

CHAPTER 12

UTILITIES

SECTION 1: PURPOSE AND INTENT

The following requirements and regulations are intended to provide water, sanitary sewer, and solid waste facilities necessary to: 1) meet the level of service requirements of the Comprehensive Plan; 2) provide adequate service capacities for individual projects; and 3) meet the requirements of other related Codes and standards adopted by the City or required by regional, state and federal agencies.

SECTION 2: DEFINITIONS

See Chapter 2, “Definitions and Interpretations” of this Code.

SECTION 3: IN GENERAL

a) Connection to Umatilla Utility Systems

Unless specifically allowed otherwise herein, all water and sanitary sewer improvements shall be designed to connect to the City’s central utility systems.

b) Adoption of Standard Construction Details

All utility construction shall comply with Standard Construction Details as adopted by the City Council. Any deviation from the adopted standards shall be clearly noted in plans and specifications as such and specifically approved by the City. If inadvertent deviations in plans are not so noted, adopted standards shall apply.

SECTION 4: WATER SERVICE

a) Minimum Service Requirements

All development shall provide new facilities, or expand existing facilities, to provide minimum service as follows:

- 1) Sites shall construct water mains necessary to provide adequate water service for domestic use and fire protection to each lot created. Minimum water main size installed shall be per the Water and Sewer Utilities Standard Specifications.

- 2) Water service taps shall be installed for each lot, with a minimum three-quarter inch (3/4") tap for single residential service, and a minimum one inch (1") tap for a double residential service.
- 3) Commercial services shall be sized based on the anticipated highest water demand of allowed land uses.

b) Water Distribution System Design

The layout of water distribution systems shall comply with the following design criteria and the adopted Water and Sewer Utilities Standard Specifications of the City.

- 1) Minimum Size. When designing water mains to meet the criteria, main size shall always be sized so that any new main is fed by an existing main of equal or larger size.
- 2) Extension of lines to project boundaries. Water mains shall be designed to "stub out" to the project boundaries to serve adjacent unserved properties. This shall include mains in all right-of-way stubs, across the entire project frontage on existing roads without existing mains, and to the property boundary via easement when there is insufficient access to provide a looped system to adjacent unserved properties.
- 3) Looping. Except as provided below, all water mains shall be looped to provide for adequate pressures and system redundancy. Water mains shall be designed so that in the event that water supply is interrupted on one end of the loop the flow of water to the loop shall not be entirely eliminated. In order to meet the requirement for such system looping the points of new connection to the existing distribution system shall be as far apart as possible and no closer than five-hundred (500) feet along the existing water line(s).
- 4) Provisions for non-looped water mains: In recognition of the fact that looped water mains are sometimes unnecessary or impractical, the following applications are permitted:
 - A) In cul-de-sacs or cases where a fire hydrant is required on the opposite side of a right-of-way from an existing water main, dead-end water mains supplied by a looped water main of equal or larger size may be extended up to two hundred fifty (250) feet for required six inch (6") water mains, and up to five hundred (500) feet for required eight inch (8") and larger water mains.
 - B) Dead end mains exceeding the length allowed above may be allowed where the main is increased in size by at least two inches

(2") in diameter, and design pressures can still meet the requirements of this Code.

- C) Temporary dead end lines may be permitted in those areas where there is no ability to loop lines within the criteria of this Code until adjoining properties are developed. Such dead-end lines shall only be allowed when served by mains of eight-inch (8") diameter or greater, and where clearly designed to extend to adjoining properties in the future.

c) Fire Hydrants

Fire hydrants shall be installed per the Water & Sewer Utilities Standard Specifications.

- 1) Placement and Spacing. Except as provided herein, fire hydrants shall be installed at all street intersections and at intervals between street intersections not to exceed the distances listed per the Water & Sewer Utilities Standard Specifications. However, where there is an existing fire hydrant meeting the applicable sections of this Code located within one hundred (100) feet of and physically accessible to an intersection, an additional fire hydrant will not be required.
- 2) Sprinkler or Standpipe System. Where a sprinkler or standpipe system is provided, a fire hydrant shall be located at least fifty (50) feet away from the structure but not more than one hundred (100) feet away from the Fire Department's connection for the system.
- 3) On-site Hydrants. When buildings, other than one- and two-family dwellings and farm buildings, are situated off of a road or other drive so as to cause hose lays from the nearest hydrant in excess of the permitted distances, a sufficient number of hydrants shall be provided on-site meeting all the requirements of this Chapter.
- 4) Hose Lay Measurement. Hose lay measurement shall be the distance from a hydrant, along a road, drive, or other traveled way designed to accommodate fire equipment, to the attack location approved by the Fire Official. Hose lay is not allowed across any arterial road to meet the minimum requirements.
- 5) Access and Visibility. Hydrants shall be located as stated in the Water & Sewer Utilities Standard Specifications. No hydrant shall be installed where pedestrian or vehicular traffic would interfere with the use of the hydrant.

- 6) Ownership and Maintenance. All fire hydrants located on public rights-of-way or designed to serve multiple ownerships shall be conveyed by approved instrument to the city. Once the City has accepted ownership, the city shall be responsible for the maintenance of these hydrants. All hydrants not dedicated to the city shall be maintained as required by the City at the owner's expense.

SECTION 5: IRRIGATION METERS

Any customer may have the city install one or more irrigation meters for water that will be used exclusively for irrigation purposes. No water metered through an irrigation meter may be used for any other residential or commercial purposes. Water metered through an irrigation meter shall not be considered in calculating wastewater fees.

SECTION 6: UTILITY SERVICE AGREEMENTS

- a) City Service Agreement. The customer seeking water or wastewater service from the city shall be required to execute an agreement with the city in the following form prior to utility services connections being made:

CONTRACT

No. Umatilla Florida
Date: _____

The undersigned customer, _____, located at _____ hereby applies for connection of water and/or wastewater collection service to that premises for residential, commercial or industrial use. (Circle One). In consideration for said water and/or wastewater collection service, customer agrees to pay at the scheduled rates, until and unless notice in writing is given to the City of Umatilla that service is to be discontinued, for whatever period of time.

