

Chapter 18 - COMBINED WATER AND SEWER SYSTEM

ARTICLE 1. - IN GENERAL

18.1.01 - Purpose and Jurisdiction.

That the existing sewerage system and the existing waterworks, supply, storage and distribution system owned and operated by the City, together with all additions, improvements and extensions thereto that may be hereafter made, be and the same are hereby declared to be a combined water and sewer system, and said system shall be maintained and operated as a single utility, and that charges or rates shall be established for the use of such combined system, which shall be reasonable and commensurate with the service performed by said combined system, and shall be sufficient to pay the costs, maintenance, operation, depreciation, and payment of the principal and interest on any revenue bonds which may be issued, and which, by their terms, are made payable from the revenues of such combined system.

18.1.02. - Rules and Regulations.

The Mayor and City Council are hereby authorized to make such rules and regulations consistent with this ordinance for the connection to the waterworks and sewerage system, specifying the types and sizes of pipes and all the other appurtenances and extensions thereto, and amend the same from time to time as may be deemed necessary. All service pipes and connections to the combined waterworks and sewerage system shall comply with the said specifications and rules. Any person, firm or corporation not complying with the specifications and rules for connections to the waterworks and sewerage system shall be subject to a penalty as hereinafter provided.

18.1.03. - Connection Outside City.

No connection outside the City limits shall be made to the combined waterworks and sewerage system without the written permission of the Mayor and the City Council. Any such connection to the waterworks and sewerage system without such permission or in a manner different from that prescribed for such connection shall subject the connector to a penalty as hereinafter provided.

ARTICLE 2. - DEFINITIONS

18.2.01. - Definitions.

Unless the context indicates otherwise, the meaning of terms used in this ordinance shall be as follows:

- (a) *B.O.D. (Biochemical Oxygen Demand)* shall mean the quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedure in five (5) days at 20 degrees C, expressed in parts per million by weight.
- (b) *Buffalo Box (Curb Box)* shall mean the enclosure over a valve buried below grade that provides access from above grade.

- (c) *Building Drain* shall mean that part of the lowest horizontal piping of a drainage system which receives the c from soil, waste and other drainage pipes inside the walls of the building and conveys it to the building sewer.
- (d) *Building Sewer* shall mean the extension from the building drain to the public sewer or other place of disposal.
- (e) *City* shall mean the City of Country Club Hills, Illinois.
- (f) *Combined Sewer* shall mean a sewer receiving both surface runoff and sewage.
- (g) *Corporation Stop (Cock)* shall mean the shut off valve at the water main which provides connection to the individual service line.
- (h) *Curb Stop (Service Cock, Roundway)* shall mean the shut off valve provided in the individual service line, operable from above grade.
- (i) *Engineer* shall mean the Engineer for the City of Country Club Hills as appointed by the Mayor and City Council. (j) *Garbage* shall mean solid wastes from the preparation, cooking, and dispensing of food, and from the handling, storage, and sale of produce.
- (k) *Industrial Wastes* shall mean the liquid wastes from industrial processes.
- (l) *Inspector* shall mean the plumbing inspector of the City of Country Club Hills or his duly authorized deputy.
- (m) *Natural Outlet* shall mean any outlet into a water course, pond, ditch, lake, or other body of surface or ground water.
- (n) *Owner* shall mean any individual, firm, company, association, society, corporation, group, or other legal entity.
- (o) *PH* shall mean the logarithm of the reciprocal of the weight of hydrogen ions in grams per liter of solution.
- (p) *Properly Shredded Garbage* shall mean the wastes from the preparation, cooking, and dispensing of foods that have been shredded to such degree that all particles will be carried freely under the flow conditions normally prevailing in public sewers, with no particle greater than ½ inch in any dimension.
- (q) *Public Sewer* shall mean a sewer in which all owners of abutting properties have equal rights, and is controlled by the City.
- (r) *Sanitary Sewer* shall mean a sewer which carries sewage and to which storm, surface and ground waters are not intentionally admitted.
- (s) *Service* shall mean the furnishing of water from the City's water distribution system and/or the furnishing of a connection to the City's sewer system.
- (t) *Sewage* shall mean a combination of the water carried wastes from residences, business buildings, institutions and industrial establishments.
- (u) *Sewage Works* shall mean all facilities for collecting, pumping, treating, and disposing of sewage.
- (v) *Sewer* shall mean a pipe or conduit for carrying sewage.
- (w) *Storm Sewer* or *Storm Drain* shall mean a sewer which carries storm and surface waters and drainage, but is intended to exclude sewage and polluted industrial wastes.
- (x) *Suspended Solids* shall mean solids that either float on the surface of, or are in suspension in water, sewage, or other liquids; and, which are removable by laboratory filtering.
- (y) *Watercourse* shall mean a channel in which a flow of water occurs, either continuously or intermittently.

