

**LOCAL LAW ESTABLISHING**  
**THE WATER CODE**  
**OF THE**  
**TOWN OF ALABAMA**  
**GENESEE COUNTY, NEW YORK**

**Enacted: February 13, 2017**  
**Amended: December 11, 2017**

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## **SECTION 1.0 - GENERAL INFORMATION**

### **1.1 Establishment, General Information, and Conditions of Service**

- A. The Town of Alabama hereby establishes the Water Code of the Town of Alabama. This code is established for the purpose of regulating water usage in the Town, providing for payment for water usage, providing for and insuring proper and safe water usage, and establishing rights and obligations of water users in the Town and to any out of district users.
- B. From time to time, water in the mains must be shut down due to repairs, leaks, maintenance, or other reasons. It is the intention of the Town, where practical, to notify owners when the water in the mains is to be shut off; however, it is often impractical and sometimes impossible to do so, and the Town shall not be obligated to provide such notice.
- C. Whenever the water is shut off for any reason, all hot water boilers should be immediately banked and water content checked often and thoroughly, by the Consumer.
- D. Service pipes from the street to buildings shall maintain five feet minimum trench depth to avoid danger of freezing. Particular care shall be exercised to maintain the minimum when crossing gutters, drainage ditches, or other like depressions.
- E. When property is conveyed, written notice shall be given to the Water Billing Clerk of said conveyance so that the transfer of ownership may be noted and the new owner notified of his accounts.
- F. Improvements to existing water services within the Town of Alabama shall conform to the standards and regulations set forth in this law.

### **1.2 Territory**

This law shall apply to all that area within the boundaries of the Town of Alabama exclusive of the Tonawanda Indian Reservation, and also, to all users outside of the Town of Alabama which are served by this system. Service outside the Districts shall be at the discretion of the Town Board.

### **1.3 Definitions**

- A. Terms used in this Code are defined as follows:
  - 1. "Board" means the Town Board of the Town of Alabama.
  - 2. "Consumer" means the person, partnership or corporation or the entity to be served, or their agent.

3. "District" means the Town of Alabama Water Districts.
4. "Irrigation" means the application of water to land for the production of farm crops only.
5. "Non-Irrigation" means drawing water from a hydrant for any purpose other than irrigation.
6. "Owner" means the person(s), partnership, corporation or other entity owning the property to be served, or their authorized agent. The Owner shall be a consumer even when there is another consumer such as a tenant or lessee.
7. "Water Superintendent" means the Superintendent of the Alabama Water Districts, or his authorized representative or the person designated by the Board to oversee the operations of the District, or his authorized representative.
8. "Water Rental Charge" shall mean water usage charges; the charge for using water from the Water Districts.
9. "Water System" means the water distribution system and appurtenances of the Town of Alabama.

## **SECTION 2.0 - APPLICATION FOR SERVICE; TAP-IN FEE**

### 2.1 Application for New Service

Application for new service shall be made by the owner in writing, on forms provided by the Water Superintendent. Such application shall be made not later than thirty (30) days prior to the beginning of service, and shall contain such information as the Water Superintendent may require. The time for application may, at the discretion of the Water Superintendent, be waived.

The Board reserves the right to accept or reject any or all applications for services of a nature not consistent with this Code, including the right to determine the rates for such services and shall approve only those applications which it finds are in the best interests of the District.

### 2.11 Application for New Service from Out of District

The Board may accept or reject applications for service from out-of-district users, and shall determine rates for service. It will approve only those applications which it finds are in the best interests of the District. The Board shall, from time to time, by resolution of the Board, establish and amend the water use rates for

Out-of-District users. These rates may be set higher than those for in-district users. The rate schedule shall be on file in the Town Clerk's Office.

## 2.2 Application for Transfer of Existing Service

Application for transfer of an existing water service to a new owner shall be made by the new owner on forms provided by the Water Superintendent. Such application shall be made not later than thirty (30) days after the transfer and shall contain such information as the Water Superintendent may require.

At any time, whether or not, a written application for service has been received by the Water Superintendent, any owner and consumer shall be bound by the provisions of this Code.

The Board may accept or reject any or all applications for services of a nature not covered by this Code, including the right to determine the rates for such services and shall approve only those applications which it finds are in the best interests of the District.

## 2.3 Connection

No person, corporation, owner or consumer shall make any connection or opening into a public water main, except upon authorization of the Water Superintendent. All connections to water mains, including service line work and excavation within public rights-of-way, shall be done by the District or its authorized representatives, including all excavation around or near public water mains, unless the Water Superintendent authorizes or requires a duly licensed and insured contractor make such connections.