The undersigned customer agrees to conform to all ordinances, rates, rules and regulations of the City of Umatilla water and/or wastewater collection service as are now or hereafter in force, and which are made part of this contract.

The customer also agrees to pay the wastewater capital charge, the water capital charge, and the connection fees as provided in these ordinances. The customer further agrees that all charges for water and/or wastewater service, as they become due from time to time, shall be and are hereby made a lien upon the above property so long as said charges remain unpaid, as between the parties to this contract.

Utility Deposit _____
Date of Acceptance _____

CITY OF UMATILLA, FLORIDA

Authorized City Official

Applicant's Signature

- b) Agreement by Prospective Service Receiver Outside City Limits. Upon application for water, sewer or other utility services provided by the city to a location outside the city boundaries, the prospective service receiver shall execute an agreement in the form as follows:

I/We, _____, hereby request that the City of Umatilla, Florida, provide my/our property, located at _____ with city water service. In exchange for providing such service and paying the applicable monthly charge, I/we agree to annex my/our property above described into the City of Umatilla city limits at such time as the above described property shall become contiguous to the city boundaries. I/We shall execute such additional applications as required by Florida Statutes to effect the annexation at such time as the subject property meets the statutory requirements.

I/We further acknowledge that I/we are the lawful owners of the property and are authorized to execute this agreement. I/we further acknowledge that the property is free and clear, or if mortgaged, the mortgagee has consented to subordination by signing this application.

This application shall be recorded in the public records of Lake County, Florida, and shall constitute an agreement running with the land.

Property Owner

Property Owner

Subordination consented to by the undersigned mortgage holder this _____ day of _____, 20____.

By: _____
as _____
of _____

State of Florida
County of Lake

I HEREBY CERTIFY that on this day before me, an officer duly qualified to take acknowledgements, personally appeared _____, to me known to be the person(s) described in and who executed the foregoing instrument and acknowledged before me the execution of same, and acknowledge(s) that ___ he/they own(s) the property described herein.

Witness my hand and official seal in the County and State last aforesaid this _____ day of _____, 20____.

Notary Public
My Commission Expires:

State of Florida
County of Lake

I HEREBY CERTIFY that on this day before me, an officer duly qualified to take acknowledgements, personally appeared _____, as _____, of _____, Mortgagee, and who executed the foregoing instrument and acknowledged before me the execution of same, and acknowledge(s) that ___ he/they own(s) the property interest described herein.

WITNESS my hand and official seal in the County and State last aforesaid this _____ day of _____, 20____.

Notary Public
My Commission Expires:

SECTION 7: COLLECTION OF CHARGES, LATE FEES

All water and wastewater treatment utility charges shall be due and payable at City Hall within twenty (20) days following the date of billing. There shall be added to and collected on each and every charge for water and wastewater provided by the city, and not paid within twenty (20) days from the date of billing, a late fee of ten (10) percent of the total bill.

SECTION 8: NONPAYMENT OF BILL, REINSTATEMENT FEE

The following policies and procedures shall be followed with regard to nonpayment of utility bills:

- a) After meter-reading, the customer shall be mailed a bill giving him twenty (20) days to pay after which time a penalty attaches.
- b) Approximately twenty-five (25) days after billing date, a disconnect notice shall be mailed or delivered warning of disconnection as of a preset date appearing on the notice. The preset date may vary from ten (10) to fourteen (14) days from mailing date, depending on weekends and work schedule.
- c) On or immediately after the preset date, service shall be terminated and a notice shall be left at the premises advising the customer as to how service may be restored. Service shall not be reinstated until delinquent and reconnection charges are paid. Service may, however, be reinstated at the direction of the City Administrator in instances where payment is guaranteed by a social service agency.
- d) The disconnect notice shall contain a request to contact customer service if there are questions on the accuracy, validity or correctness of the bill. If customer service cannot resolve these questions, the customer shall be referred to the City Clerk and disconnect shall be suspended until the issues are clarified. Customer service shall notify the collections manager of the disputed bill in writing immediately. In the absence of the City Clerk, the Assistant Clerk has the authority to suspend a disconnect in the event of a disputed bill.
- e) No disconnect shall result if the past due amount is a penalty amount and not a current bill, unless the penalty is over a month old and is unchallenged.
- f) No disconnect shall result if the past due amount is less than twenty-five dollars (\$25.00) unless it is a recurring amount. The City Clerk may increase this amount to a maximum of fifty dollars (\$50.00) where disconnect volume is excessive for manpower available or the billing period is characterized by unusually high bills due to rates or weather and where a need for relief is apparent.
- g) The City Clerk may delay a disconnect to the subsequent Friday where extenuating circumstances, such as incidence of paydays, warrant such action and collection appears secure.
- h) If the consumer of utility services whose bill is unpaid is not the owner of the premises, and the clerk has notice of this, then notice shall be mailed or delivered to the owner of the premises if his address is known to the clerk, whenever the bills remain unpaid for a period of sixty (60) days after it has been rendered.
- i) Claim of Lien
 - 1) Unpaid charges for utility service shall be a lien upon the premises. Whenever a bill for utility service remains unpaid thirty (30) days

after it has been rendered, the City Clerk may file with the Clerk of the Court a statement of claim of lien. This statement shall contain the legal description of the premises served, the amount of the unpaid bill, and that the city claims a lien for this amount as well as for all charges for utility services served subsequent to the period covered by the bill. The lien shall allow recovery of all costs and legal fees incident to the collection of the unpaid charge.

- 2) The provision of filing a claim of lien is subject to Florida Statute Section 180.135 which has restrictions in providing a lien against rental property where the occupant of the rental property contracted for the utility service.
- 3) The claim of lien shall be in the following form or such other form as designated by the City Council:

CLAIM OF LIEN

The City of Umatilla hereby asserts a claim of lien for unpaid utility bills upon the following described property located in Lake County, Florida:

The name of the record owner of the above described property is:

The claim of lien is to secure payment of unpaid utility bills in the following amounts that were due upon the dates indicated:

Amounts Due:

Due Date:

CITY OF UMATILLA

By: _____
City Clerk

State of Florida
County of Lake

BEFORE ME, personally appeared _____, the City Clerk of the City of Umatilla, Florida, to me well known and known to me to be the person described in and who executed the foregoing instrument, and acknowledged to me that he/she executed said instrument for the purposes therein expressed.