(z) *Water Works* shall mean all facilities for distributing, pumping, storing and treating water.

ARTICLE 3. - ADMINISTRATION

18.3.01. - Jurisdiction of Water and Sewer Department.

The Water and Sewer Department under the direction of the superintendent of Streets and Public Works and such other officers and employees as may be from time to time lawfully appointed, shall have the supervision, management, and control subject to the Mayor and City Council, of the maintenance, enlargement and operation of the combined waterworks and sewerage system owned and controlled by said City, the procuring and selling of water, and all meters and things connected with the operation, maintenance, and extension of said combined waterworks and sewerage system, and preserving the property belonging thereto.

13.3.02. - Superintendent's Duties.

The Superintendent of Streets and Public Works shall have supervision over all buildings and equipment used in the furnishing of water and sewer service. He shall see that the combined waterworks and sewerage system is operated in an economical, business-like basis, and for this purpose it shall be the duty of the Superintendent and all of the officers and employees of said Department to enforce all the provisions of Chapter 18 and to carry out the orders and directions of the City Council. He shall prepare and keep in his office a complete atlas of the waterworks and sewerage system, with all valves, hydrants, water service connections and other appurtenances distinctly recorded therein.

18.3.03. - Reports.

The Superintendent shall submit a report quarterly, in writing, to the mayor and City Council of all matters connected with his office.

18.3.04. - Operating Duties.

The Superintendent, or such officer or employee of the Department as he shall direct, shall read water meters, issue permits and perform such other duties as now are, or may hereafter be imposed upon him by law, the code of this City, or the Mayor and City Council.

18.3.05. - Service.

Any person, firm or corporation requesting service may connect to the system upon proper application and payment of fees set forth in this Chapter. Written application for water and/or sewer service must be completed at City Hall no later than ten (10) working days from the date of sale, contract sale, or rental/lease of property. A separate written application must be completed by the owner, occupant, contract buyer and/or renter of the property, if applicable. Such appurtenances as the Corporation Cock, Roundway, Buffalo Box, and Meter shall become the property of the waterworks, and shall be furnished by the applicant at its expense in accordance with City specifications. Connection to the system will be done by the applicant at its expense under the direction and control of the City.

The owner of each house, building, or property used for human occupancy, employment, recreation, or other purposes situated within the City and abutting on any street, alley, or right-of-way in which there is now located, or may in the future be located, a water main and/or public sanitary sewer of the City, is hereby required at his expense to install suitable facilities, and to connect such facilities directly with the proper public sanitary sewer and water facilities in accordance with the provisions of this Chapter, within ninety (90) days after the date of official notice to do so, provided that said public sewer and water main is within one hundred (100) feet of the property line.

However, notwithstanding the above provision, the owner of a single-family residence in the City equipped on the effective date of this ordinance with preexisting private wells and water systems, shall not be required to connect to the City's water system until the occurrence of the earlier of the following two events:

- (a) The existing private water supply becomes inadequate to serve said residential property. In such case, the owner thereof shall be required to connect, as provided hereinabove, within ninety (90) days after such condition is first determined to exist. In such event, no new well may be drilled and existing well may be extended; or
- (b) Title to such residential property is transferred. In such case, the new owner of the property shall connect to the water system within ninety (90) days from the date of new occupancy of such property.

18.3.06. - Permits.

- A. *Permit Required.* No service connection with the water system or sanitary system of the City of Country Club Hills shall be made without a permit therefor being first obtained as hereinafter provided.
- B. *Issuance of Permit.* Application for permit for connection with the water system of the City of Country Club Hills and for connection with the sanitary sewage system of the City shall be made and filed with the Building Commissioner of the City, on forms provided by the Commissioner. The permits shall be issued by the Commissioner only after payment of the charges for such connections, respectively, as hereinafter set forth. The charges shall be payable at the time a Building Permit is issued for the building to be served, or, if no such Building Permit will be required, at the time a connection permit is issued.