## 2.4 Tap-In Fee

Prior to connection to a public water supply for water service, the owner shall pay to the District a tap-in fee. Said fee shall be based on the materials and labor to accommodate the requested tap-in. The tap-in fee shall be paid directly to the District.

## **SECTION 3.0 - INSTALLATION OF SERVICE**

### 3.1 Inspection

No water main shall be tapped nor any service connection made, or covered, except on authorization of the Water Superintendent after he has approved all work and materials.

No person, except the Water Superintendent, shall turn the water on or off at any connection to the water main. Water will be turned on by the Water Superintendent to test the pipes before they are covered and immediately turned off until final approval of the completed service installation by the Water Superintendent.

### 3.2 Service Connections (Permanent)

Taps and connections shall be one inch (1") and shall be carried full size from the water main to the meter, except that larger services will be permitted upon application made to the Water Superintendent, where need for such service is established and where water main size is adequate. Where larger than one inch (1") is required, the owner shall pay to the Town an installation fee, which will fully compensate the District for the cost of the larger service.

Service pipe two inches (2") and smaller shall be Type K copper or virgin resin, ultra-high molecular weight polyethylene tubing, meeting AWWA specification C901, and capable of sustaining indefinitely a pressure load of 200 PSI at room temperature (This material should be a Type 3, Grade P33, Class C material as per AWWA). No underground joints will be permitted except where distances are greater than the lengths available from the manufacturer. In this case, a minimum number of joints will be permitted and these shall be of the flare compression type with copper tubing or push-on joint with PT-CTS Plastic Tubing or as otherwise designated by the Water Superintendent. Service pipe larger than 2" shall be of such material and installed in such manner as the Water Superintendent shall approve, and shall be of type, material and grade as is currently standard in the building industry. All pipe shall meet all requirements for a working pressure of 200 PSI. All service pipe shall be laid in a trench not less than five (5) feet below the surface of the earth. Metal tracer wire/tape to be included in all installations of service lines and accessible at the meter.

Service pipe will be laid by the District from the main to and including the curb stop and box. Owners of vacant lots must demonstrate by commencing construction that they intend to use water. No service will be laid to vacant lots, except as part of developer's work in an approved subdivision extending off of a trunk line installation by the developer. All lines installed, but not intended for immediate use, shall be capped and sealed until ready for immediate use by the consumer.

Permission will not be granted to supply more than one owner from a single tap unless approved by the Water Superintendent due to some extreme hardship. In such cases, a separate shut-off cock must be provided for each such building and, where necessary for access, a permanent easement must be granted to the Town by the owners.

For multiple residences in one structure, one meter will be installed for each unit or consumer up to four (4) units. For residences with more than four (4) units or consumers, the District reserves the right to install one master meter. The water usage will be charged to the real property owner. If multiple meters are requested by the real property owner, the District will not be responsible for the cost of the additional meters. *(Amended 12/11/17)*

No installation shall be permitted which has connections, direct or indirect, with any public or private pumping and/or distribution system or source not fully approved by the

New York State Water Resources Commission and by the New York State Department of Health.

3.3 Service Connections (Temporary)

Temporary service connections shall consist of, but shall not be limited to, connections to construction jobs, fairs, circuses, military installations, emergency inter-system connections and for service of water to a premises or property upon which no permanent structure is or has been erected or for a use not serviced from a permanent service.

Except as otherwise directed by the Water Superintendent, or as set forth herein, all requirements for permanent service shall apply to temporary service.

The request for temporary connections shall be made to the Water Superintendent no less than five (5) business days prior to the requested service date. The Water Superintendent may reject any application for service which he determines will not be in the best interests of the district or its customers.

3.4 Service Connections for Fire Protection Only (Sprinkler Systems)

A service may be installed to serve as a source for fire protection only. The Board shall establish from time to time, by resolution, the water usage rate and fee for a meter for fire protection. The schedule shall be on file in the Town Clerk's office.

3.5 Service Connections for Hydrant Use

Hydrant use, for purposes of either irrigation or non-irrigation, is considered a temporary service connection covered under the guidelines in section 3.3. No hydrant use is permitted during periods of hard freeze or when temperatures are below 35° Fahrenheit.

No person shall open a hydrant for any reason unless he has obtained a permit from the Water Superintendent for a temporary service connection. This section shall not apply to volunteer fire companies when engaged in training or firefighting.

Any person desiring to draw water from a hydrant shall use an approved gate valve, meter and backflow device, which shall be furnished and installed only by District personnel. No meters are to be moved from one hydrant to another by any person except District personnel. Meters shall be locked to hydrants by the District. If a customer requests that a meter be moved from one hydrant to another, there will be a fee.

All hydrants must be in full-on position during operation and water flow controlled by a gate valve at the meter.