Witness my hand and Official Seal at _____ in said County and State on this ____ day of _____, 20____.

Notary Public
My Commission Expires:

- 4) Failure of the Clerk to record a claim of lien or to mail a notice to the owner of the premises, or the failure of the owner to receive the notice, shall not affect the right to foreclose the lien for unpaid utility bills as mentioned in the following section.
 - 5) Property subject to a lien for unpaid utility service charges shall be sold for nonpayment of the same, and the proceeds of the sale shall be applied to pay the charges, after deducting costs, as in the case of statutory lien foreclosure. The city attorney is hereby authorized and directed to institute proceedings in the name of the city in any court having competent jurisdiction over such matters against any property for which a utility service bill has remained unpaid sixty (60) days after it has been rendered.
- j) Where sewage disposal fees are not paid in accordance with the provisions outlined above, as in those instances where the owner has his own private water supply, the city shall have a right to cut off the water supply to the plumbing system and the owner shall have no right to reconnect his own private water supply until the sewage disposal fees shall have been paid in full. Any violation of this provision by reconnecting his private water supply, until the sewage disposal fees are paid in full, shall be considered a violation of this code and be subject to the penalties herein provided.

**SECTION 9: TAMPERING WITH CITY WATER OR WASTEWATER
COLLECTION SYSTEMS**

- a) No person, unless authorized by the city, has the right to turn off or turn on water at the curb stop, corporation stop, or valve, or to in any way disconnect or remove any water meter or otherwise molest any water connection, meter or water main belonging to the city.
- b) If any person shall destroy, deface, impair, injure or wantonly force open any gate or door therein or in any way whatsoever destroy, injure, deface or wantonly destroy any part of the buildings, or the appurtenances, fences, fixtures thereunto appertaining, or any water pipes, gates, reservoirs, hydrants, fountains, standpipes, pumps, tanks or any fixtures or other property belonging to the water or wastewater collection system of the city, or if any persons shall without authority from the city remove, open hatch to dig out or curb over any fire plug or hydrant, stopcock, valve, valve box or other fixtures belonging to the water or wastewater

collection system of the city, he shall be punished in accordance with the appropriate Florida Statutes.

- c) It shall be unlawful for any person to tamper with, adjust, connect, disconnect, join or sever any water meters or water lines and it shall be unlawful for any person to divert the flow of water through the water system of the City of Umatilla in any manner whatsoever without the approval and written permission of the City of Umatilla.
- d) No consumer shall furnish water to any other consumer either by use of pipes or fixtures on his own premises or be extending pipes to the premises of other persons.

SECTION 10: PRIVATE FIRE HYDRANTS, SPRINKLER SYSTEMS OR HOSE RACKS

- a) Fire hydrants, fire sprinkler systems or hose racks may be established on private property by the owner thereof at his own costs for the equipment, pipes, valves, fittings and connections to water mains, etc., provided the same shall be done under the supervision and subject to the inspection of and in accordance with the requirements of the water and wastewater collection department. The maintenance of such mains, valves and hydrants shall be at the cost and expense of the owner of the property. The regular established rate for connection of such fire hydrants, fire sprinkler systems, or hose racks shall be paid and, if not, the same shall be disconnected from the water system.
- b) Any party establishing fire hydrants, fire sprinkler systems or hose racks, shall have the right to have the same connected to the city's water system and have installed and maintained at his own cost by the water and wastewater collection department a water meter, and to pay the regular established charge for water service as listed in the published rates, whether water has been used for fire or any other purpose. No fixture whatsoever, other than fire hydrants, sprinkler connections and hose racks, used for fire only, shall be connected to such fire line.
- c) The city Guarantees no certain water pressure and shall in no case be in any way liable or responsible to any person whatsoever in case of fire, for any damage that may result from any alleged insufficiency of fire protection, either from want of pressure, volume, or accessibility for fire protection or any other cause.
- d) The service charge for fire sprinkler systems within the city, not metered, is hereby prescribed and fixed as follows:
 - 1) Thirty-five dollars (\$35.00) per year for each four (4) inch sprinkler system connection.

- 2) Fifty-three dollars (\$53.00) per year for each six (6) inch sprinkler system connection.
- 3) Eighty-eight dollars (\$88.00) per year for each eight (8) inch sprinkler system connection.

Charges shall be payable annually in advance on October 1, to the water and wastewater collection department of the city. No water is to be used from sprinkler systems at any point on the line except in case of fire, nor any fixtures whatsoever to be connected to such fire line.

- e) The service charge for fire hydrants on private property within or outside of the city, not metered and utilized for private fire protection, is hereby prescribed and fixed as follows:

Within the city: \$53.00 per year, per hydrant.

Outside the city: \$66.25 per year, per hydrant.

These rates are payable annually in advance on October 1, without discount to the water and wastewater collection department of the city. No water is to be used from fire hydrants, or from the service line on which they are situated, unless metered, except in case of fire; nor any other fixtures whatsoever to be connected to such fire lines.

- f) Hose racks on private property within or outside of the city, connected with the city mains but not metered, shall pay a service charge of twenty-six dollars (\$26.00) per year per hose rack if located within the city and thirty-two dollars and fifty cents (\$32.50) per year per hose rack for those located outside the city, payable annually in advance on October 1. No water shall be used from such hose rack or from the line upon which they are situated unless metered, except in case of fire, nor are any other fixtures whatsoever to be connected to such fire line.

SECTION 11: WATER FURNISHED BY CITY AND BY PRIVATE SUPPLY

If the owner of any property shall have upon such property a supply of water other than the supply of water furnished by the city, such owner is hereby required to have a dual system of pipes upon the property, one system of pipes being for water supplied by the city and the other system of pipes being for the supply of water from the private supply, and it shall be unlawful for the two (2) systems to be connected together in any manner whatsoever.

SECTION 12: PRIVATE POTABLE WATER WELL PROHIBITED

It shall be unlawful for any person to drill, dig or use a private well to provide water for any commercial, industrial or residential use, other than for irrigation. Nothing in this Chapter shall prohibit any person from drilling, digging or boring a shallow well in the city to be used for irrigation purposes only.

