	2009-07-27 15:30:00
MURRAY	JEFF	PHMSA-PL4253 Liquefied Gas (LNG) Safety Technology and Inspection Course	2011-01-28 17:56:38
SCHWARZ	SYLVIA	PHMSA-PL1245 Safety Evaluation of Distribution Integrity Management Programs (DIMP) Course	2014-10-17 00:00:00
SCHWARZ	SYLVIA	PHMSA-PL1250 Safety Evaluation of Gas Pipeline Systems Course	2012-09-28 00:00:00
SCHWARZ	SYLVIA	PHMSA-PL1255 Gas Pressure Regulation and Overpressure Protection Course	2013-09-19 00:00:00
SCHWARZ	SYLVIA	PHMSA-PL1297 Gas Integrity Management (IM) Protocol Course	2014-08-22 00:00:00
SCHWARZ	SYLVIA	PHMSA-PL1310 Plastic and Composite Materials Course	2014-06-13 00:00:00



SCHWARZ	SYLVIA	PHMSA-PL2258 Safety Evaluation of Hazardous Liquid Pipeline Systems Course	2013-12-05 07:41:12
SCHWARZ	SYLVIA	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2014-01-23 00:00:00
SCHWARZ	SYLVIA	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2015-04-01 00:00:00
SCHWARZ	SYLVIA	PHMSA-PL3242 Welding and Welding Inspection of Pipeline Materials Course	2013-10-25 21:10:31
SCHWARZ	SYLVIA	PHMSA-PL3256 Pipeline Failure Investigation Techniques Course	2013-05-03 00:00:00
SCHWARZ	SYLVIA	PHMSA-PL3257 Pipeline Safety Regulation Application and Compliance Procedures Course	2013-03-15 00:00:00
SCHWARZ	SYLVIA	PHMSA-PL3267 Fundamentals of Integrity Management Course	2014-07-25 00:00:00
SCHWARZ	SYLVIA	PHMSA-PL3291 Fundamentals of (SCADA) System Technology and Operation Course	2015-02-13 00:00:00
SCHWARZ	SYLVIA	PHMSA-PL3292 Safety Evaluation of Inline Inspection (ILI)/Pigging Programs Course	2015-06-19 00:00:00
SCHWARZ	SYLVIA	PHMSA-PL3293 Corrosion Control of Pipeline Systems Course	2013-03-29 00:00:00
SCHWARZ	SYLVIA	PHMSA-PL3306 External Corrosion Direct Assessment (ECDA) Field Course	2015-07-31 00:00:00
SCHWARZ	SYLVIA	PHMSA-PL3365 Public Awareness Program Effectiveness Evaluation (PAPEE) Seminar	2012-08-22 00:00:00
SCHWARZ	SYLVIA	PHMSA-PL3600 Root Cause/Incident Investigation Course	2015-05-01 00:00:00
SCHWARZ	SYLVIA	PHMSA-PL3IC - Investigating and Managing Internal Corrosion of Pipelines WBT Course	2012-10-15 17:49:12
SCHWARZ	SYLVIA	PHMSA-PL3OQ Operator Qualification WBT Course	2012-06-19 19:40:15
SKALNEK	ELIZABETH	PHMSA-PL1245 Safety Evaluation of Distribution Integrity Management Programs (DIMP) Course	2014-04-25 00:00:00
SKALNEK	ELIZABETH	PHMSA-PL1250 Safety Evaluation of Gas Pipeline Systems Course	2002-01-11 00:00:00
SKALNEK	ELIZABETH	PHMSA-PL1255 Gas Pressure Regulation and Overpressure Protection Course	2002-06-07 00:00:00
SKALNEK	ELIZABETH	PHMSA-PL1297 Gas Integrity Management (IM) Protocol Course	2010-01-15 00:00:00