The Building Commissioner shall keep in his office a complete record of all such permits issued hereunder and the exact location of such connections made. He shall furnish to the City Council a complete statement quarterly of all such permits issued since his last statement.

The Building Commissioner shall require the applicant to furnish in connection with the application for service connection the plans of the building to be served and such other information that he may require for the purpose of determining the amount of charges for such connections in accordance with the schedule of charges hereinafter set forth.

18.3.07. - Inspections.

All service pipes and connections shall be inspected and approved by the Superintendent or other persons under his direction, and no such service pipes shall be covered until they have been so inspected; provided, however, that the provisions of this section shall not apply to work done under the jurisdiction of the Board of Local Improvements.

That portion of the service pipe extending from the supply main in the street to the curb stop shall be maintained by and at the expense of the City. That portion of the service pipe extending from the curb stop to the building shall be maintained by and at the expense of the owner or occupant of the property served. Any leak detected in the service pipe shall be immediately reported to the Superintendent. If such leak is in the section between the service cock and the building, the property owner or occupant shall, within twenty-four (24) hours thereafter, cause the leak to be repaired, and upon his failure so to do, the Superintendent shall have the leak repaired and shall charge the actual cost thereof, plus ten percent (10%), to said owner or occupant.

18.3.08. - Sewer.

All extensions to the sewer mains or laterals of the City shall be made only after written application filed with the Building Commissioner; approval as to size, grade, and materials by the City Engineer; issuance by the City of a permit authorizing the same to be constructed and attached to the existing sewer mains or laterals of the City; and approval by the Metropolitan Sanitary District of Greater Chicago as required by its rules. All extensions shall then become a part of the City sewer system. Applicants making sewer connections and/or house connections to the sewer main or lateral extensions under the provisions of this Chapter shall pay all costs of labor and materials for such installation.

18.3.09. - Main Acceptance.

After completion and acceptance of a sewer main or lateral extension, title to it shall be transferred and conveyed to the City by the owner (or owners) free and clear of any and all liens and encumbrances, without cost to the City, and thereafter the City shall assume all costs of operation and maintenance of such extensions. Prior to city acceptance all mains including existing mains in areas that have not been developed with housing, shall be cleaned, inspected and if necessary televised at owners or developers expense to assure system is correct.

18.3.10. - Extensions and Sewer Connections and House Connections to Extensions.

Owners of premises abutting on the sewer mains or laterals of the City shall make application and the sewer connections and house connections shall be installed as set forth herein. Applicants who are owners of premises not abutting on the sewer mains or laterals of the city who desire sewer service from the city shall install, at their expense, sewer main or lateral extensions so as to provide sewer facilities for their premises.

18.3.11. - Cost and Indemnification by Owner.

All casts and expense incidental to the installation and connection of the building sewer shall be borne by the owner. The owner shall indemnify the City from any loss or damage that may directly or indirectly be occasioned by the installation of the building sewer. The city will repair all leaks in the public sewer main. The property owners are responsible for all leaks from the main sewer line to their building and the same must be repaired by them, and if such leaks are not repaired within a reasonable time the owners will be in violation of this Chapter.

18.3.12. - Inspector Notifications.

The applicant for the building sewer permit shall notify the inspector when the building sewer is ready for inspection and connection to the public sewer. The connection shall be made under the supervision of the inspector or his duly authorized representative.

18.3.13. - Fire Hydrants.

It shall be unlawful for anyone other than an authorized employee of a Municipal Fire Department or Fire Protection District, or Public Works employee, to obtain water from a fire hydrant within the City of Country Club Hills without first obtaining the written permission of the Superintendent of Public Works. The Water and Sewer Department shall furnish fittings, valves and meters for fire hydrant usage and shall specify the cost of water taken from such fire hydrants.

18.3.14. - Bills for Service.

It is hereby made the duty of the City Collector of the City of Country Club Hills to render bills for water and/or sewer service and all other charges in connection therewith and to collect moneys due thereon.

18.3.15. - Books and Records.