SECTION 13: ABANDONED WELLS, PLUGGING

- a) It shall be unlawful for any person to have upon his property within the city limits an abandoned well which is not properly plugged in accordance with this section.
- b) Abandoned water well means a well whose use has been discontinued, a well whose water is not being put to reasonable beneficial use or a well in such a state of disrepair that its continued existence may damage the water resources in the area, as determined by the appropriate representative of the city in charge of public health and safety.
- c) All abandoned wells on property within the city limits shall be filled (properly abandoned) based on the requirements of SJRWMD.
- d) The owner of the property within the city limits on which there exists a well which is to be abandoned shall notify the city of his intent to abandon the well. A city representative shall inspect the well to ensure that it is plugged according to the requirements of subsection (b) of this section. The owner shall be fined twenty-five dollars (\$25.00) per day for each day following the sixtieth (60th) day after abandonment of the well that the well remains improperly plugged.
- e) The city may enter upon any property within the city limits to inspect for compliance with this section at any time that it receives a report, or otherwise has reasonable cause to suspect that, there exists on the property an improperly plugged or hazardous well. Upon locating an abandoned well not in compliance with this section, the city shall advise the owner of the property of the noncompliance and give the owner sixty (60) days to remedy it. The owner shall be fined twenty-five dollars (\$25.00) per day for each day following the sixtieth (60th) day after notice of noncompliance is given by the city that the well remains improperly plugged.
- f) Nothing in this chapter relieves the property owner from the need to obtain any other state or federal permits which may be required for abandoned wells.

SECTION 14: DISCHARGE INTO CITY SYSTEMS

- a) Purpose and Policy

- 1) This section sets forth uniform requirements for direct and indirect contributors into the city systems and enables the city to comply with all applicable state and federal laws and requirements set forth by the Clean Water Act of 1977, as amended, and the United States Environmental Protection Agency (USEPA) general pretreatment regulations, Title 40 CFR, Part 403.
- 2) The objectives of this section are to:
 - A) Prevent the introduction of pollutants into the city systems which will interfere with the operation of the systems or contaminate resulting sludge in the wastewater system.
 - B) Prevent the introduction of pollutants into the city wastewater system which will pass through the system, inadequately treated, into receiving surface or groundwaters, land application and other reuse systems, or the atmosphere or otherwise be incompatible with the system.
 - C) Improve the opportunity to recycle and reclaim wastewaters and sludges from the system.
 - D) Provide for equitable distribution of the cost of the system.
- 3) This section establishes limitations and prohibitions on the quantity and quality of sewage or wastewater which may be lawfully discharged into the city systems or any of its publicly-owned treatment works (POTW). Pretreatment of some sewage discharge may be required to achieve the goals established by this section. The specific limitations set forth herein, and other prohibitions and limitations of this section are subject to change as necessary to enable the city to provide efficient wastewater treatment, to protect the public health and the environment, and to enable the city to meet requirements contained in its various NPDES permits and other governmental permits.
- 4) This section provides for the regulation of direct and indirect contributors to the city systems through the issuance of permits to certain nondomestic users and through enforcement of general requirements for other users, authorizes monitoring and enforcement activities, requires user reporting, and provides authority and guidelines for setting fees.
- 5) Except as otherwise provided herein, the director of utilities for the city shall administer, implement and enforce the provisions of this section.

b) General Discharge Prohibitions

- 1) No persons shall discharge or cause to be discharged any storm water, surface water, groundwater, roof runoff, subsurface drainage, uncontaminated cooling water, swimming pool drainage, or unpolluted industrial process waters to any sanitary sewer.
- 2) No persons shall discharge into any natural outlet within the City of Umatilla, any sanitary sewage, industrial wastes, or other polluted waters, except where suitable treatment has been provided in accordance with the provisions of this section.
- 3) No person shall discharge into any storm sewer system within the City of Umatilla, any sanitary sewage, industrial wastes, or other polluted waters (except uncontaminated cooling waters).
- 4) No persons shall construct or maintain any privy, privy vault, septic tank, cesspool, or other facility intended or used for the disposal of sewage or wastewater, except as herein provided.
- 5) No persons shall uncover, make any connection with or opening into, use, alter or disturb any public sewer or appurtenances thereof without first obtaining a written permit from the city.
- 6) A user shall not contribute the following substances to any public sewer:

- A) Any liquids, solids, or gases which, by reason of their nature or quantity are, or may be, sufficient either alone or by interaction with other substances to cause fire or explosion or be injurious in any other way to the city wastewater system or to the operation of said system. At no time shall two (2) successive readings on an explosion hazard meter at the point of discharge into said system (or at any point in the system) be more than five (5) percent, nor any single reading be over ten (10) percent, of the lower explosive limit (LEL) of the meter.

Prohibited materials include, but are not limited to, gasoline, kerosene, fuel oil, naphtha, benzene, toluene, ethylene, ethers, alcohols, solvents, ketones, aldehydes, peroxides, chlorates, perchlorates, bromates, carbides, hydrides and sulfides, and any other substances which the city, the FDER, the USEPA, or any other local, regional, state or federal agency having jurisdiction has notified the user as a fire hazard or a hazard to the system, and any other flammable or explosive liquids, solids or gases.