Any and all damage to hydrant, meter or backflow shall be the responsibility of the owner or consumer.



### 3.51 Irrigation Hydrant Use

Irrigation pertains ONLY to the application of water to land for the production of farm crops. All rules for hydrant use pertain to irrigation. Agricultural applications shall be reviewed on a case-by-case basis.

### 3.52 Non-Irrigation Hydrant Use

Non-Irrigation pertains to hydrant use for any purpose other than irrigation. All rules for hydrant use pertain to non-irrigation use.

## 3.6 Service Connections Requiring a Meter Pit

A water meter shall not be installed in a crawl space, under a kitchen sink, in a closet or in any location not approved by the Water Superintendent. If a building does not have a basement, or any structure located more than 150 feet from the road right-of-way, it requires a meter box to be installed at the right-of-way. All water services 1-1/2" and larger require a meter-in-vault installation regardless of distance from right-of-way. The meter must be installed in a District-approved meter pit. Refer to Appendix A Water Service Head Loss Chart for estimated pressure reduction for the length of service piping.

The owner shall pay to the District the Meter Pit Fee along with the Water Service Tapping Fee, for new construction not included within a capital project at the time of water main installation.

## **SECTION 4.0 – METER VALVES, METERS, AND BACKFLOW PREVENTERS**

### 4.1 Meter Valves

Meter valves are required on every installation and are the responsibility of the owner or consumer. When a meter is changed or repaired by District personnel on any service that does not have a properly functioning meter valve one may, at the discretion of the Water Superintendent, be installed by the District and the fee for such device shall be billed to the owner as part of the next water bill. Meter Valves will ONLY be installed when District personnel are on the premises for a meter change or repair. No special trips will be made for meter valve installation, as this is the owner's responsibility.

Meter valves shall be installed within 6" of the entry point of the water service line with no branch lines ahead of the water meter. Refer to Appendix B for Details W-1 and W-2.

## 4.2 Meters

### 4.21 Necessity

No water shall be drawn from the Town water system for any purpose unless metered in accordance with this Code. This provision shall not apply to volunteer fire companies while training or fighting fires using hydrants. Meters shall be signed for by the owner, or his duly authorized agent, for whose premises the water is to be used.

### 4.22 Meter Fee

The Board shall establish by resolution from time to time the fee for each size of meter.

### 4.23 Maintenance

To the extent of ordinary wear and tear, all meters will be maintained by, and at the expense of, the District. The consumer must pay for any damage or replacement due to freezing, hot water, or other external causes.

### 4.24 Inspection

The Water Superintendent shall be entitled to inspect, test, clean, repair, remove and replace any meter at any time and to substitute another meter in its place.

### 4.25 Size

The Water Superintendent shall, subject to Board direction, determine the size, type and make of any and all meters employed within or without the District.

### 4.26 Meter Accuracy Disputes

In the case of a disputed account involving the question of accuracy of the meter, such meter will be tested by the District upon request of the consumer, upon payment of a fee by the owner. In the event that the meter so tested is found to have a registration error in excess of acceptable limits, to the prejudice of the consumer, the fee advanced for testing will be refunded and the bill for the current period adjusted to correct such over registration.

#### 4.3 Backflow Preventer Requirement

The District mandates New York State Department of Health rules followed for backflow prevention devices when required. The backflow prevention devices must be installed per the District's directive before installation is complete and water used, as follows:

- A. All Backflow Prevention Devices and Assemblies shall be approved by the current New York State and Genesee County Department of Health Standards.
- B. All backflow preventers shall be installed by a competent installer and inspected and approved by the Water Superintendent or other authorized District representative.
- C. Upon the transfer of real property or before the issuance of a certificate of occupancy, the owner thereof must submit to the Town Water Superintendent and Town Building Inspector verified proof that the backflow prevention device, as specified by this section, is installed.
- D. When a meter is changed or repaired by the District, any service that does not have the proper backflow prevention device installed shall have one installed by the District if the building's plumbing will accommodate it and the Water Superintendent determines to make such installation. Backflow devices will ONLY be installed when District personnel are on the premises for a meter change or repair. No special trips will be made for backflow device installation, as this is the owner's responsibility. The cost of such device shall be billed to the owner as part of the next water bill. If the District determines not to or is unable to install a backflow device due to the plumbing configuration, or if the owner chooses not to have District personnel install one, the property owner shall be required to have one installed by a competent installer at the owner's expense within 60 days. Upon installation, the owner shall notify the District and make the property available for inspection by District personnel as soon as possible.
- E. All Backflow Prevention Devices and Assemblies shall be installed in a manner which is adequately protected from freezing. If a Backflow Prevention Device or Assembly is not adequately protected from freezing temperatures and is to be used seasonally, will be subject to inspection by the Water Superintendent after each removal and prior to each reinstallation.
- F. Typical residential services will not require backflow prevention. Any use other than a residential water service:
  - 1. Up to and including two inch (2") water services will be decided on a case by case basis, subject to the type of usage. As a minimum requirement two standard check valves, or a double check valve, need to be installed.