SKALNEK	ELIZABETH	PHMSA-PL1310 Plastic and Composite Materials Course	2002-03-29 00:00:00
SKALNEK	ELIZABETH	PHMSA-PL2258 Safety Evaluation of Hazardous Liquid Pipeline Systems Course	2002-09-13 00:00:00
SKALNEK	ELIZABETH	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2010-10-26 00:00:00
SKALNEK	ELIZABETH	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2011-10-07 00:00:00
SKALNEK	ELIZABETH	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2012-11-30 00:00:00
SKALNEK	ELIZABETH	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2014-01-23 00:00:00
SKALNEK	ELIZABETH	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2015-04-01 00:00:00
SKALNEK	ELIZABETH	PHMSA-PL2288 Safety Evaluation of Breakout Tanks Course	2003-03-21 00:00:00
SKALNEK	ELIZABETH	PHMSA-PL2294 Safety Evaluation of Hazardous Liquid Pipeline (IM) Programs Course	2002-09-20 00:00:00
SKALNEK	ELIZABETH	PHMSA-PL3242 Welding and Welding Inspection of Pipeline Materials Course	2002-03-29 00:00:00
SKALNEK	ELIZABETH	PHMSA-PL3254 Joining of Pipeline Materials Course	2002-03-29 00:00:00
SKALNEK	ELIZABETH	PHMSA-PL3256 Pipeline Failure Investigation Techniques Course	2003-05-02 00:00:00
SKALNEK	ELIZABETH	PHMSA-PL3257 Pipeline Safety Regulation Application and Compliance Procedures Course	2004-07-23 00:00:00
SKALNEK	ELIZABETH	PHMSA-PL3267 Fundamentals of Integrity Management Course	2002-09-20 00:00:00
SKALNEK	ELIZABETH	PHMSA-PL3275 General Pipeline Safety Awareness Course	2008-11-06 10:27:00
SKALNEK	ELIZABETH	PHMSA-PL3290 Operator Qualification (OQ) Seminar	2003-03-13 00:00:00
SKALNEK	ELIZABETH	PHMSA-PL3291 Fundamentals of (SCADA) System Technology and Operation Course	2003-06-06 00:00:00
SKALNEK	ELIZABETH	PHMSA-PL3292 Safety Evaluation of Inline Inspection (ILI)/Pigging Programs Course	2001-12-14 00:00:00
SKALNEK	ELIZABETH	PHMSA-PL3293 Corrosion Control of Pipeline Systems Course	2003-03-28 00:00:00

SKALNEK	ELIZABETH	PHMSA-PL3295 Pipeline Welding Inspection Course	2002-06-25 00:00:00
SKALNEK	ELIZABETH	PHMSA-PL3296 Pipeline Reliability Assessment Seminar	2002-06-27 00:00:00
SKALNEK	ELIZABETH	PHMSA-PL3300 Pipeline Inspector Toolbox Seminar	2003-03-12 00:00:00
SKALNEK	ELIZABETH	PHMSA-PL3306 External Corrosion Direct Assessment (ECDA) Field Course	2010-10-08 00:00:00
SKALNEK	ELIZABETH	PHMSA-PL3355 Safety Evaluation of Control Room Management Programs	2014-08-29 00:00:00
SKALNEK	ELIZABETH	PHMSA-PL3600 Root Cause/Incident Investigation Course	2012-07-27 00:00:00
SKALNEK	ELIZABETH	PHMSA-PL3901 Inspector Team Building Workshop	2009-10-08 00:00:00
SKALNEK	ELIZABETH	PHMSA-PL3IC - Investigating and Managing Internal Corrosion of Pipelines WBT Course	2011-02-11 19:35:32
SKALNEK	ELIZABETH	PHMSA-PL3OQ Operator Qualification WBT Course	2003-12-03 00:00:00
SKALNEK	ELIZABETH	PHMSA-PL4253 Liquefied Gas (LNG) Safety Technology and Inspection Course	2003-01-17 00:00:00
SKALNEK	ELIZABETH	PHMSA-PL5342 Safety Evaluation of Liquefied Petroleum Gas (LPG)	2015-04-24 00:00:00
STANSBURY	TODD	PHMSA-PL1245 Safety Evaluation of Distribution Integrity Management Programs (DIMP) Course	2011-08-03 00:00:00
STANSBURY	TODD	PHMSA-PL1250 Safety Evaluation of Gas Pipeline Systems Course	2009-11-20 00:00:00
STANSBURY	TODD	PHMSA-PL1255 Gas Pressure Regulation and Overpressure Protection Course	2011-04-21 00:00:00
STANSBURY	TODD	PHMSA-PL1297 Gas Integrity Management (IM) Protocol Course	2013-01-11 00:00:00
STANSBURY	TODD	PHMSA-PL1310 Plastic and Composite Materials Course	2010-07-30 00:00:00
STANSBURY	TODD	PHMSA-PL2258 Safety Evaluation of Hazardous Liquid Pipeline Systems Course	2010-09-17 00:00:00
STANSBURY	TODD	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2010-04-29 00:00:00
STANSBURY	TODD	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2011-03-15 00:00:00

