

## TOWN OF FLOWER MOUND

### ORDINANCE NO. 60-19

**AN ORDINANCE OF THE TOWN COUNCIL OF THE TOWN OF FLOWER MOUND, TEXAS, AMENDING THE CODE OF ORDINANCES, CHAPTER 70: UTILITIES BY REPLACING SECTION 70-55, 70-56, AND 70-57 AND ADDING A NEW SECTION 70-58, AND 70-59, OF ARTICLE II, ENTITLED "WATER SERVICES;" PROVIDING THIS ORDINANCE SHALL BE CUMULATIVE OF ALL ORDINANCES; PROVIDING A SEVERABILITY CLAUSE; PROVIDING A SAVINGS CLAUSE; PROVIDING A PENALTY; PROVIDING FOR PUBLICATION IN THE OFFICIAL NEWSPAPER; AND PROVIDING AN EFFECTIVE DATE.**

**WHEREAS**, the Town of Flower Mound, Texas (the "Town") is a home rule municipal corporation organized and existing by virtue of the Constitution and laws of the State of Texas and by its Home Rule Charter adopted November 3, 1981; and,

**WHEREAS**, the Town possesses all the rights, powers, and authority possessed by a home rule municipality pursuant of Article XI, Section 5 of the Texas Constitution, Section 51.072 of the Texas Local Government Code, and the Town's Home Rule Charter, to regulate utility meter services and the fees for the services provided; and,

**WHEREAS**, the Town Council of the Town of Flower Mound has recognized that due to an advance in technological updates in meter reading and the Meter Services Division's procedures, the Town has determined that it is necessary to amend sections 70-55, 70-56, and 70-57 and add two new sections, 70-58, and 70-59; and,

**WHEREAS**, the proposed standards will allow the Town of Flower Mound to continue to operate in a more efficient manor by clarifying the content of each section.

**NOW, THEREFORE, BE IT ORDAINED BY THE TOWN COUCIL OF THE TOWN OF FLOWER MOUND, TEXAS, THAT:**

#### **SECTION 1**

That Sections 70-55, 70-56, and 70-57 of the Code of Ordinances, Town of Flower Mound, Texas, are hereby amended to read as follows:

**§70-55. Re-reading; Testing; Water meter and Equipment Replacements; Check for leak and Data Logging Information.**

- (a) Upon the request of any water customer, the Town will re-read such customer's water meter at no charge; provided, however, that such re-read shall not be done more often than once in a twelve-month period. Any re-read request of such customer's meter, more often than once in a twelve-month period, shall be charged a fee for each additional re-read, as provided for in the fee schedule found in Appendix A of this Code. Upon the second re-read request within the

allotted time frame if it is determined that the meter read was incorrect, there shall be no re-read fee charged to the water customer.

- (b) If a property owner suspects that a water meter is registering improperly and requests that the water meter be tested, the water meter, which is the property of The Town of Flower Mound, will be tested. The water meter will be removed and a new water meter installed. The removed water meter shall be tested by an outside testing facility chosen by the Town. If, upon testing, the water meter reads below or within the approved standards of the American Water Works Association (A.W.W.A), the customer shall be charged according to the water meter testing fees as provided for in the fee schedule found in Appendix A of this Code. If the water meter test indicates that the water meter is testing above the A.W.W.A standard, no such charges will be made and the water customer's bill will be adjusted for the previous three (3) months from the last bill received using the percentage that is above the A.W.W.A standard.
- (c) If a water meter stops registering usage for any reason, so that the actual amount of water used cannot be determined, the Town will replace the water meter and bill the customer by taking a three (3) year average of the water used for the same billing period. If no prior history is available, the system average will be used.
- (d) If any water meter reading equipment, including but not limited to, the water meter register and the radio read unit, is damaged, or willfully or accidentally destroyed, the contractor, builder and/or water customer will be billed for the replacement of the equipment as provided for in the fee schedule found in Appendix A of this Code.
- (e) If a water meter box is damaged, or willfully or accidentally destroyed, the contractor, builder and/or water customer will be billed for the replacement of the water meter box as provided for in the fee schedule found in Appendix A of this Code.
- (f) If a water customer damages, or willfully or accidentally destroys the barrel lock after the water service has been disconnected due to non-payment and/or prior to establishing water service or prior to a Town Official reconnecting the water service after payment has been made, the water customer will be billed for the barrel lock, trip charge, and administrative fees as provided for in the fee schedule found in Appendix A of this Code.
  - (1) Any other damage caused to the Town's water system, such as cutting off the locking tabs on the angle stop, will also be billed to the customer's account to cover the cost of parts, labor, trip charge, and administrative fees for work completed by the Public Works Department.
- (g) Upon the request of any water customer, the Town will check for a leak at the customer's water meter at no charge, provided, however, that such leak check shall not be done more often than once in a twelve-month period. Any check for