- B) Any solid or viscous substances which may cause obstruction to the flow in a sewer or other interference with the operation of the wastewater treatment facilities such as, but not limited to, grease, garbage with particles greater than one-half (1/2) inch in any dimension, animal guts or tissues, paunch, manure, bones, hair, hides or fleshings, entrails, whole blood, feathers, ashes, cinders, sand, spit lime, stone or marble, dust, metal, glass, straw, shavings, grass clippings, rags, spent grains, spent hops, waste paper, ground paper products, wood, plastics, gas tar, asphalt residues, residues from refining or processing of fuel or lubricating oil, mud or glass grinding or polishing wastes.
- C) Any sewage having a pH lower than six (6.0) or higher than eight and five-tenths (8.5), unless the individual POTW is specifically designed to accommodate such sewage or wastewater, or sewage having any other corrosive property capable of causing damage or hazard to structures, equipment and/or personnel of the City of Umatilla wastewater system.
- D) Any sewage or wastewater containing toxic pollutants in sufficient quantity, either singularly or by interaction with other pollutants, to injure or interfere with any wastewater treatment process, constitute a hazard to humans or animals, create a toxic effect in the receiving waters of any city POTW, or to exceed the limitations set forth in a categorical pretreatment standard. A toxic pollutant shall include, but not be limited to, any pollutant identified pursuant to Section 307(a) of the Act.
- E) Any noxious or malodorous liquids, gases or solids which, either singularly or by interaction with other wastes, are sufficient to create a public nuisance or hazard to life or are sufficient to prevent entry into the sewers for maintenance and repair.
- F) Any substances which may cause any city POTW's effluent or any other product of said POTW, such as residues, sludges, or scums, to be unsuitable for reclamation and reuse, or to interfere with the reclamation process. In no case shall a substance discharged to any city POTW cause said POTW to be in noncompliance with sludge use or disposal criteria, guidelines or regulations affecting sludge use or disposal developed pursuant to the Solid Waste Disposal Act, the Clean Air Act, the Toxic Substances Control Act, or state criteria applicable to the sludge management method being used.

- G) Any substance which will cause any city POTW to violate its NPDES and/or FDER permit or the receiving water quality standards.
 - H) Any sewage or wastewater with objectionable color, not removed in the treatment process, such as, but not limited to, dye wastes and vegetable tanning solutions.
- 7) No persons shall discharge or cause to be discharged the following described substances, materials, waters or wastes if it appears likely, in the opinion of the director, that such wastes can harm either sewers, wastewater treatment processes or equipment, have an adverse effect on the receiving stream or other effluent disposal facilities or systems, or can otherwise endanger life, limb, public property or constitute a nuisance. In forming his opinion as to the acceptability of these wastes, the director will give consideration to such factors as the quantities of subject wastes in relation to flows and velocities in the sewers, materials of construction of the sewers, nature of the sewage treatment process, capacity of the sewage treatment plant, degree of treatability of wastes in the sewage treatment plant, and other pertinent factors. The substances prohibited are:
- A) Any sewage or wastewater having a temperature which will inhibit biological activities in any city POTW treatment plant resulting in interference, but in no case heat in such quantities that the temperature at the treatment works influent exceeds one hundred (100) degrees Fahrenheit, unless the POTW treatment plant is designed to accommodate such temperature.
 - B) Any water or waste containing fats, wax, grease or oils, whether emulsified or not, in excess of one hundred (100) milligrams per liter or containing substances which may solidify or becomes viscous at temperatures between thirty-two (32) and one hundred (100) degrees Fahrenheit.
 - C) Any garbage that has not been properly shredded.
 - D) Any waters or wastes containing strong acid iron pickling wastes or concentrated plating solutions, whether neutralized or not.
 - E) Any waters or wastes containing phenols or other tastes or odored ash-producing substances, in such concentrations exceeding limits which may be established by the director, as necessary, after treatment of the composite sewage, to meet the requirements of state, federal or other public agencies or jurisdictions for such discharge to the waters of the nation.

- F) Any radioactive wastes or isotopes.
 - G) Any pollutants, including oxygen demand pollutants, (BOD, etc.) released at a flow rate and/or pollutant concentrations which a user knows or has reason to know will cause interference to any city POTW. In no case shall a sludge load be discharged to the city's wastewater system.
 - H) Waters or wastes containing substances, including nonbiodegradable detergents, which are not amenable to treatment or reduction by the sewage treatment processes employed or are amenable to treatment only to the degree that the sewage treatment plant effluent cannot meet the requirements of other agencies having jurisdiction over discharge to the waters of the state or nation or violates any contract, resolution, law, rule, regulation, permit or approval applicable to the industrial, commercial or agricultural reuse of reclaimed water.
 - I) Any concentrations of inert suspended solids (such as, but not limited to, Fuller's earth, lime slurries, and lime residues) or of dissolved solid (such as, but not limited to, sodium chloride and sodium sulfate).
- 8) No persons shall discharge sewage or wastewater in excess of the concentration set forth in the table below unless an exception has been granted the user under the provisions of this Code:

| PARAMETER | MAXIMUM CONCENTRATION mg/1 (24-hour flow proportional composite sample) | MAXIMUM INSTANTANEOUS CONCENTRATION Mg/1 (grab sample) |
|---|--|---|
| Biochemical oxygen Demand | 300 | |
| Total suspended solids | 300 | |
| Arsenic (as) | 1.0 | 2.0 |
| Boron (B) | 1.0 | 2.0 |
| Cadmium (Cd) | 1.0 | 2.0 |
| Chromium – Total (Cr) | 1.0 | 2.0 |
| Chromium Hexavalent (Cr +6) | 0.05 | 0.10 |
| Copper (Cu) | 2.0 | 4.0 |
| Cyanide (CN) | 0.1 | 0.2 |
| Lead (Pb) | 0.05 | 0.1 |
| Mercury (Hg) | 0.005 | 0.01 |
| Nickel (Ni) | 0.2 | 0.4 |
| Phenol | 0.5 | 1.0 |
| Selenium | 1.0 | 2.0 |
| Silver (Ag) | 1.0 | 2.0 |
| Zinc (Zn) | 5.0 | 10.0 |
| Oil and grease (Petroleum and/or mineral) | 100.0 | 200.0 |
| Total nitrogen | 50.0 | 100.0 |
| Total phosphorus | 10.0 | |
| Total dissolved solids | 2,500.0 | 10,000.0 |
| Fluoride | 8.0 | 16.0 |