STANSBURY	TODD	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2012-01-27 00:00:00
STANSBURY	TODD	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2014-01-23 00:00:00
STANSBURY	TODD	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2015-05-06 00:00:00
STANSBURY	TODD	PHMSA-PL2288 Safety Evaluation of Breakout Tanks Course	2011-09-30 15:27:54
STANSBURY	TODD	PHMSA-PL2294 Safety Evaluation of Hazardous Liquid Pipeline (IM) Programs Course	2011-03-11 18:16:49
STANSBURY	TODD	PHMSA-PL3242 Welding and Welding Inspection of Pipeline Materials Course	2010-07-30 00:00:00
STANSBURY	TODD	PHMSA-PL3254 Joining of Pipeline Materials Course	2010-07-30 19:12:33
STANSBURY	TODD	PHMSA-PL3256 Pipeline Failure Investigation Techniques Course	2010-07-16 18:36:40
STANSBURY	TODD	PHMSA-PL3257 Pipeline Safety Regulation Application and Compliance Procedures Course	2011-03-25 19:00:12
STANSBURY	TODD	PHMSA-PL3267 Fundamentals of Integrity Management Course	2012-12-07 00:00:00
STANSBURY	TODD	PHMSA-PL3275 General Pipeline Safety Awareness Course	2009-07-01 00:00:00
STANSBURY	TODD	PHMSA-PL3291 Fundamentals of (SCADA) System Technology and Operation Course	2013-02-15 19:34:56
STANSBURY	TODD	PHMSA-PL3292 Safety Evaluation of Inline Inspection (ILI)/Pigging Programs Course	2012-06-08 00:00:00
STANSBURY	TODD	PHMSA-PL3293 Corrosion Control of Pipeline Systems Course	2010-06-25 18:31:20
STANSBURY	TODD	PHMSA-PL3306 External Corrosion Direct Assessment (ECDA) Field Course	2014-06-20 00:00:00
STANSBURY	TODD	PHMSA-PL3311 Assessment Evaluation for Operator Qualification (OQ) Seminar	2010-09-29 00:00:00
STANSBURY	TODD	PHMSA-PL3322 Evaluation of Operator Qualification (OQ) Programs Course	2010-09-29 00:00:00
STANSBURY	TODD	PHMSA-PL3355 Safety Evaluation of Control Room Management Programs	2011-08-26 00:00:00
STANSBURY	TODD	PHMSA-PL3365 Public Awareness Program Effectiveness Evaluation (PAPEE) Seminar	2012-09-10 00:00:00

