

Town of Gordonsville - Public Works Department

Monthly Activity Report July 2021

Utility Officer (water maintenance)

- Work Orders processed; **18**
- Daily Meter readings; **21**
- Miss Utility Tickets processed; **30**
- Re – Reads; **2**
- Cut off list; **None**
- Water Samples; **2 Bacti**
- Meters replacements; **Walk meter route to collect data**
- Flush water lines and hydrants
 - None
- Check Chlorine levels at water tank weekly

Water Line Repair

- West Gordon Avenue
- Baker Street/ Wright Street

Meter/ Vault replacement/ Install

- 500 Baker Street (COMPLETE)
- Food Lion at 408 West Gordon Avenue (COMPLETE)

Vehicle/Equipment Maintenance

- Pre-Trip Inspections
- 2004 Ford F-550
- 2000 GMC dump truck
- 2012 CAT backhoe

Community /residential Tasks/ Projects

- Maintain Verling Park and Cooke Park
 - Mowed, weeded at Verling park, inspected playground equipment
 - Mowed at Cooke Park
 - Cleaned fountain at Cooke Park
- Leaf/ Brush Removal
 - Collected brush and leaves throughout Town
 - Cleaned gutters throughout Town
- Dix Memorial Pool
 - Drained baby pool
 - Paint pool restrooms
- Inspection of Hydrant Infrastructure (Infrastructure letter attached)
 - Noble Street hydrant
 - Holliday Avenue hydrant
 - Taylor Avenue hydrant

- West Gordon Avenue hydrant
- Faulconer Street hydrant
- Town Hall hydrant
- East Street hydrant
- Cut and weeded around hydrants
- Cut grass, weed eating and bush hogging throughout the Town
 - Town Hall
 - Rt.15/ Rt.33 round-about
 - East Gordon Avenue
 - West Gordon Avenue
 - East Baker Street
 - West Baker Street
 - Gentry Street
 - East Street
 - Union Street
 - Luckettes Alley
 - Depot Street
 - Park Street
 - Pipelot
- Curb painting
 - Main Street business entrances
- Empty Town trash receptacles Monday, Wednesday and Friday
 - 10 on Main Street
 - 2 at Verling park
 - 1 at Cooke park
 - 1 at Police department
 - Depot/ Moore Street (*Southeast side of Gordonsville*)
 - Depot/ Central Street (*Southeast side of Gordonsville*)
 - Charles/ Depot Street (*Southeast side of Gordonsville*)
 - Mill/ Charles Street (*Southeast side of Gordonsville*)
 - Union/ Charles Street (*Southeast side of Gordonsville*)
 - Lockett's/ Cobb Street (*Southeast side of Gordonsville*)
 - Cobb/ Central Ave (*Southeast side of Gordonsville*)
 - Lockett's/ East Street (*Southeast side of Gordonsville*)
 - Bock Street (*Southeast side of Gordonsville*)

Fuel usage

- Gas: 277 gallons Diesel: 209 gallons

Gordonsville Business Center
18079 James Madison Hwy

- None

Gordonsville Airport

- None

Town of Gordonsville 2021 fire hydrant field flow test

Mr. Seal,

Thank you for you and your staff's assistance this week. Your guidance and knowledge of the system was very helpful in making the flow tests successful. I am in the process of compiling my notes in preparation for the filing of the town's grading.

As we discussed briefly during our visit, the analysis of the water system is in conjunction with a grading of the community's overall structure fire defense system which consists of the fire department, water system and emergency communications. The analysis is part of ISO's Public Protection Classification (PPC) program and includes the following breakdown of the percentage given to each part of the system during a community's grading:

Fire Department - 50%

Water System - 40%

Emergency Communications - 10%

In order to ensure records are kept up to date, most communities are regarded by ISO approximately every five years. Other factors considered during a grading are the severity of fire risks of structures within a community and the adoption and enforcement of fire and related codes.

Information from a grading's analysis is measured against specific criteria identified within ISO's Fire Suppression Rating Schedule. The Schedule serves as a guide during the grading and includes specific performance criteria as set forth by the American Water Works Association (AWWA) and the National Fire Protection Association (NFPA).

The analysis of the water system includes:

System. Capabilities of water supply system including storage and distribution needed Fire Flows. System performance at specific property locations requiring large volumes of water for fire protection.

Hydrant Specification and Distribution. Ability of the fire department to access the system through the distribution of fire hydrants.

Hydrant Inspection. Reliability of fire hydrants to perform as expected during firefighting operations.

The points earned during the water system analysis are combined with those of the system's other parts to determine a community's overall final grading. A regrading does not necessarily mean a community receives an improved class rating. A community may maintain its current rating, or it may improve or retrogress to a higher class grading.

Class grading are on a scale of 1-10 with Class 1 being the optimum score. The following is a breakdown of classes:

Class 1: 90-100% of credit
Class 2: 80-89%
Class 3: 70-79%
Class 4: 60-69%
Class 5: 50-59%
Class 6: 40-49%
Class 7: 30-39%
Class 8: 20-29%
Class 9: 10-19%
Class 10: 0-9%

During its most recent grading in 2015, the town of Gordonsville received a Class 5 grading. Below is a breakdown of the final score:

Fire department - 24.86
Water system - 21.0
Emergency communications - 6.12
Total community score - 52.25

The town's grading is used by property insurance companies that subscribe to ISO's services. Companies reference the grading class while determining rates for commercial properties and dwellings. The grading is just one of several factors a company may consider when setting rates. An insurance company's use and application of ISO's PPC class grading is proprietary and may vary between companies.

I hope this helps further explain the process and use of the town's grading. Please let me know if you need any further assistance.

Sincerely,

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