- 9) If any sewage, waters, or wastes are discharged, or are proposed to be discharged to the City of Umatilla systems, which waters contain the substances or possess the characteristics enumerated above, and which, in the judgment of the director, may have a deleterious effect upon the city wastewater system, processes, equipment, receiving waters or effluent disposal systems, or which otherwise create a hazard to life or constitute a public nuisance, the director may:
- A) Reject the wastes.
 - B) Require pretreatment to an acceptable condition for discharge to the city systems.
 - C) Require control over the quantities and rates of discharges.
 - D) Require payment to cover the added cost of handling and treating the wastes not covered by existing taxes or sewer charges.
- 10) If the director permits the pretreatment or equalization of waste flows, the design and installation of the plants and equipment shall be subject to the review and approval of the director, and subject to the requirements of all applicable codes, ordinances and laws. Any such approved design shall, in addition to all other requirements, provide for an access point to allow for the sampling of wastewater discharge from the user. Where preliminary treatment or flow-equalizing facilities are provided for any sewage, waters or wastes, they shall be maintained continuously in satisfactory and effective operation by the owner or user at this expense.
- 11) Certain industrial users are now or hereafter shall become subject to national categorical pretreatment standards promulgated by the USEPA specifying quantities or concentrations of pollutants or pollutant properties which may be discharged into a city POTW. All industrial users subject to a national pretreatment standard shall comply with all requirements of such standard, and shall also comply with any additional or more stringent limitations contained in this section. Compliance with national pretreatment standards for existing sources subject to such standards or for existing sources which hereafter become subject to such standards shall be within three (3) years following promulgation of the standards unless a shorter compliance time is specified in the standard. Except where expressly authorized by an applicable national pretreatment standard, no industrial user shall increase the use of the process water or in any way attempt to dilute a discharge as a partial or complete substitution for adequate treatment to achieve compliance with such standard.
- 12) State requirements and limitations on discharges shall apply in any case where they are more stringent than federal requirements and limitations, or

those contained in this code. The city reserves the right to establish by ordinance more stringent limitations or requirements from discharges to the city wastewater system if deemed necessary to comply with the objectives stated at the beginning of this section.

c) Surcharges

- 1) Those users which have been granted an exception to discharge sewage or wastewater in excess of the concentrations set forth in this section shall be subject to a surcharge based upon the constituent most exceeding the allowable limit during the period involved and will be based upon the average results from a minimum of three (3) laboratory analyses taken at different times during the period involved.
- 2) The surcharge for excess concentrations of suspended solids, oxygen demanding constituents or other constituents will be determined as follows:

Actual constituent – Maximum allowable Concentration mg/l.

Concentration mg/l – 24-Hour Flow Proportional Composite = Maximum Allowable Concentration (mg/l).

The surcharge multiplier times the normal use charge for the period becomes the total surcharge to be added to the normal use charge for the period.

- 3) The director will advise the user which analyses shall be conducted on wastewater or sewage samples and the frequency of sampling required. Samples may be required to be taken and analyzed by the user at his expense in a manner and at such intervals as required by the director. Copies of tests shall be furnished by the user on forms approved by the director. Samples may also be taken and analyzed periodically by the POTW staff.

d) Special Agreements and Arrangements

No statement contained in this article shall be construed as preventing any special agreement or arrangement by and between the city and any industrial concern whereby an industrial waste of unusual strength or character may be accepted by the city subject to payment therefore by the industrial concern.

e) Dangerous Discharge Prevention and Notification Requirements

- 1) Accidental Discharge Protection. Each industrial user shall provide protection from accidental discharge of prohibited materials or other

substances regulated by this section. Facilities to prevent accidental discharge of prohibited material shall be provided and maintained at the owner's or user's own costs and expense. Detailed plans showing facilities and operating procedures to provide this protection shall be submitted to the city for review, and shall be approved by the city before construction of the facility. All existing industrial users or industrial users that connect within two hundred seventy (270) days from the effective date of this Code, shall complete such a plan within sixty (60) days from connecting to the system. No industrial user who commences contribution to any city POTW or any portion of the city Wastewater system at least two hundred seventy (270) days after the effective date of this Chapter shall be permitted to introduce pollutants into the system until accidental discharge procedures have been approved by the city. Review and approval of such plans and operating procedures shall not relieve the industrial user from the responsibility to maintain the industrial user's facility as necessary to meet the requirements of this Chapter.

- 2) Notification: Any person causing or suffering any discharge, whether accidental or not, which presents or may present an imminent or environment, or which is likely to cause interference with any City POTW or the City system as a whole, shall notify the director immediately by telephone. Within five (5) days following such occurrence, the user shall provide the director with a detailed written report describing the cause of the dangerous discharge and measures taken or to be taken by the user to prevent similar future occurrence. Such notification shall not relieve the user of any expense, loss, damage, or other liability which may be incurred.

SECTION 15: SANITARY SEWER SERVICE

a) Connection Requirements

- 1) The owner or owners of all the property in the city abutting upon a public right-of-way or easement which is within one hundred (100) feet of the city wastewater system and upon which is situated a house, building or other structure used for human occupancy, employment, recreation or other related purposes is hereby required at his or their own expense to install suitable toilet facilities therein and to connect such facilities directly with said system in accordance with the provisions of this chapter within one hundred eighty (180) days after the date of official notice to do so.
- 2) All development shall provide new facilities, or expand existing facilities, to provide minimum service per the Water and Sewer Utilities Standard Specifications.

b) Private Systems

- 1) Where the city wastewater system public sanitary sewer is not available, the building sewer may be connected to a private sewage disposal system complying with the provisions of this Code. The city may, at its own expense, extend the existing wastewater system to within one hundred (100) feet of any owner requesting sewage disposal system and require the owner to connect to the city's wastewater system.
- 2) Before commencement of construction, reconstruction, enlargement, modification or improvement of a private sewage disposal system, the owner shall first obtain written approval from the city. The application for such approval shall be made in a form acceptable to the city, which the applicant shall supplement by any plans, specifications and other information as are deemed necessary.
- 3) Connection to a private sewage disposal system shall not be placed in service until the installation is completed and accepted by the city. The city shall be allowed to inspect the work at any stage of construction and, in any event, the applicant shall notify the city when the work is ready for final inspection and before any underground portions are covered. The inspection shall be made within forty-eight (48) hours (excluding Saturdays, Sundays, and holidays) of the receipt of notice.
- 4) The type, capacities, location and layout of a private sewage disposal system shall comply with all federal, state and county regulations. No septic tank or cesspool shall be permitted to discharge to any storm sewer, open drain, ditch, stream, well penetrating water-bearing formations, or natural outlet. Private ownership of a sewage disposal system shall be retained by the applicant and the facilities shall be operated and maintained by the property owner in a sanitary manner at all times, at no expense to the city.
- 5) At such time as the City of Umatilla wastewater system becomes available to a property served by a private sewage disposal system, a direct connection shall be made to the city wastewater system and any septic tanks, cesspools and similar private sewage disposal facilities shall be removed or abandoned and filled with suitable material.