STANSBURY	TODD	PHMSA-PL3600 Root Cause/Incident Investigation Course	2010-03-12 00:00:00
STANSBURY	TODD	PHMSA-PL3901 Inspector Team Building Workshop	2009-10-08 00:00:00
STANSBURY	TODD	PHMSA-PL3IC - Investigating and Managing Internal Corrosion of Pipelines WBT Course	2010-01-14 16:43:00
STANSBURY	TODD	PHMSA-PL30Q Operator Qualification WBT Course	2010-02-18 16:17:00
STANSBURY	TODD	PHMSA-PL4253 Liquefied Gas (LNG) Safety Technology and Inspection Course	2011-01-28 17:56:38
STREETER	KEVIN	PHMSA-PL1245 Safety Evaluation of Distribution Integrity Management Programs (DIMP) Course	2015-09-03 00:00:00
STREETER	KEVIN	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2014-04-16 00:00:00
STREETER	KEVIN	PHMSA-PL3257 Pipeline Safety Regulation Application and Compliance Procedures Course	2014-03-21 00:00:00
STREETER	KEVIN	PHMSA-PL3306 External Corrosion Direct Assessment (ECDA) Field Course	2014-09-19 00:00:00
WOLFGRAM	JONATHAN	PHMSA-PL1245 Safety Evaluation of Distribution Integrity Management Programs (DIMP) Course	2011-08-03 00:00:00
WOLFGRAM	JONATHAN	PHMSA-PL1250 Safety Evaluation of Gas Pipeline Systems Course	2009-11-20 00:00:00
WOLFGRAM	JONATHAN	PHMSA-PL1255 Gas Pressure Regulation and Overpressure Protection Course	2011-04-21 00:00:00
WOLFGRAM	JONATHAN	PHMSA-PL1297 Gas Integrity Management (IM) Protocol Course	2013-01-11 00:00:00
WOLFGRAM	JONATHAN	PHMSA-PL1310 Plastic and Composite Materials Course	2010-07-30 00:00:00
WOLFGRAM	JONATHAN	PHMSA-PL2258 Safety Evaluation of Hazardous Liquid Pipeline Systems Course	2010-09-17 00:00:00
WOLFGRAM	JONATHAN	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2012-03-09 00:00:00
WOLFGRAM	JONATHAN	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2014-01-23 00:00:00
WOLFGRAM	JONATHAN	PHMSA-PL2284 (HAZWOPER) Refresher for Pipeline Safety Representatives	2015-05-06 00:00:00
WOLFGRAM	JONATHAN	PHMSA-PL2288 Safety Evaluation of Breakout Tanks Course	2011-09-30 15:27:54

WOLFGRAM	JONATHAN	PHMSA-PL2294 Safety Evaluation of Hazardous Liquid Pipeline (IM) Programs Course	2011-03-11 18:16:49
WOLFGRAM	JONATHAN	PHMSA-PL3242 Welding and Welding Inspection of Pipeline Materials Course	2010-07-30 00:00:00
WOLFGRAM	JONATHAN	PHMSA-PL3254 Joining of Pipeline Materials Course	2010-07-30 19:12:32
WOLFGRAM	JONATHAN	PHMSA-PL3256 Pipeline Failure Investigation Techniques Course	2010-07-16 18:35:23
WOLFGRAM	JONATHAN	PHMSA-PL3257 Pipeline Safety Regulation Application and Compliance Procedures Course	2011-03-25 18:59:09
WOLFGRAM	JONATHAN	PHMSA-PL3267 Fundamentals of Integrity Management Course	2012-12-07 00:00:00
WOLFGRAM	JONATHAN	PHMSA-PL3291 Fundamentals of (SCADA) System Technology and Operation Course	2012-01-13 17:00:01
WOLFGRAM	JONATHAN	PHMSA-PL3292 Safety Evaluation of Inline Inspection (ILI)/Pigging Programs Course	2012-06-08 00:00:00
WOLFGRAM	JONATHAN	PHMSA-PL3293 Corrosion Control of Pipeline Systems Course	2010-06-25 18:31:20
WOLFGRAM	JONATHAN	PHMSA-PL3306 External Corrosion Direct Assessment (ECDA) Field Course	2014-08-01 00:00:00
WOLFGRAM	JONATHAN	PHMSA-PL3355 Safety Evaluation of Control Room Management Programs	2011-08-12 00:00:00
WOLFGRAM	JONATHAN	PHMSA-PL3365 Public Awareness Program Effectiveness Evaluation (PAPEE) Seminar	2012-08-17 00:00:00
WOLFGRAM	JONATHAN	PHMSA-PL3600 Root Cause/Incident Investigation Course	2011-07-29 00:00:00
WOLFGRAM	JONATHAN	PHMSA-PL3IC - Investigating and Managing Internal Corrosion of Pipelines WBT Course	2010-08-05 20:57:46
WOLFGRAM	JONATHAN	PHMSA-PL3OQ Operator Qualification WBT Course	2011-04-27 15:21:59



Attachment 7 Notes

Damage Prevention / Technical allocations based on damage prevention allocated to Hazardous Liquids Base Grant. Additional damage prevention activities allocated to the State Damage Prevention Grant and the One Call Grant.

The following staffing changes occurred in 2015:
There were no staffing changes in 2015.