2. Larger than two inch (2") water services will require back-flow prevention and must be designed by a licensed engineer.

## **SECTION 5.0 - TERMINATION OF SERVICE**

### **5.1 Termination by the District**

No person, except the Water Superintendent shall terminate or restrict service at any connection to or from the Town water system.

The Water Superintendent may shut off the water from or in any District main or to any service connection, at any time, without notice when necessary for repair, maintenance or emergency situations. The District will not be responsible for any damage that may result therefrom.

Upon 15-days' notice to the consumer, service may be terminated by the Water Superintendent for any of the following reasons:

- (a) Failure to provide the Water Superintendent access to property for maintenance, reading, replacement or repair of a water meter;
- (b) Failure to repair an unmetered leak in the service within 10 days of detection and notification to repair (verbal or written) by the Water Superintendent. If, in the Water Superintendent's opinion, large volumes of water are being lost, the Water Superintendent may immediately terminate service after notice to the consumer.
- (c) Failure to install a meter valve or back flow preventer upon notice to do so.

If a water bill is delinquent after 60 days following the date of billing, a shutoff notice will be sent by regular mail to the owner. If the unpaid water bill is not paid within twenty (20) days, commencing with the day of mailing said notice, the water supply to the premises of the delinquent will be terminated. Wherever a water supply is terminated for non-payment of a water bill, an additional charge for services, as is established by resolution of the Town Board of Alabama, payable in advance, will be imposed before water service to the premises will be restored.

Charges to restore water service are listed in the Fee Schedule, provided in Appendix C, on file with the Town Clerk.

The Water Superintendent may immediately terminate service wherever necessary to preserve the integrity of the system; prevent contamination; prevent backflow; or when necessary for the safety of residents of the Town.

5.2 Termination by the Owner

5.21 Long-term Termination Requests (one year or longer)

An owner requesting discontinuance of service shall submit a "Water Service Termination Request Form" to the Water Superintendent. Upon receipt of such form, the water will be shut off at the curb, after payment of the turn-off fee; provided the Water Superintendent will not terminate service when the premises is occupied by a tenant. When turn off is permanent, water rents will cease.

5.22 Short-term Termination Requests (less than one year)

Short-term termination requests must be made in writing to the Water Superintendent. Upon notification, District personnel will turn off the water at the curb; provided service will not be terminated when the premises are occupied by a tenant. Any owner requesting that water be turned off at the curb for a period of less than one year will be charged turn-off and turn-on fees. Quarterly minimum billings, if any, will continue during the time the water is shut off.

**SECTION 6.0 - HYDRANTS AND FIRE REGULATIONS**

6.1 Fire

In case of fire or an alarm of fire, all water consumers shall cease the use of water for motors, fountains, sprinkling or irrigation and power purposes during such fire, in the interest of keeping up a strong and effective pressure for fire purposes.

6.2 Operation of Hydrants

No persons except the Water Superintendent, or persons acting under his direction or permission, shall open any fire hydrant or draw water therefrom, except that the Chiefs of the Town Fire Departments and members of those fire companies shall be authorized to draw water as necessary to fight fire, and for training purposes, and at scheduled fire drills. In no case shall inexperienced persons be allowed to manipulate or interfere with any such hydrants, gates, valves or other fixtures of said District.

6.3 Hydrant Location

All hydrants shall be installed on lands, easements or rights-of-way permanently owned or controlled by the District or Town.

Changes in location of existing hydrants will be made, except where otherwise required by law, at the expense of the owner requesting such change in location. All such requests shall be made in writing to the Board, and shall be at the discretion of the Board and/or the Water Superintendent.

New hydrants to be installed where existing hydrants exceed 600 feet spacing near new structures shall have material costs paid for by the Owner. The labor and installation costs shall be paid from the operation and maintenance fund for the District, given the added benefit to the District for fire protection.

6.4 Hydrant Access Requirement

No bushes or large plants shall be planted around or block access to said hydrants. No large objects such as vehicles or machinery shall be parked near to or block access to hydrants.

6.5 Hydrant Access Enforcement

The District may use acceptable methods to maintain access around any hydrant at the discretion of the Water Superintendent. The owner of the real property of the obstruction will be responsible for all costs associated removal of said obstruction.