leak request of such customer's meter, more often than once in a twelve-month period, shall be charged a fee for each additional leak check, as provided for in the fee schedule found in Appendix A of this Code. If it is determined that there is a water leak on either the Town's side and/or customer's side of the meter, the customer will not be billed a trip charge. For this paragraph the term "Town's side" is any leak at the rear meter tail/coupling gasket or before the water meter.

- (h) Upon the request of any water customer's water meter that is equipped with a data logging device, the Town will pull the data logging information on such customer's water meter at no charge; provided, however, that such data pull shall not be done more often than once in a twelve-month period. Any data pull request of such customer's meter, more often than once in a twelve-month period, shall be charged a fee for each additional data pull, as provided for in the fee schedule found in Appendix A of this Code. If it is determined that there is a water leak on either the Town's side and/or customers side of the meter, the customer will not be billed a trip charge. For this paragraph the term "Town's side" is any leak at the rear meter tail/coupling gasket or before the water meter.

#### **§70-56. Water Meter Fee Schedule.**

- (1) The water meter fee schedule for the Town is as set forth in the fee schedule found in Appendix A of this Code.
  - (a) The Town will not furnish a water meter or allow connection to the Town's water or wastewater system until the applicant for such connection provides proof of receipt to the Customer Service Department that the water and/or wastewater impact fees required by Section 42-37, entitled "Fee calculation," have been paid in full.

#### **§70-57. Town-issued Fire Hydrant Meter(s).**

- (1) For the use of a Town-issued fire hydrant water meter(s) and backflow prevention assembly, the Town has implemented a conditional agreement between the contractor, builder, and/or customer to be used on the Town's water system for a short-term basis only.
  - (a) The "Fire Hydrant Meter Use Agreement" which is available on the Town's website and is on file in the office of the Town Secretary and fully incorporated in this section by reference as Exhibit A.

### **Section 2**

That chapter 70 of the Code of Ordinances, Town of Flower Mound, Texas, is hereby amended by adding section 70-58 and section 70-59, which said sections read as follows:

#### **§70-58. Residential and Commercial Water Meter Installation Policy.**

- (1) Residential and Commercial water meters 5/8-inch x 3/4-inch – 2-inch non-compound HPT/T-10 water meters.
  - (a) The Town of Flower Mound has implemented a water meter installation procedure, which provides for the installation of water meters by individual contractors and/or builders. This procedure requires all contractors and/or builders engaged in new construction of residential or commercial building to install water meters using their own labor resources.
  - (b) Notice of Non-Compliance
    - (1) All contractors and/or builders are hereby notified that during the entire construction process, all installation procedures shall be followed. If any procedure is violated at any time during the construction process, an employee of the Town of Flower Mound shall issue a warning notifying the contractor and/or builder of the violation. The contractor and/or builder will then have three (3) business days to have the violation corrected. If the violation is not corrected within three (3) business days it shall result in all inspections of that contractor and/or builder to be suspended by the Town, until such problem is corrected.
  - (c) Town Supplied Water Meter Materials
    - (1) All water meters 5/8-inch x 3/4-inch through 1-inch are supplied with the following materials:
      - (a) One non-lead meter coupling; and
      - (b) Two rubber meter gaskets.
    - (2) All non-compound water meters 1.5-inch through 2-inch HPT/T-10 are supplied with the following materials:
      - (a) One non-lead meter flange;
      - (b) Two flange gaskets; and
      - (c) Four nuts and four bolts.
    - (3) All materials supplied with the water meter must be used in conjunction with the installation of the water meter. It is the contractor and/or builder(s) responsibility to supply all other materials required in the installation of the water meter. On all commercial and residential curb stops 1-inch up to 2-inches that need to be reduced, the plumber shall use a meter adapter made of non-lead domestic brass (PVC reducers are not allowed in between the angle stop and the water meter). When connecting a 5/8-inch x 3/4-inch water meter to a 1-inch curb stop, the plumber must use a non-lead brass reducer bushing with washers, no

foreign brass products are allowed on the Town's water system. See the Town's "Construction Standards" for a list of approved manufactures.

(d) Setting Water Meter Requirements

- (1) After the water meter is purchased, the contractor and/or builder(s) are required to set the water meter(s) within ten (10) working days. After ten (10) working days, if the water meter(s) is not installed, Town personnel may ask the contractor and/or builder to return any such meter(s) to the Customer Service Department until the meter(s) is ready to be installed.
- (2) When installing a T-10 or an HP Turbine water meter, the following installation instructions shall be followed:
  - (a) All water meter(s) shall be installed by a licensed utility contractor, irrigator, and/or plumber at or before the plumbing rough in a horizontal position with the register dial facing upward.
  - (b) Water meters shall be installed by connecting the inlet side of the water meter to the Town's angle stop, no meter tails and/or couplings are allowed in between the water meter and the angle stop.
  - (c) The line opening for the meter in between the curb stop and the customer's service line should match the lay length, allowing slight additional spacing for coupling gaskets.
  - (d) The service line should be axially aligned with the inlet and outlet sides of the meter so that the coupling and meter threads can engage without binding or cross-threading.
  - (e) The water meter coupling and/or flange must be attached to the outlet side of the water meter.
  - (f) After the water meter has been installed, a water meter box/lid must be kept around the water meter at all times to help prevent the water meter from being damaged.
  - (g) The curb stop and the water meter coupling nut and/or flange must be accessible without any obstructions from inside of the water meter box.
  - (h) Water meters shall be installed at the address indicated on the water meter to prevent billing errors. If a water meter is installed at the wrong location, an administrative fee and a trip charge as set forth in Appendix A of the Code of Ordinances will be charged to the contractor and/or builder(s) account for correcting the information in the Town's billing system for each address.

- (i) Any contractor and/or builder found to be installing water meters not purchased through the Town shall be in violation of Section 70-59, entitled, "Town-issued water meter(s) mandatory." The meter(s) will be confiscated, the contractor and/or builder will be billed for the consumption that has registered on the meter, using a starting read of ten (10) and all inspections for said contractor and/or builder may be halted until such violation is corrected and a penalty fee will be assessed for each occurrence as set forth in the fee schedule found in Appendix A of this Code.
- (j) Streets with or without curbs must be marked with a straight saw-cut and painted blue at each service location to include domestic and irrigation meters.