TQ Training Notes:



Attachment 8 - Compliance with Federal Regulations

STATE COMPLIANCE WITH FEDERAL REQUIREMENTS AS OF DECEMBER 31, 2015

No.	Effective Date	Impact	Adoption Date	Adoption Status
1		<p>Maximum Penalties Substantially Same as DOT (\$100,000/\$1,000,000); Indicate actual amount in note.</p> <p>299J.16, subdivision 1, is amended to read: Subdivision 1. Civil penalty. (a) A pipeline operator who violates section 299J.07, subdivision 1, or 299J.15, or the rules of the commissioner implementing those sections, shall forfeit and pay to the state a civil penalty in an amount to be determined by the court, up to \$100,000 for each day that the operator remains in violation, subject to a maximum of \$1,000,000 for a related series of violations. (b) The penalty provided under this subdivision may be recovered by an action brought by the attorney general at the request of the commissioner, in the name of the state, in connection with an action to recover expenses of the director under section 299J.13, subdivision 4: (1) in the District Court of Ramsey County; or (2) in the county of the defendant's residence. EFFECTIVE DATE. This section is effective August 1, 2008, and applies to violations committed on or after that date.</p>	08/2008	Adopted \$100,000 /day upto \$1,000,000
		Note ¹		
2		Part 195 Amendments		
01-76A	Pre 2002	[All applicable amendments prior to and including 2002]	02/2002	Adopted
		Note #2 MN State laws automatically adopt the amendments of the Federal Standards.		
77	9/4/2003	Procedure for Producer-Operated outer continental shelf Hazardous Liquid Pipelines that cross directly into State Waters	09/2003	Adopted
		Note #2 MN State laws automatically adopt the amendments of the Federal Standards.		
78	10/14/2003	Various changes to liquid pipeline Safety standards from NAPSRS recommendations	10/2003	Adopted
		Note #2 MN State laws automatically adopt the amendments of the Federal Standards.		
80	2/5/2004	New Annual reporting requirement for operators	02/2004	Adopted
		Note #2 MN State laws automatically adopt the amendments of the Federal Standards.		
81	7/14/2003	Corrections from periodic update to pipeline safety regulations and subsequent corrections	07/2003	Adopted
		Note #2 MN State laws automatically adopt the amendments of the Federal Standards.		

82	9/9/2004	Performance of periodic underwater inspections	09/2004	Adopted
Note ¹	Note #2 MN State laws automatically adopt the amendments of the Federal Standards.			
83	6/20/2005	API RP 1162 Public awareness campaign	06/2005	Adopted
Note ¹	Note #2 MN State laws automatically adopt the amendments of the Federal Standards.			
84	7/15/2005	PSIA Statutory changes to operator qualification program	07/2005	Adopted
Note ¹	Note #2 MN State laws automatically adopt the amendments of the Federal Standards.			
85	11/25/2005	Adoption of NACE Standard as direct assesment standard	11/2005	Adopted
Note ¹	Note #2 MN State laws automatically adopt the amendments of the Federal Standards.			
86	7/10/2006	Incorporate by reference various standards	07/2006	Adopted
Note ¹	Note #2 MN State laws automatically adopt the amendments of the Federal Standards.			
87	7/17/2007	Integrity Management Program Modifications and Clarifications	07/2007	Adopted
Note ¹	Note #2 MN State laws automatically adopt the amendments of the Federal Standards.			
88-73 FR 16562	3/28/2008	Administrative Procedures, Updates and Technical Amendments (73 FR 16562)	03/2008	Adopted
Note ¹	Note #2 MN State laws automatically adopt the amendments of the Federal Standards.			
89-73 FR 31634	6/3/2008	Protecting Unusually Sensitive Areas From Rural Onshore Hazardous Liquid Gathering Lines and Low-Stress Lines (73 FR 61634)	06/2008	Adopted
Note ¹	Note #2 MN State laws automatically adopt the amendments of the Federal Standards.			
90-74 FR 2889	1/16/2009	Administrative Procedures, Address Updates and Technical Amendments	01/2009	Adopted
Note ¹	Note #2 MN State laws automatically adopt the amendments of the Federal Standards.			
91-74 FR 17099	4/14/2009	Incorporation by reference update: American Petroleum Institute Standards 5L and 1104	04/2009	Adopted
Note ¹	Note #2 MN State laws automatically adopt the amendments of the Federal Standards.			
92-74 FR 62503	11/30/2009	Editorial Amendments to Pipeline Safety Regulations	11/2009	Adopted
Note ¹	Note #2 MN State laws automatically adopt the amendments of the Federal Standards.			