**SECTION 7.0 - PAYMENT FOR WATER SERVICE**

7.1 Installation and Repair

A. The following expenses shall be borne by the District:

- i. Cost of making taps, except tap-in fees.
- ii. Maintenance and repair of meters subject to Section 4.0 of these regulations.
- iii. Cost of installing and maintaining service line from main to curb stop inclusive, except in subdivisions involving new water lines and newly built structures in existing water service areas.
- iv. Cost of installation of new hydrant at location of new structure. Material cost shall be by Owner.

B. The following expenses shall be borne by the Owner or consumer:

- i. The cost of all materials and labor for laying and maintaining the service pipe upon and within the premises from the curb box serving said property.
- ii. Tap-in fee as stated in Sections 2.0 and 3.0.
- iii. Water use charges and special assessments.

- iv. Fees for meters in accordance with Section 4.0 of these regulations.
- v. Fees for turning service on or off at the curb as per the fee schedule on file in the Town Clerk's office.
- vi. The cost of the meter, repair and testing of meters, except for mechanical defects or natural wear and tear, as set forth in Section 4.0 of these regulations.
- vii. Materials for new fire hydrant to be installed. Costs for installation shall be by District from operation and maintenance fund.
- viii. All other fees and charges as established from time to time by resolution of the Town Board.

7.2 Water Usage Charges

A. Responsibility for Usage Charges

All water usage will be charged to the OWNERS of the affected real property.  
(Amended 12/11/17)

B. Adding to Taxes

Unpaid water rental charges, fees and other charges shall be a lien upon the real property upon which, or in connection with which, the water was used, and shall be added to the taxes assessed against the premises.

7.3 Special District Assessments

A. Indirect Benefit

A special assessment, as permitted by law, shall be laid against the assessed valuation, including exemptions, public service and public franchise, of all properties within the Town of Alabama, to provide for the indirect benefits enjoyed by all properties because of the existence of said District. The Board reserves the right to set, and from time to time adjust, the rate of this indirect benefit assessment according to the best interests of the Town of Alabama Water Districts.

B. Direct Benefit

A special assessment, as permitted by law, shall be laid against the assessed valuation, including exemptions, public service and special franchise, on properties abutting water mains or not abutting but receiving water therefrom, to provide for the District benefits enjoyed because of the existence of water service. The Board reserves the right to set, and from time to time adjust, the rate of this District Benefit Assessment according to the best interests of the Town of Alabama Water Districts.

**SECTION 8.0 - MAIN EXTENSIONS**

8.1 The Board reserves the right to accept or reject any and all application for main extensions in the best interest of the Districts. All water main extensions are subject to the rules and regulations set forth by the New York State Department of Health and the Bureau of Water Supply Protection.

**SECTION 9.0 - SUPPLY OF WATER**

9.1 General

The District undertakes to use reasonable care and diligence to provide a constant supply of water at a reasonable pressure to all consumers, but reserves the right, at any time, without notice, to shut off the water in its mains for the purpose of making repairs and/or extensions, or for any other purpose, and the Board and the District shall not be liable for a variation, deficiency or failure in the supply of water, or the pressure thereof, for any cause whatsoever, nor for any damage caused thereby, or by the breaking or bursting of any main or service pipe or any attachment to the District System. All owners having boilers upon their premises which are dependent upon the pressure in the District mains are cautioned against danger of collapse or lack of water and all such damage shall be borne exclusively by the owner.

9.2 Interconnectors

In the interest of public health, the District will not permit its mains or services to be connected directly or indirectly with any service pipe or piping which is in any way connected to any other source of water supply not fully approved by the Department of Health of the State of New York. The District will not permit its mains or service pipes to be connected in any way, directly or indirectly, to piping, tanks, vats or other apparatus which contains liquids, chemicals, or other matter which, if allowed to back flow into the District System could endanger the water supply.



9.3 Shortage

The Water Superintendent, subject to direction of the Board, may, if need be, in periods of draught or emergency, restrict the use of water for non-essential uses (such as irrigation, sprinkling or washing cars) to particular hours determined by the District, or to prohibit it entirely. Failure to comply with such restriction shall constitute a violation of this Code.

**SECTION 10.0 – IMPROVEMENTS**

10.1 The Board may:

Order existing service pipes and fixtures to be replaced with acceptable material, as determined by the Water Superintendent and to refuse service with all penalties hereinbefore set forth for failure of an owner to comply with such order.

**SECTION 11.0 - WATER USE RATES**

The Board shall, from time to time, by resolution of the Board, establish and amend the water use rates, fees and charges for the purpose of meeting the expenses of the District in such amounts as shall be determined to be in the best interest of the District. Such rates shall be on file in the Town Clerk's office. Refer to Appendix C.