(e) Damaged and/or Destroyed Water Meters

- (1) If a water meter is installed backwards, the contractor and/or builder must have the water meter reinstalled in the correct position at their expense within three (3) business days. If there is any negative usage on the meter, the account will be billed the negative usage and a trip charge, along with an administrative fee will be billed to the account as set forth in the fee schedule found in Appendix A of the Code of Ordinances. The Town has the right to lock the service until the repairs are made.
- (2) If a water meter freezes during cold weather and becomes nonfunctional before the Meter Services Technician takes the beginning read for the new occupant, it shall be the contractor and/or builder(s) responsibility to purchase and install a new water meter from the Town at their expense. The Town does not allow plumbers, utility contractors, and/or irrigators to install refurbished and/or repaired meters. The water meter fee schedule is as set forth in the fee schedule found in Appendix A of the Code of Ordinances. The Town has the right to lock the service until the repairs are made.
- (3) If the water meter data logger register is damaged and/or destroyed during the construction process, the contractor and/or builder shall be billed the cost of the data logger register, labor charge, trip charge, and an administrative fee as set forth in the fee schedule found in Appendix A of the Code of Ordinances. If the water meter is damaged beyond repair, it is the responsibility of the contractor and/or builder to purchase and install a new water meter at their expense. The Town has the right to lock the service until the repairs are made.
- (4) Prior to purchasing a replacement water meter(s) that has been damaged or destroyed, the contractor and/or builder must return the damaged or

destroyed water meter(s) to the Customer Service Department before a new water meter(s) is issued.

- (5) The contractor and/or builder shall have all water, mud, and/or debris cleaned out of the water meter box on the day the new home owner has scheduled an occupant change for new water service. This will allow the Meter Services Technician to perform the final water meter inspection. If the water meter installation to include the water meter, water meter box and curb/angle stop, do not meet the water meter installation policies and/or construction standards the water service will stay in the contractor and/or builder(s) name until the issue has been corrected. Not correcting the deficiency within 3 business days may result in all inspections for said contractor and/or builder to be put on hold until the violation is corrected.

(f) Water Meter Box Requirements

- (1) All new subdivisions that have been developed are supplied with a water meter box by the developer, located at the property line near the curb. All existing residential lots that have not been developed must provide a Town approved water meter box. If at any time during the construction process the water meter box becomes damaged, it is the contractor and/or builder(s) responsibility to purchase and install a new water meter box at their expense. If a water meter box becomes damaged and must be replaced in an area that was approved prior to the effective date of this ordinance, the contractor and/or builder must comply with the most current Town "Construction Standards."
- (2) Water meter boxes/lids for all angle stops up to 1 inch shall be DFW37C-SBSM series or approved equal and all water meter boxes/lids for all angle stops 1.5 inches through 2 inches for non-compound HPT or T-10 water meters shall be DFW65C-12-SBSM or approved equal.
- (3) Approved equal – Any water meter box/lid other than a DFW37/65 series meter box/lid, will require a detail spec sheet of the meter box/lid and it shall be submitted during the planning process and must be approved by the Meter Services Division.
- (4) When setting a water meter box, the correct placement of the box shall be centered over the water meter and in line with the service. The top of the water meter box shall match the surrounding surface elevation (example – curb or sidewalk).
- (5) Prior to the water meter box being set, there shall be a 3-inch (3") minimum of pea gravel placed under the water meter box as a base. Pouring the pea gravel into the water meter box will result in the water

meter and water meter box setting to fail inspection. The pea gravel must not cover the water meter or couplings/flanges at any time.

- (6) All water meter boxes and services shall be located in a utility easement dedicated to the Town. The water meter box shall be installed with a minimum clearance of 6-inches (6") behind the back of curb and shall not be installed in any sidewalk, drive, or parking area. The center of the meter swivel nut and/or flange on the angle stop shall be located within the meter box no less than 8 inches below grade or 10 inches deeper than grade. Any location variances will need to be preapproved. All other additional water meter box requirements not referenced within this ordinance must reference the Town's "Construction Standards."
- (7) The landscaper and/or irrigator shall not install any irrigation lines within 2 feet of the water meter box and at no time shall any irrigation lines be ran over the top of the water meter box.