c) Classes of Sewer Connections

There shall be three (3) classes of building sewer connections: (1) Residential service, (2) commercial service, and (3) service to establishments producing industrial wastes. In either case, the owner or his agent shall make application in a form acceptable to the city. The application shall be supplemented by any plans, specifications or other information, considered pertinent.

d) Sewer Connection Costs

All cost and expense incidental to the connection of the building sewer from the owner's building to the city sewer shall be borne by the owner. That owner shall indemnify the city from any loss or damage that may be directly or indirectly occasioned by the connection of the building sewer.

e) Approval

The physical connection of the building sewer at and directly into the public sewer shall be made under the direct supervision of an authorized representative of the city. All sewer construction shall comply with city construction specifications, plumbing code, and other applicable specifications and engineering criteria. No building shall be approved for use and/or occupancy until the connection fee is paid and the connection is inspected and approved.

f) Maintenance Responsibility

- 1) Responsibility of the city for operation, maintenance, service and/or repairs of the building sewer from the public sewer shall terminate at the nearest property or easement line of the owner as served.
- 2) The owner of the property served by the wastewater system shall be responsible for the proper operation and maintenance of the building sewer; specifically all plumbing from public wastewater system into and including the house plumbing. The city shall have the right to inspect the building sewer and to cause discontinuance of water and/or sewer service to any property where the plumbing is not maintained in a sanitary and effective operating condition or if the public sewer facilities may be harmed thereby.
- 3) Duly authorized employees of the city bearing proper credentials and identification shall be permitted to enter all private properties through which the city holds a duly negotiated easement for the purposes of, but not limited to, inspection, observation, gauging, measurement, sampling, repair and maintenance of any portion of the sewage works lying within the easement. All entry and subsequent work, if any, within the easement, shall be done in full accordance with the terms of the duly negotiated easement pertaining to the private property involved.

g) Interceptors

Grease, oil and sand interceptors or traps shall be provided at the owner's expense when, in the opinion of the director, they are necessary for the proper handling of liquid wastes containing grease in excessive amounts, except that such interceptors shall not be required for private living quarters or dwelling units. All interceptors shall be of a type and capacity approved by the city and shall be so

located as to be readily and easily accessible for cleaning and inspection. When installed, all grease, oil and sand interceptors shall be maintained by the owner, at his expense, and in continuously efficient operation at all times.

h) Extension of Sewer Mains

Mains shall be extended to project boundaries to serve adjoining unserved properties. Such extensions will generally be within street stubs or along existing street frontages, but may be required in easements between lots or across open space areas. Where mains are installed within one hundred (100) feet of an existing unserved building lot, a service shall be installed for that lot.

i) Lift Stations

All efforts should be made to serve projects from existing lift stations. When a new lift station is necessary, it shall be located and designed so as to allow for the largest possible service area, generally at a project perimeter. The final location and configuration of all lift station sites shall be approved by the City, based on the requirements of the Water and Sewer Utilities Standard Specifications.

j) Sewer Force Mains

Force main sizing and routing shall be approved by the City, based on the requirements of the Water & Sewer Utilities Standard Specifications.

SECTION 16: CITY COST PARTICIPATION IN INFRASTRUCTURE IMPROVEMENTS

The City may participate in the construction of certain upsized improvements designed to serve the large needs of the City beyond the requirements for an individual development project.

a) Water Mains

- 1) Oversizing of water mains. The city will not participate in the upsizing of any water main required to be eight inch (8") diameter or less. Where the City requires a water main to be sized over eight inches (8") diameter, but the minimum service levels required by this Code can be satisfied for the project using a water main of eight inches (8") diameter or less, the City may participate in the amount of the difference of pipe and fittings costs between an eight inch (8") diameter line and the diameter required by the City.

- 2) Extension of lines to project boundaries. The City will not participate in the required extension of lines to project boundaries, except in the case where additional pipe size is required as outlined above.

b) Sewage Collection Facilities

- 1) Oversizing of sewer mains. Where the City requires a sewer main to be sized over eight inches (8") diameter, but the minimum service levels required by this Code can be satisfied for the project using a sewer main of eight inches (8") diameter, the City may participate in the amount of the difference of pipe costs between an eight inch (8") diameter line and the diameter required by the City.
- 2) Additional cut depth. Where the City requires depth on sewer mains, manholes, or lift stations in excess of the depth required to serve the project (including all phases), the City may participate in the additional construction cost associated with the increased depth.
- 3) Additional lift station capacity. Where the City requires additional wetwell diameter or mechanical pumping equipment of greater capacity than that necessary to serve the project, the City may participate in the difference between the facilities necessary to provide service to the project and those required to be installed by the City.
- 4) Extension of lines to project boundaries. The City will not participate in the required extension of lines to project boundaries, except in the case where additional pipe size or depth is required as outlined above.
- 5) Oversizing of force mains. Where the City requires a sewer force main to be sized over six inches (6") diameter, but the minimum service levels required by this Code can be satisfied for the project using a sewer force main of six inches (6") diameter, the City may participate in the amount of the difference of pipe and fitting costs between a six inch (6") diameter line and the diameter required by the City.

c) Drainage Facilities

- 1) In general, the City will not participate in any drainage facilities required for the development of a specific project. This includes culverts and bridges for roads, driveways, and sidewalks which cross existing or proposed swales, ditches or canals. The City will not participate in the construction of drainage facilities designed to accommodate the normal existing or natural flows from offsite watersheds.
- 2) Where the City requires drainage facilities to be increased in capacity to alleviate existing development related drainage problems and flows not

normally anticipated under stormwater management requirements, the City may participate in the costs of constructing the increase in capacity above the normally anticipated flows.

d) Participation Reimbursement Requirements

- 1) Where City cost participation is allowed and desired, the developer shall obtain and submit to the City a minimum of three (3) signed and dated bids on the project from reputable contractors, qualified and capable of performing the work. The bid format should clearly delineate the construction eligible for participation. Upon review by appropriate City staff, a recommendation for the amount and form of participation will be forwarded to the City Council for approval.
- 2) City participation may be awarded in the form of cash reimbursement, impact fee credits, or a combination of the two, at the discretion of the City Council.
- 3) Participation credits or reimbursement will not be made until final inspection and acceptance of the improvements.