**SECTION 12.0 – VIOLATIONS; PENALTIES FOR OFFENSES**

All remedies and penalties set forth are separately applicable. The Town may enforce this Code by any and all remedies set forth in this section.

12.1 Emergencies

If, in the judgment of the Board or Water Superintendent, an imminent health hazard or imminent danger to property exists, it may immediately cause service to any building or premises to be terminated and not restored until the defects are corrected.

12.2 Notification of Violation

The Board may notify the owner or authorized agent of the owner of the building or premises in which there is found a violation of this Code of such violation and shall set a reasonable time for the owner to have the violation removed or corrected. Upon failure of the owner to have the defect corrected by the end of the specified time interval, the Board may cause the water service to the building or premises or property to be terminated and not be restored until such condition or defects are corrected.

12.3 Fines and Imprisonment

- A. Any violation of this Code shall be an offense and shall be punishable by a fine of not more than \$250 and/or imprisonment for a period of 15 days, provided that any violation which is a misdemeanor or felony pursuant to the New York State Penal Law shall be punishable as set forth therein.
- B. Every week that a violation continues shall constitute a separate offense.
- C. Injunctive Relief: In addition to any other remedy, the Town shall be entitled to injunctive relief and any other remedy, including termination of service, as provided in Section 5.1.
- D. Termination: Service may be terminated as provided in Section 5.1.
- E. Nothing herein shall prevent or preclude prosecution pursuant to New York State Penal Law or other state statute.

**SECTION 13.0 – EFFECTIVE**

This Local Law shall become effective upon filing with the Secretary of State.



APPENDIX A

WATER SERVICE HEAD LOSS CHART



## Appendix A

### Water Service Head Loss Chart

Service Length in feet	Pressure Loss in p.s.i at 15 gpm							
	3/4" P.E. 0.669	3/4" cop. 0.745	1" P.E. 0.860	1" cop. 0.995	1 1/2" P.E. 1.242	1 1/2" cop. 1.481	2" P.E. 1.624	2" cop. 1.959
50	22.57	13.37	6.65	3.27	1.11	0.47	0.30	0.12
100	45.13	26.74	13.30	6.54	2.22	0.94	0.60	0.24
150	67.70	40.10	19.95	9.81	3.34	1.42	0.90	0.36
200	90.26	53.47	26.60	13.08	4.45	1.89	1.21	0.48
250	112.83	66.84	33.24	16.35	5.56	2.36	1.51	0.61
300	135.39	80.21	39.89	19.62	6.67	2.83	1.81	0.73
350	157.96	93.58	46.54	22.89	7.78	3.31	2.11	0.85
400	180.52	106.95	53.19	26.17	8.90	3.78	2.41	0.97
450	203.09	120.31	59.84	29.44	10.01	4.25	2.71	1.09
500	225.65	133.68	66.49	32.71	11.12	4.72	3.02	1.21
550	248.22	147.05	73.14	35.98	12.23	5.20	3.32	1.33
600	270.78	160.42	79.79	39.25	13.34	5.67	3.62	1.45
650	293.35	173.79	86.43	42.52	14.46	6.14	3.92	1.57
700	315.91	187.15	93.08	45.79	15.57	6.61	4.22	1.70
750	338.48	200.52	99.73	49.06	16.68	7.08	4.52	1.82
800	361.04	213.89	106.38	52.33	17.79	7.56	4.83	1.94
850	383.61	227.26	113.03	55.60	18.90	8.03	5.13	2.06
900	406.17	240.63	119.68	58.87	20.02	8.50	5.43	2.18
950	428.74	253.99	126.33	62.14	21.13	8.97	5.73	2.30
1000	451.30	267.36	132.98	65.41	22.24	9.45	6.03	2.42

Calculations were made with the following assumptions:

1. Hazen Williams C factor is 150 for both copper and P.E. tubing.
2. P.E. tubing is sized to approximate copper tubing sizes.
3. P.E. tubing is rated as SDR 9 - 200 psi.