(g) Looped and/or multiple water source connections

- (1) All residential and/or commercial facilities that require two different sources of water or are on a looped system shall install a back flow preventer after the water meter.
  - (2) The back flow preventer shall be installed after the water meter and before the two water sources are connected – this will prevent any reverse flows along with any cross contamination of the Town's water system.
  - (3) The back flow preventer shall not be installed within 2 feet of the meter box.
  - (4) The back flow preventer shall be owned, operated, and tested annually by the facility owner at the facility owner's expense.
  - (5) If it is determined that any reverse flows have occurred the builder and/or contractor shall install a back flow preventer at their expense.
- (2) Residential and Commercial water meters 2-inch – 6-inch Compound and/or 3-inch – 6-inch HP Turbine water meters.
- (a) The Town of Flower Mound has implemented a water meter installation procedure, which provides for the installation of water meters by individual contractors and/or builders. This procedure requires all contractors and/or builders engaged in new construction of residential or commercial building to install water meters using their own labor resources.
  - (b) Notice of Non-Compliance

- (1) All contractors and/or builders are hereby notified that during the entire construction process, all installation procedures shall be followed. If any procedure is violated at any time during the construction process, an employee of the Town of Flower Mound may issue a warning notifying the contractor and/or builder of the violation. The contractor and/or builder will then have three (3) business days to have the violation corrected. If the violation is not corrected within three (3) business days it shall result in all inspections of that contractor and/or builder to be suspended, until such problem is corrected.
- (c) Town Supplied Water Meter Materials
- (1) Compound meters two-inches (2") and larger or three-inch (3") and larger HP-Turbine meters are supplied with the following materials:
    - (a) Two flange gaskets;
    - (b) Four nuts and four bolts for large meters under 4 inches; and
    - (c) Six nuts and six bolts for large meters over 6 inches.
  - (2) All materials supplied with the water meter must be used in conjunction with the installation of the water meter. It is the contractor and/or builder(s) responsibility to supply all other materials required in the installation of the water meter. At no time shall any foreign brass products be allowed on the Town's water system. See the Town's "Construction Standards" for a list of approved manufactures.
- (d) Damaged or Destroyed Water Meters
- (1) If a water meter is installed backwards, the contractor and/or builder must have the water meter reinstalled in the correct position at their expense within three (3) business days. The account will be billed the negative usage and a trip charge, and an administrative fee will be billed to the account as set forth in the fee schedule found in Appendix A of the Code of Ordinances. The Town has the right to lock the service until the repairs are made.
  - (2) If a water meter freezes during cold weather and is non-functional it shall be the contractor and/or builder(s) responsibility to purchase a new water meter from the Town and have it installed at their expense. The water meter fee schedule is as set forth in the fee schedule found in Appendix A of the Code of Ordinances. The Town has the right to lock the service until the repairs are made.
  - (3) If a water meters data logger register(s) is damaged or destroyed during the construction process, the contractor and/or builder shall be billed the cost of the register, labor charge, trip charge, and an administrative fee as

set forth in the fee schedule found in Appendix A of the Code of Ordinances. If the water meter is damaged beyond repair, it is the responsibility of the contractor and/or builder to purchase and install a new water meter from the Town at their expense. The Town has the right to lock the service until the repairs are made.

