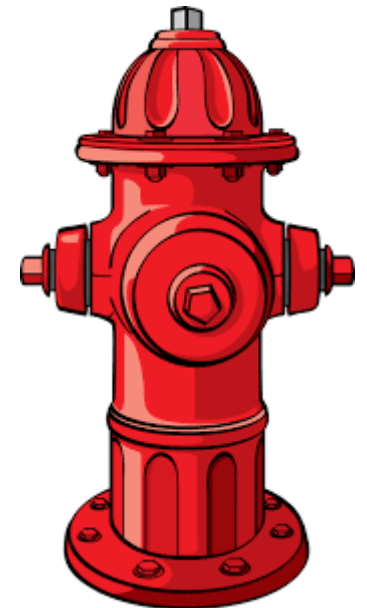


# Inspection, Testing and Maintenance of Private Fire Hydrants



# What is a Private Fire Hydrant?

- ▶ Those hydrants not owned, rented, or maintained by the Town of Wayland or any other governmental entity.
- ▶ Any Hydrant that is on a private road or street that it is not maintained by the Town of Wayland.
- ▶ There are nearly 100 private fire hydrants in Wayland



# What is the Bylaw

- ▶ The Bylaw was approved by the voters at the Annual Spring Town Meeting in April 2015 and resubmitted with necessary changes for approval at the 2106 Annual Town Meeting.
- ▶ Approved 195 to 8
- ▶ It has been reviewed and approved by the States Attorney Generals Office in May 2016.

# Who is Responsible?

- ▶ The property owner or designated representative is responsible for compliance with this bylaw

# Time frame

- ▶ Due to the extreme drought conditions in 2016 there are no requirements flow or to flow test hydrants this year.
- ▶ Beginning April 1, 2017 and concluding November 1, 2017 every private fire hydrant will be inspected, have maintenance performed, and flushed
- ▶ Selected hydrants will have a flow test completed and documented. Flow test will take place every 5 years. The fire department will determine which hydrant is flow tested.

# So why now

- ▶ Nation wide there have been many documented fires that have not been able to be quickly extinguished due to lack of or no water available at hydrants.
- ▶ All studies and reviews have found these hydrants have either been poorly maintained or not maintained at all.
- ▶ Some hydrants could not be opened, others had little to no pressure or flow.

# Encrustation and Sedimentation



# Wayland Department of Public Works- Water Division

The Water Division must be on site for any water flow.

Arrangements must be made to flow water in harmony with the town wide water flushing program.

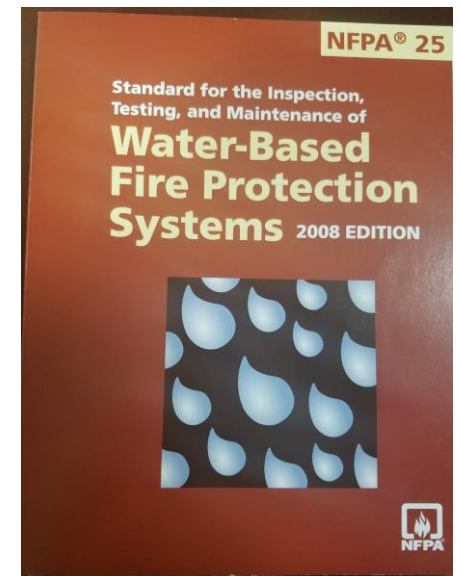


# PARKING



# Standards and Regulations

- ▶ Commonwealth of Massachusetts Regulation – 310CMR22
  - ▶ Department of Environmental Protection – Drinking Water
- ▶ National Fire Protection Association – Standard 25
  - ▶ Standard for the Inspection, Testing, and Maintenance of Water Based Fire Protection System (2014 edition)



# So what really needs to be done?

- ▶ Hydrants clear 36 Minimum preferably 48" around without obstruction
- ▶ Hydrant visible from the street
- ▶ All Caps removed, cleaned and lubed (if needed).
- ▶ Hydrant shall be flushed (following DPW regulation and or guidelines)
- ▶ If flow test has been designated for the hydrant then flow test must be done.
- ▶ Snow removed for access and a minimum of 48" around it
- ▶ Gate Boxes Located

- 
- ▶ [Https://www.youtube.com/watch?v=OHs1BONOFpY](https://www.youtube.com/watch?v=OHs1BONOFpY)
  - ▶ <https://www.youtube.com/watch?v=0uAN3UDjq0A>

# Wayland Hydrants

- ▶ All are to be Red in color
- ▶ All hydrants shall have a reflective flag
- ▶ No hydrant should be used without authorization from the DPW.
  - ▶ Water contamination
  - ▶ Water accounted for



# Fire Department

- ▶ Identification of hydrants and ID numbers will be distributed.
- ▶ Forms will be provided by the department.
- ▶ Hydrants to be flowed tested will be designated by the department.

# Documentation

- ▶ All Inspection, maintenance and testing will be documented on forms provided by the fire department.
- ▶ All completed documents will be submitted to the Office of the Fire Chief by December 1, 2017 and each year there after.



# Violations

- ▶ The Bylaw allows property owners to be assessed fines and for these fines to be paid within 30 days.
- ▶ First Offense - \$50.00 per hydrant for non compliance
- ▶ After 30 days -\$ 200.00 per hydrant will be assessed if the same violation has not been remedied.
- ▶ If the same violation is not remedied during the next April 15 to June 15 time period a \$ 300.00 assessment per hydrant will be made.
- ▶ Failure to pay violations will result in liens being placed according to MGL Chapter 40, Section 58.