SECTION 17: SOLID WASTE COLLECTION SERVICE

a) Minimum Service Requirements

All townhouse, multifamily, commercial, and industrial development shall provide facilities for service as follows:

- 1) Townhouse and multifamily projects shall provide one (1) standard dumpster pad for every twenty (20) residential units. Fee simple owned townhouses with direct road frontage and individual driveways (as opposed to parking lots) are exempt from dumpster service requirements.
- 2) Commercial developments shall provide one (1) standard dumpster pad for every seven thousand five hundred (7,500) square feet of retail space and every ten thousand (10,000) square feet of office space.
- 3) Industrial developments shall provide one (1) standard dumpster pad for every ten thousand (10,000) square feet of office or manufacturing space, and one (1) standard dumpster pad for every thirty thousand (30,000) square feet of warehouse space.
- 4) Institutional buildings shall meet the requirements or combination of requirements that reflect the specific use or uses of the building.

- 5) These requirements are minimum requirements. If the number of dumpsters does not meet the regular needs of the development, the City may require the construction of additional facilities.

b) Solid Waste Facility Design

The layout and design of dumpsters and other solid waste facilities shall comply with the following criteria and the adopted Paving and Drainage details of the City.

- 1) Accessibility. Dumpster pad locations shall be designed to accommodate front loading trucks. No dumpster shall be located so as to require the truck to back up a distance of more than one hundred (100) feet. Multiple locations shall be oriented to allow the shortest route to service the group of dumpsters. All drives that provide access to dumpsters must be able to accommodate a thirty-five (35) foot inside turning radius totally within the paved area. Dumpster pad locations should generally be angled at forty-five (45) degrees or less from access drives except when located at intersections allowing ninety (90) degree access.
- 2) Clearance. Fences, walls, landscaping and other improvements shall be located so as to provide clearance including vertical clearance from power lines, light standards, and trees.
- 3) Enclosure. Each dumpster location shall be surrounded by an enclosure. Enclosures should remain open on the service side, except in high visibility locations where gates may be approved.

SECTION 18: CROSS-CONNECTION CONTROL AND BACKFLOW PREVENTION

[Modified by Ordinance 2008-S adopted August 5, 2008]

a) Purpose

The purpose of this section is:

- 1) To prevent waterborne diseases and contaminants from entering the potable water distribution system and thus the water we drink. The program is intended to ensure that delivered water which has passed beyond the public water system and into the private distribution systems of consumers remains a safe and viable product for consumption. The program aims to protect the Department of Public Works and its consumers from those water using establishments which could possibly reduce the quality and safety of the municipal potable water supply through Backflow and/or Cross-Connection.

b) Responsibility

Under the Safe Drinking Water Act of 1974 and the Rules of the Florida Department of Environmental Protection (FDEP) Chapter 62-555-360 (FAC), relating to Cross-Connection, the Water purveyor has the primary responsibility of maintaining a Cross-

Connection Control Program to prevent water from unapproved sources, or any other substances, from entering the public potable water system. Failure to implement such a program may result in the withdrawal of the certification of the purveyor's public potable water permit to supply public potable water. The Water purveyor for the City of Umatilla is the Public Works Director in the Utility Services Department. Upon detection of a prohibited cross-connection, the Public Works Director or his designee are directed to either eliminate the cross-connection by requiring the installation of an appropriate approved backflow prevention assembly or device or immediately discontinue service until the contaminate source is eliminated. The authorized person to act for the Water Purveyor of the City of Umatilla in relation to the Cross-Connection Control Program shall be the Cross-Connection Technician in the Utilities Department.

c) Manual of Backflow Prevention and Cross-Connection Control:

The City Council hereby adopts the City of Umatilla "Manual of Backflow Prevention and Cross-Connection Control," dated June 1, 2008, attached to this ordinance as Exhibit A. Compliance with the manual and the Cross-Connection Program contained therein is hereby required. Changes to the "Manual of Backflow Prevention and Cross-Connection Control" may be made by Resolution as deemed necessary by the City Council.

d) Policy

1) Cross-Connection control inspections:

No water service connection to any premises shall be installed or maintained by the water purveyor unless the water supply is protected as required-by state laws and regulations and this division. The Public Works Director or his designee may cause inspections to be made of all properties served by the public potable water supply where cross-connections with the public potable water supply is deemed possible. The frequency of inspections and re-inspections based on potential health hazards involved shall be as established by the City of Umatilla "Manual of Backflow and Cross-Connection Control" dated June 1, 2008. Any fees or charges established by the City pursuant to the regulations of requirements established herein may be changed from time to time by Resolution of the City Council.

2) Property access for Cross-Connection Control:

Duly authorized employees of the City of Umatilla, bearing proper credentials and identification, shall be permitted to enter any building, structure, or property served by a connection to the public potable water supply system of the City for the purpose of inspecting the piping system or systems on such property. Consent to such access shall be obtained from a person of suitable age and discretion therein or in control thereof. The refusal of such information or refusal of access, when requested, shall be deemed evidence of the presence of cross-connections.

e) Cross-Connection Discontinued Service:

The Public Works Director or his designee are hereby authorized and directed to discontinue potable water service to any property after notice wherein any

connection in violation of these regulations exists and to take such other precautionary measures deemed necessary to eliminate any danger of contamination of the public potable water supply.

f) Penalties:

Violation of any provision of this division shall be subject to the following penalties:

| | |
|-----------------------|--|
| First violation | written warning |
| Second violation | \$50.00 fine |
| Subsequent violations | Fine not to exceed \$500.00 plus costs of enforcement including a reasonable attorney's fee. |

Each day in violation of this division shall constitute a separate offense. Law Enforcement officials shall provide violators with no more than one written warning. The City of Umatilla, Lake County, Florida, in addition to the civil sanctions contained herein, may take any other appropriate legal action, including but not limited to injunctive action, to enforce the provisions of this division.