93 - 74 FR 63310	12/3/2009	Control Room Management Factors	12/2009	Adopted
Note ¹	Note #2 MN State laws automatically adopt the amendments of the Federal Standards.			
94 - 75 FR 48593	8/11/2010	Periodic Updates of Regulatory References to Technical Standards and Miscellaneous Edits	8/2010	Adopted
Note ¹	Note #2 MN State laws automatically adopt the amendments of the Federal Standards.			
95 - 75 FR 72878	11/26/2010	Updates to Pipeline and Liquefied Gas Reporting Requirements	11/2010	Adopted
Note ¹	Note #2 MN State laws automatically adopt the amendments of the Federal Standards.			
96 - 76 FR 25576	10/1/2011	Applying Safety Regulations to All Rural Onshore Hazardous Liquid Low-Stress Lines	10/2011	Adopted
Note ¹	Note #2 MN State laws automatically adopt the amendments of the Federal Standards.			
97 - 76 FR 35130	8/15/2011	Control Room Management/Human Factors	8/2011	Adopted
Note ¹	Note #2 MN State laws automatically adopt the amendments of the Federal Standards.			
98 - 78 FR 58897	9/28/2013	Administrative Procedures, Updates, and Technical Corrections	9/2013	Adopted
Note ¹	Note #2 MN State laws automatically adopt the amendments of the Federal Standards.			
99 - 80 FR 168	3/6/2015	Periodic Updates of Regulatory References to Technical Standards and Miscellaneous Edits	03/2015	Adopted
Note ¹	Note #2 MN State laws automatically adopt the amendments of the Federal Standards.			
100 - 80 FR 12779	10/1/2015	Miscellaneous Changes to Pipeline Safety Regulations	10/2015	Adopted
Note ¹	Note #2 MN State laws automatically adopt the amendments of the Federal Standards.			
3	Part 199 - Drug Testing		04/1991	Adopted
Note ¹	Note #2 MN State laws automatically adopt the amendments of the Federal Standards.			
4	Part 199 Amendments			
01-19	Pre 2002	[All applicable amendments prior to and including 2002]	09/2001	Adopted
Note ¹	Note #2 MN State laws automatically adopt the amendments of the Federal Standards.			
20	3/12/2003	Definition of Administrator	03/2003	Adopted
Note ¹	Note #2 MN State laws automatically adopt the amendments of the Federal Standards.			



21	12/31/2003	Instructions for Single Use Form for MIS	12/2003	Adopted
Note ¹	Note #2 MN State laws automatically adopt the amendments of the Federal Standards.			
22	7/14/2004	New address for reporting	07/2004	Adopted
Note ¹	Note #2 MN State laws automatically adopt the amendments of the Federal Standards.			
23	3/8/2005	Administration name change	03/2005	Adopted
Note ¹	Note #2 MN State laws automatically adopt the amendments of the Federal Standards.			
24 - 73 FR 16562	3/28/2008	Administrative Procedures, Updates and Technical Amendments (73 FR 16562)	03/2008	Adopted
Note ¹	Note #2 MN State laws automatically adopt the amendments of the Federal Standards.			
25 - 78 FR 58897	9/28/2013	Administrative Procedures, Updates, and Technical Corrections	9/2013	Adopted
Note ¹	Note #2 MN State laws automatically adopt the amendments of the Federal Standards.			
26 - 80 FR 168	3/6/2015	Periodic Updates of Regulatory References to Technical Standards and Miscellaneous Edits	3/2015	Adopted
Note ¹	Note #2 MN State laws automatically adopt the amendments of the Federal Standards.			
5	State Adoption of Part 198 State One-Call Damage Prevention Program			
a.		Mandatory coverage of areas having pipeline facilities	08/1987	Adopted
Note ¹	Note 3 M.S. 216D effective 08/01/1987.			
b.		Qualification for operation of one-call system	08/1987	Adopted
Note ¹	Note 3 M.S. 216D effective 08/01/1987.			
c.		Mandatory excavator notification of one call center	08/1987	Adopted
Note ¹	Note 3 M.S. 216D effective 08/01/1987.			
d.		State determination whether calls to center are toll free	08/1987	Adopted
Note ¹	Note 3 M.S. 216D effective 08/01/1987.			
e.		Mandatory intrastate pipeline operator participation	08/1987	Adopted
Note ¹	Note 3 M.S. 216D effective 08/01/1987.			