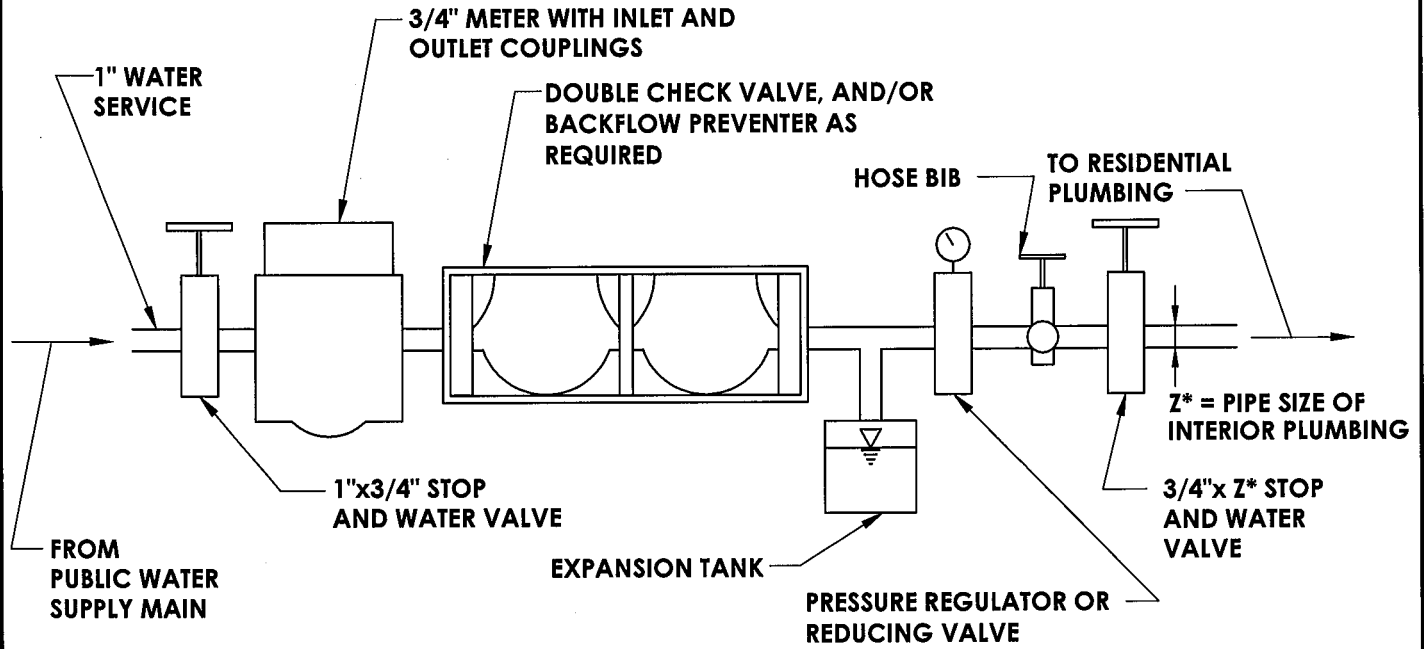


**APPENDIX B**

**WATER SERVICE DETAILS**







**NOTES:**

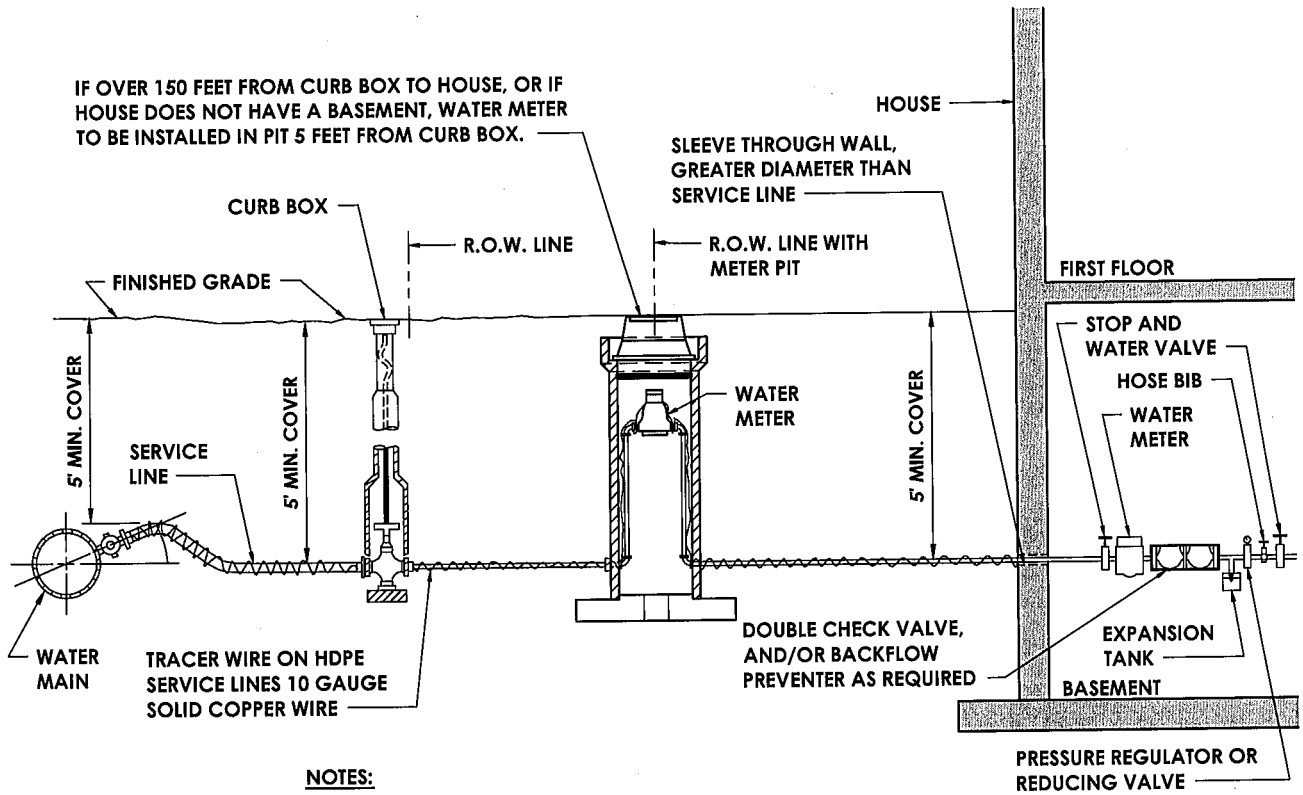
1. WATER METERS ARE NOT TO BE INSTALLED ON INCORRECT PLUMBING PROVISIONS OR WITHIN CRAWL SPACE LOCATIONS.
2. STOP AND WATER VALVE TO BE INSTALLED BEFORE AND AFTER WATER METER.
3. IF A BACKFLOW PREVENTER IS REQUIRED, IT SHALL IMMEDIATELY FOLLOW THE WATER METER BEFORE ANY SIDE CONNECTION.