- (4) Prior to purchasing a replacement water meter(s) that has been damaged or destroyed, the contractor and/or builder must return the damaged or destroyed water meter(s) to the Meter Services Division before a new water meter(s) is issued. The Town does not allow refurbished and/or repaired meters to be installed while under construction and/or prior to the certificate of occupancy.
  - (5) All water meters purchased by contractor(s) and/or builder(s) for new construction are the sole property of the Town of Flower Mound and must remain at the address to which the meter is assigned. Water meters in this class size take approximately 45 plus days after the order is received to be delivered.
- (e) Water Meter Vault Requirements
- (1) The Town of Flower Mound requires all vaults to be pre-fabricated and all walls shall be a monolithic pour with no seams or extensions. All side walls shall be 6-inches thick with 4,500 psi concrete reinforced with #4 re-bar on 8-inch centers both ways. All vaults shall be Park, Brooks, and American and/or approved equal. These are minimum specifications.
  - (2) The bottom of the vault shall be 6 inches thick with 4,500 psi concrete with #4 re-bar on 12-inch centers both ways. A 4-inch deep with a 12 inch x 12-inch sump with a cast iron grate shall be installed on the bottom of the slab. A 4-inch cushion of sand shall be installed under the slab.
  - (3) The vault shall not be installed in any drive or parking area and must be located in a utility easement dedicated to the Town of Flower Mound. The top of the vault shall match the surrounding surface elevation (example – curb or sidewalk).
  - (4) The lid shall be a J-4AL Bilco door (3-feet x 3-feet) for 2-inch – 4-inch meter vaults and JD-2AL Bilco (4-feet x 4-feet) door for 6-inch – 8-inch meter vaults. The design loads for the lid shall consist of dead, live, impact loads, and in addition loads due to water table and any other loads which may be imposed upon the structure. Live loads shall be for H-20 per AASHTO standard specifications for highway bridges. Design wheel load shall be 16 kips. The live load shall be that which produces the maximum shear and bending movements in the structure. The lids shall be equipped with a hold-open mechanism and flush locking devices. The access door must have (2) 2-inch holes drilled 6-inches apart in the center

of the lid for AMR reading devices. The aluminum must be protected from the concrete during casting.

- (5) All vaults must have a galvanized steel ladder with Bilco Ladder-up Safety posts. The ladder must be in line with the access lid for easy entrance in to the vault for repairs and/or testing.
- (6) All piping inside the vault must be ductile iron pipe with flanged fittings. Town Standards – American National Standard for ductile iron AWWA standard C151 (ANSI A21.51).
- (7) The contractor shall make the by-pass and meter test tap inside of the vault. The by-pass line must be the same pipe size as the main line. If the service is strictly to be used as irrigation, a by-pass will not be necessary. The test tap must be installed at least 2 pipe diameters downstream from the meter and all test taps shall be 2-inches and the contractor shall install an approved service saddle with non-lead brass nipple and non-lead brass gate valve. The test tap gate valve must have a threaded end discharge pipe.
- (8) The main line and by-pass gate valves shall be resilient wedge. All main line and by-pass valves shall be flanged on both ends and have hand wheels. All gate valves must be one of the approved manufactures listed in the Towns “construction standards” or approved equal.
- (9) The contractor shall have a choice of having link seal or wall sleeves (model WS-6-28-5-6 for 3-inch pipe; model WS-8-32-5-6 for 4-inch pipe; model WS-10-38-5-6 for 6-inch pipe; model WS-12-37-5-6 for 8-inch pipe. The above mentioned wall sleeves shall use the following Link Seal: for a 3-inch pipe – 5 #LS325-C; for 4-inch pipe-5 #LS400-C; for 6-inch pipe-7 #LS400-C; for 8-inch pipe-9 #LS400-C. Breaking the wall with a jackhammer or using a pre-cast knockout panels is not permitted.
- (10) Pipe and fittings shall be constructed a minimum of 1-foot above the vault floor and there shall be a minimum of 2-feet from the side walls. The by-pass tees shall be a minimum of 1-foot from the side wall. There shall be a concrete and/or galvanized steel support under each valve.
- (11) Minimum depth of any vault shall be 4-foot 6-inches.
- (12) The contractor and/or builder must purchase the water meter from the Town. All other parts will be supplied by the contractor at the contractor’s expense.
- (13) Documentation shall be provided to the Town’s Engineering Department showing that the vault meets the required specs listed above.

(14) Vault detail – W-12 Town Construction Standards.

(15) Water meter vault sizes.

