



Public Service Commission of Wisconsin

2019 Pipeline Safety Distribution Report All Operators

PART B - SYSTEM DESCRIPTION										
	Steel				Ductile Iron	Copper	Cast / Wrought Iron	Plastic	Other	Total
	Unprotected		Cathodically Protected							
	Bare	Coated	Bare	Coated						
Miles of Main	0	25.6	0	11769.27	0	0	0	29026.33	62.3	40883.49
No. of Services	1	601	0	225794	0	10390	0	1462511	2104	1701401

2. Miles of Mains in System at End of Year							
Material	Unknown	2" or Less	Over 2" - 4"	Over 4" - 8"	Over 8" - 12"	Over 12"	Total
Steel	4.8	4849.489	3575.649	2631.109	534.93	198.91	11794.89
Ductile Iron	0	0	0	0	0	0	0
Copper	0	0	0	0	0	0	0
Cast/Wrought Iron	0	0	0	0	0	0	0
PVC	0	0	0	0	0	0	0
PE	0.7	20155.45	7237.296	1631.78	1.1	0	29026.33
ABS	0	0	0	0	0	0	0
Other Plastic	0	0	0	0	0	0	0
Other	38.5	17.1	6.4	0.3	0	0	62.3
Total	44	25022.04	10819.345	4263.189	536.03	198.91	40883.51

3. Number of Services in System at End of Year					Average Service Length (feet): 95.07115115		
Material	Unknown	1" or Less	Over 1" - 2"	Over 2" - 4"	Over 4" - 8"	Over 8"	Total
Steel	3	200077	24965	1117	223	8	226393
Ductile Iron	0	0	0	0	0	0	0
Copper	0	29	10361	0	0	0	10390
Cast/Wrought Iron	0	0	0	0	0	0	0
PVC	0	81	11478	0	0	0	11559
PE	41	1430821	18639	1333	118	0	1450952
ABS	0	0	0	0	0	0	0
Other Plastic	0	0	0	0	0	0	0
Other	334	1702	65	3	0	0	2104
Total	378	1632710	65508	2453	341	8	1701398

4. Miles of Main and Number of Services By Decade of Installation											
	Unknown	Pre-1940	1940-1949	1950-1959	1960-1969	1970-1979	1980-1989	1990-1999	2000-2009	2010-2019	Total
Miles of Main	310.72	0.7	20.29	1204.42	6838.315	4504.347	3919.502	11094.3	6516.006	6475.42	40884.02
No. of Services	15286	1621	1151	35071	174776	269028	249752	356007	281781	316925	1701398

PART C - TOTAL LEAKS AND HAZARDOUS LEAKS/ELIMINATED/REPAIRED DURING THE YEAR				
Cause of Leak	Mains		Services	
	Total	Hazardous	Total	Hazardous
Corrosion	22	9	95	57
Natural Forces	17	13	240	185
Excavation Damage	247	239	1067	996
Other Outside Force Damage	5	5	371	323
Materials or Welds	54	18	335	102
Equipment	325	23	4344	665
Incorrect Operations	28	9	102	30
Other	15	5	205	84
Number of Known System Leaks at End of Year Scheduled for Repair				2873

PART D - EXCAVATION DAMAGE		PART E - EXCESS FLOW VALVE (EFV) DATA	
# of Excavation Damages (By Root Cause)	1355	# of EFVs installed this calendar year on single family residential services	27057
a. One-Call Notification Practices Not Sufficient	239	Total number of EFVs installed in system at the end of the year	368833
b. Locating Practices Not Sufficient	278	# of manual service line shut-off valves installed this calendar year on single-family residential services	1336
c. Excavation Practices Not Sufficient	692	Total number of manual service line shut-off valves in the system at end of year	157067
d. Other	146		
Number of Excavation Tickets	799977		

PART F - LEAKS OF FEDERAL LAND		PART G - PERCENT OF UNACCOUNTED FOR GAS	
Total number of Leaks on Federal land repaired or scheduled to repair	0	Unaccounted for gas as a percent of total input for the 12 months ending June 30 (6/30) of the reporting year	-