## TYPICAL RESIDENTIAL INSIDE METER INSTALLATION DETAIL

N.T.S.

TOWN OF ALABAMA
WATER DETAILS
<b>TYPICAL RESIDENTIAL INSIDE METER INSTALLATION DETAIL</b>
DRAWING W-1

OCTOBER 2016



**NOTES:**

1. THIS DETAIL IS FOR REFERENCE BY HOMEOWNERS.

# TYPICAL RESIDENTIAL WATER SERVICE CONNECTION TO HOUSE

N.T.S.

TOWN OF ALABAMA
WATER DETAILS
<b>TYPICAL RESIDENTIAL WATER SERVICE CONNECTION</b>
DRAWING W-2

OCTOBER 2016

APPENDIX C

FEE SCHEDULE



## APPENDIX C

### FEE SCHEDULE

#### 1.0 Unit Definition

- 1.1 Residential/Minor Commercial: Each single-family residential dwelling shall be considered one unit and will typically have a 1-inch or less service line and a ¾ inch meter. Included in this category will be single family houses, mobile homes, and individual apartments. Multiple single-family dwellings on the same parcel of land will each be considered an individual unit. Any facility will be considered as a minimum of one unit.
- 1.2 Agricultural/Industrial/Major Commercial: Agricultural, Industrial and Major Commercial facilities will be assigned an equivalent number of units based on the following method: The average daily usage divided by 1,500 gpd = number of units. Average daily usage will be determined by prior year history – to be reviewed annually. The number of units for new accounts will be based on the 1<sup>st</sup> quarter of usage, and will be adjusted at the end of the 1<sup>st</sup> full year.

#### 2.0 Fees and Charges

##### 2.1 Retail Service

- A. Residential/ Commercial – Billed Quarterly
- Base charge per Unit (see Unit Definition for Residential and Commercial Use) \$ 0.00
  - Charge per 1000 gallons \$ 4.70
- B. Agricultural Rate
- Base Charge per unit (See Unit Definition for Agricultural Use) \$ 0.00
  - Charge per 1000 gallons \$ 3.73
- C. Tank Truck (Bulk Usage)
- Charge per 1000 gallons \$ 4.70

##### 2.2 Hydrants

- Hydrant installation (Material costs only, Labor costs covered by O&M) at cost

##### 2.3 Service Connection Charge

- 1-inch tap & connection at cost
- All other sized tap & connection at cost
- Bored crossing at cost

Service connection charges include a maximum of fifty (50) feet of service line. Any Town installed service line installed past fifty (50) feet shall be billed at the Town's cost of construction, including cost of material and the going hourly rates for labor and equipment.

##### 2.4 Field Service Charges

- A. Meter Test – Customer Request
- 1-inch Meter at cost
  - All Other Size Meters at cost
- B. Service Shut Off and/or Meter Removal
- Meter Removal (Seasonal) \$ 25.00
  - Meter Set no charge
  - Service On/Off \$ 25.00
- C. Material Cost
- 1-inch at cost
  - All Other Sizes at Owner's cost
- D. Replacement of damaged Meter at cost