(a) Vault sizes are: length x width x height

(1) 2" compound meter w/2" by-pass	6', 0" x 6', 0" x 6', 0"
(2) 3" compound meter w/3" by-pass	9', 0" x 6', 0" x 6', 0"
(3) 3" HP Turbine meter	6', 0" x 6', 0" x 6', 0"
(4) 4" compound meter w/4" by-pass	9', 0" x 6', 0" x 6', 0"
(5) 4" HP Turbine meter	6', 0" x 6', 0" x 6', 0"
(6) 6" compound meter w/6" by-pass	13', 0" x 7', 0" x 6', 0"
(7) 6" HP Turbine meter	9', 0" x 6', 0" x 6', 0"

(f) Setting and Putting the Water Meter into Service Requirements.

(1) After the water meter is purchased, the contractor and/or builder(s) are required to set the water meter(s) within ten (10) working days. After ten (10) working days, if the water meter(s) is not installed, Town personnel may ask the contractor and/or builder to return any such meter(s) to the Customer Service Department until the meter(s) is ready to be installed.

(2) When installing a Tru/Flo Compound or an HP Turbine meter, the following installation instructions shall be followed:

(a) The meter manufacturer along with the Town requires that all Tru/Flo Compound and/or HP Turbine meters be installed with a plate strainer at the meter inlet. The strainer, in addition to protecting the meter from debris in the line, also corrects the velocity profile of the flow to the meter.

(b) Install the Tru/Flo Compound and/or HP Turbine water meter horizontally with all registers facing upwards.

(c) Do not install pressure reducing or check valves before the inlet-side of the water meter.

(d) Do not open or connect any service pipe to the plugs located on the side of the Tru/Flo Compound water meter. These plugs are designed for the multi-jet meter low flow, allowing factory installation of a low flow water meter.

(e) When installing a TRU/FLO Compound and/or HP Turbine meter, normal good piping practice should always be followed. In particular, all gaskets should be centrally located on their flanges with no overlap

or interference with the pipe diameter. This is particularly important at the inlet connection to the meter where a gasket protruding into the flow stream will cause unpredictable velocity conditions.

- (f) Caution should be exercised to avoid air in the line, sudden flow surges, or excessive flow rates since these conditions may cause severe damage to the meter.
  - (g) Water meters shall be installed at the address indicated on the water meter to prevent billing errors. If a water meter is installed at the wrong location, an administrative fee and a trip charge as set forth in Appendix A of the Code of Ordinances will be charged to the contractor and/or builder(s) account for correcting the information in the Town's billing system for each address.
  - (h) Any contractor and/or builder found to be installing water meters not purchased through the Town shall be in violation of Section 70-59, entitled, "Town-issued water meter(s) mandatory." The meter(s) will be confiscated, the contractor and/or builder will be billed for the consumption that has registered on the meter, using a starting read of ten (10) and all inspections for said contractor and/or builder may be halted until such violation is corrected and a penalty fee will be assessed for each occurrence as set forth in the fee schedule found in Appendix A of this Code.
  - (i) Streets with or without curbs must be marked with a straight saw-cut and painted blue at each service location to include domestic and irrigation meters.
- (g) Before Operation
- (1) Before putting the TRU/FLO Compound meter in service follow these steps:
    - (a) Before opening the valve at the main, make sure the by-pass, inlet and outlet valves are in the "fully closed" position.
    - (b) Slowly open the valve at the main and let it pressurize the service line from the main to the in-let valve on the water meter.
    - (c) Before opening the inlet valve, turn air bleed on meter cover counter-clockwise one to two turns.
    - (d) With outlet-side gate valve closed, SLOWLY open inlet-side valve to pressurize meter.

