

**2018 NEPSR
Pipeline Safety Seminar
Meredith, NH
October 10, 2018**

Maine

**Gas Safety and Damage
Prevention Programs**

Maine Public Utilities Commission



Pipeline Safety & Damage Prevention Programs

Consumer Assistance and Safety Division

Derek Davidson - Director



Program Personnel

- Pipeline Safety
 - Nathan Dore - Inspector
 - Sean Watson - Inspector
 - Gary Kenny – Program Manager
 - Tammy Chamberlain – Administration
- Damage Prevention
 - Rick LeClair - Investigator
 - Barry Truman – Investigator
 - Tammy Chamberlain – Administration
- Legal
 - Jordan (Jody) McColman - Staff Attorney for Natural Gas Safety, LPG Safety, and Damage Prevention



Intrastate Pipeline Facilities Under MPUC Safety Jurisdiction

As of December 31, 2017

- Transmission Pipelines: 84 miles (four pipelines)
- Distribution Pipelines: 1,239 (four operators)
- Number of services: 36,511
- LNG: One Satellite Facility
- LPG Facilities: 700+/- (29 operators)
- CNG Facility: One Facility



Distribution Main Materials

- Plastic: 973 mi 78.6%
- Protected Steel: 212 mi 17.2%
- Cast Iron: 39 mi 3.8%
- Unprotected Steel: 12 mi 1.0%

Cast Iron and Unprotected Steel
Replacement to be Complete in 2024.
Approx. 6 miles retired in 2017.



Inspections

- 251 Inspection Person Days in 2017
- 2018 and 2019 Focus
 - Construction Inspections.
 - Continued emphasis on the OQ inspections of O&M tasks.
 - Continued emphasis on the inspection of O&M records.
 - Ongoing review of LPG O&M Procedures
 - Five year cycle for LPG system inspections



Enforcement Statistics 2017

- Civil Penalties Issued: \$190,000
 - Failure to make records available; 192.605(b)(3) and MPUC Rule Chapter 420 Section 7(B)(2): \$25,000
 - Lack of proper qualification; 192.805(b)) and 192.605(a): \$15,000
 - Failure to expose an existing facility when using HDD; MPUC Rule Chapter 420, Sections 3(D)(2) and 5(D)(3)(b): \$150,000



Enforcement Statistics 2018 to Date

- Civil Penalties Issued: \$35,000
 - Lack of proper qualification; 192.805(b): \$15,000
 - Failure to construct in accordance with specifications and standards; 192.303: \$15,000
 - Failure to follow procedures and inadequate leak classification 192.605(a) and MPUC Rule Chapter 420 Section 6(E): \$5,000



Enforcement Statistics 2018 to Date (Continued)

- Civil Penalties Collected: \$310,000
 - All 2016 2016 assessed penalties.
 - \$50,000 carried over from 2014
 - The replacement of several hundred electrofusion tees and couplings were associated with these penalties
 - \$2,000 carried over from 2015



Top Enforcement Issues 2017 and 2018 To Date

- Lack of Qualification Documentation
- Numerous NFPA 58 Violations (LPG Systems)
- HDD Cross Bores



Damage Prevention Program

Year	Total Locate Requests	Total Damages	Total Damages per 1,000 Locates	Gas Locate Requests	Gas Damages	Gas Damages per 1,000 Locates	Total Penalties Collected
2013	65,250	319	4.89	19,735	33	1.67	\$151,750
2014	63,843	280	4.39	25,281	39	1.54	\$118,850
2015	66,417	328	4.94	24,731	46	1.86	\$119,500
2016	66,479	154	2.32	23,030	60	2.61	\$149,500
2017	66,718	190	2.85	22,999	51	2.22	\$126,800

Damage Prevention Program (continued)

**With 38 damages to gas facilities,
through August, total damages
appear to be on track with the last
two years.**



Incidents

We've been very fortunate to have another incident free year.



2018 & 2019 Program Goals

- Increased utilization of PHMSA's Inspection Assistant software.
- Continue to improve the tracking of Compliance Actions and Inspection Activities.
- Continued favorable scoring from PHMSA.



Questions or Comments?

Thank You!