f.	Mandatory operator response to notification	08/1987	Adopted
Note ¹	Note 3 M.S. 216D effective 08/01/1987.		
g.	Mandatory notifications of excavators/public	08/1987	Adopted
Note ¹	Note 3 M.S. 216D effective 08/01/1987.		
h.	Civil penalties/injunctive relief substantially same as DOT	08/1987	Adopted
Note ¹	Note 3 M.S. 216D effective 08/01/1987. Increase to \$1,000 in 1998.		

¹If Adoption Status is No, Please provide an explanation

State Attendance at 2015 NAPS Regional Meeting:

Attended full time (Lead rep or alternative pipeline staff)

Frequency of General Legislative Session: Annually

Attachment 8 Notes



Attachment 10 - Performance and Damage Prevention Questions

CALENDAR YEAR (CY) 2015

Planned Performance: What are your Planned Annual and Long-term goals for your Pipeline Safety Program?

Annual Goals:

1. Continue training for inspection staff to build pipeline safety knowledge base
2. Perform routine pipeline safety inspections
3. Accident/incident investigation
4. Pipeline Safety and Damage prevention Enforcement
5. Damage prevention education presentations
6. Host Pipeline Safety/Damage Prevention educational conference
7. Pipeline Safety Spring Conference
8. Conduct MS216D Review - consider damage prevention law changes
9. Pipeline Safety Program Effectiveness Evaluation

Long Term Goals:

1. Continue to build and maintain constructive relationships with Minnesota's pipeline operator, underground utility operator and excavation community.
2. Know that Minnesota's pipeline infrastructure is operated safely.
3. Prevent damage to pipelines and other underground utilities.
4. Continue to improve GIS based/linked inspection database. Continue to build a data driven inspection process.
5. Develop highly qualified/trained workforce to address pipeline safety and damage prevention issues in Minnesota.
6. Equip highly trained staff with tools to maximize effectiveness
7. Implement consistent inspection and enforcement program
8. Communicate best practices to all stakeholders in Minnesota

Past Performance: What did the Pipeline Safety Program accomplish during the subject year (to this document) to contribute toward the program's annual and long-term goals?

2015 Accomplishments:

1. MNOPS Spring Conference -361 attendees - Hazardous Liquid and Natural Gas
2. 105 Education Presentation were given throughout Minnesota engaging utility operators, pipeline operators, excavators, emergency responders and the public regarding pipeline safety and damage prevention
3. All Minnesota Intrastate pipeline companies received a Field & Records inspection in 2015.
4. Common Ground Alliance Presentation and participation in the organization.
5. Worked with stakeholders to form a Minnesota Regional Common Ground Alliance.
6. Notice about ice formation on regulator vents
7. Lessons learned shared at NAPS
8. Continual partnership with Minnesota's Utility Coordinating Committees.
9. Continue training for inspection staff to build pipeline safety knowledge base
10. Perform routine pipeline safety inspections
11. Accident/incident investigation
12. Pipeline Safety and Damage prevention Enforcement
13. Damage prevention education presentations
14. Host Pipeline Safety/Damage Prevention educational conference
15. Preliminary deployment of an iPhone/iPad based inspection documentation tool.

1. Has the state or agency reviewed the Damage Prevention Assistance Program (DPAP) document in the last twelve months?

Yes

2. Has the state or agency developed or is in the process of developing a plan to address the nine elements contained in the PIPES Act of 2006 for an effective State Damage Prevention Program?

Yes

If yes to question 2, where does the state or agency stand on implementation of the nine elements contained in the PIPES Act of 2006? Please provide a description of how the state or agency has or will meet each element. If not, please provide a brief passage explaining the reasons why the state or agency has not.

MNOPS has developed a plan and the nine elements are fully implemented. MNOPS submitted the 9 element characterization survey which describes in detail MNOPS program and implementation of the nine elements. MNOPS continuously reviews it's damage prevention programs in an effort to assure they continue to meet the 9 elements and that the program is effective.

Attachment 10 Notes