- (e) Close air bleed screw (clockwise) when air is completely vented and no “spitting” occurs.
- (f) SLOWLY open outlet-side gate valve until downstream is pressurized.
- (2) After installation, it is important that the upstream (inlet) valve be put in the “full open” condition during service. A partially throttled upstream valve will cause flow profile distortion which will adversely affect meter accuracy. All throttling should be done ONLY on the downstream (outlet) side of the meter.
- (3) Before leaving the site, check for any possible leaks. If any leaks are discovered, shut the inlet-side valve down followed by the outlet-side valve slowly and make the necessary repairs.
- (4) At all times during the construction process the water meter vault shall be clean and free of debris.
- (5) If at any time during the construction process the water meter registers any negative usage, the contractor and/or builder will be required to install a backflow preventer device after the meter vault and before any usable water source at their expense.
- (h) Looped and/or multiple water source connections.
  - (1) All residential and/or commercial facilities that require two different sources of water or are on a looped system shall install a back flow preventer after the meter.
    - (a) The back flow preventer shall be installed after the water meter and before the two water sources are connected – this will prevent any reverse flows along with any cross contamination of the Town’s water system.
    - (b) The back flow preventer shall not be installed within 2 feet of the meter vault.
    - (c) The back flow preventer shall be owned, operated, and tested annually by the facility at their expense.

**§70-59. Town-issued Water Meter(s) Mandatory.**

- (a) All contractors and/or builders installing water meters shall purchase all water meter(s) from the Town. The Town reserves the right to determine the size, type, and right to own and control all water meters installed or used by customers of its water or wastewater system.

- (b) Contractors, builders and/or water customers shall not purchase any replacement meter(s) and/or equipment that has been damaged and/or destroyed from any other vendor, website and/or person. All replacement meter(s) and/or equipment shall be purchased from the Town.

### **SECTION 3**

This Ordinance shall be cumulative of all provisions of ordinances and of the Code of Ordinances of the Town of Flower Mound, Texas, as amended, except when the provisions of this Ordinance are in direct conflict with the provisions of such ordinances and such code, in which event the conflicting provisions of such ordinances and such code are hereby repealed.

### **SECTION 4**

That should any sentence, paragraph, subdivision, clause, phrase or section of this Ordinance be adjudged or held to be unconstitutional, illegal or invalid, the same shall not affect the validity of this Ordinance as a whole, or any part or provision thereof other than the part so decided to be invalid, illegal or unconstitutional, and shall not affect the validity of the Code of Ordinances as a whole.

### **SECTION 5**

All rights and remedies of the Town of Flower Mound are expressly saved as to any and all violations of the provisions of the Code of Ordinances as amended or revised herein, or any other ordinances affecting the matters regulated herein which have accrued at the time of the effective date of this ordinance; and, as to such accrued violations and all pending litigation, both civil and criminal, whether pending in court or not, under such ordinances, same shall not be affected by this ordinance but may be prosecuted until final disposition by the courts.

### **SECTION 6**

That any person, firm or corporation violating any of the provisions or terms of this Ordinance or the Code of Ordinances as amended hereby shall be deemed guilty of a misdemeanor, and upon conviction shall be punished by a fine not to exceed the applicable general penalty fine amount as provided by Section 1-13 of the Flower Mound Code for each offense, and each and every day such violation shall continue shall constitute a separate offense.

### **SECTION 7**

The Town Secretary of the Town of Flower Mound is hereby directed to publish the caption in the official newspaper of the Town of Flower Mound as required by

Section 3.07 of the Charter of the Town of Flower Mound.

**SECTION 7**

This Ordinance shall take effect and be in full force from and after the date of its passage and publication.

**DULY PASSED AND APPROVED BY THE TOWN COUNCIL OF THE TOWN OF FLOWER MOUND, TEXAS, BY A VOTE OF 5 TO 0, ON THIS THE 7TH DAY OF OCTOBER, 2019.**

**APPROVED:**

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**Steve Dixon, MAYOR**

**ATTEST:**

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**Theresa Scott, TOWN SECRETARY**