The City Collector shall establish a proper system of accounts and shall keep proper books, records, and accounts in which complete and correct entries shall be made of all transactions relative to the combined waterworks and sewerage system, and at regular annual intervals said City Collector shall cause to be made an audit by a Certified Public Accountant of the books and records to show the receipts and disbursements of the combined waterworks and sewerage system. City Collector shall report monthly to the City Council all delinquent water and sewer accounts, together with a statement as to what action is being taken to collect such delinquent accounts.

18.3.16. - Powers and Authority of Inspectors.

The City Engineer, Inspector and other duly authorized employees of the waterworks and sewerage system shall have the right of access to any premises served by the combined waterworks and sewerage system for the purpose of making inspections, observations, measurements, obtaining samples and conducting tests in order to maintain the combined system in good condition and to provide for the protection of the combined system and the efficient management thereof. Where such inspections are not of an immediate or urgent nature, employees of the combined system shall arrange for appointments mutually convenient to the owner, occupant or user of the premises served and the employees. Any person refusing to permit said employees of the waterworks and sewerage system the right of access to his premises may have his water shut off and not again turned on until the right of access is granted. Such person shall be subject to a penalty as set forth herein.

ARTICLE 4. - CHARGES, FEES, RATES AND PENALTIES

18.4.01. - Single and Multiple Dwelling Rates.

- A. Effective June 1, 2003. Single and Multiple Dwelling Water Rates will increase from \$4.00 per 1000 gallons to \$4.20 per 1000 gallons. The sewer service charge will increase from \$1.15 per 1000 gallons to \$1.22 per 1000 gallons. The minimum charge for water use in Single and Multiple Family Residential Districts, Commercial and Manufacturing Districts shall be \$23.32 per bi-monthly period, for which not more than 5,500 gallons shall be allowed. On May 1, 2004 there shall be a six percent (6%) increase in the water rate per 1000 gallons. Said 6% increase shall be calculated on the water rate imposed as of April 30, 2004. The sewer service charge will increase from \$1.22 per 1000 gallons to \$1.29 per 1000 gallons. Effective May 1, 2005 and each May 1 thereafter, a three percent (3%) cost of living increase shall be imposed on the water rate per 1000 gallons and the sewer service charge per 1000 gallons. Said 3% cost of living increase shall be calculated on the rates imposed as of April 30th of each year.

Effective June 1, 2003, any increase imposed on the City of Country Club Hills by the Village of Oak Lawn for water service to the City shall be passed on to residential customers. Adjustments to the rate for water per 1000 gallons to residential customers shall coincide with any adjustments by the Village of Oak Lawn to the City's water service bill.

1. The minimum charge for water use in Single and Multiple Family Residential District, Commercial and Manufacturing shall correspondingly increase at the same rates set for single and multiple dwelling units under this subsection A.
2. The minimum charge for water use in Single and Multiple Family Residential Districts, Commercial Districts and Manufacturing Districts shall correspondingly increase at the same rates set for single and multiple dwelling units under this subsection A.
3. In addition to the rates set forth in subsections A.1., 2. and 3. above, effective May 1, 2017, Single and Multiple Dwelling Water Consumers will be charged a separate water system improvement fee of \$6.85/month.
4. In addition to the rates set forth in subsections A.1., 2. and 3., above, effective May 1, 2017, Commercial and Manufacturing Water Consumers will be charged a separate water system improvement fee as follows:

Commercial accounts with less than 10,000 gallons of water consumption/month: Separate water system improvement fee of \$6.85/month.

Commercial accounts with 10,000 gallons to 100,000 gallons of water consumption/month: Separate water system improvement fee of \$18.08/month.

Commercial accounts with over 100,000 gallons of water consumption/ month: Separate water system improvement fee of \$119.26/month.

- B. Each residential unit of multiple family dwelling shall be charged and billed as a separate user of water and sewer service.
- C. The monthly charge for non-metered water usage in residential zoning districts shall be the minimum charge set forth in Subsection A above. The minimum charge shall apply to each source of service utilized.
- D. Commercial and industrial projects, including commercial and industrial construction sites, shall use metered water unless the City Council excuses the installation of a meter. In cases where installation of a meter has been excused by the Council at construction sites, a monthly flat rate shall be set by the Council and become payable at the time of issuance of a building permit.
- E. If water service is not provided by the City, then the sewer service charges shall be estimated by the city,

unless the user elects to install, at his sole cost and expense, a meter approved by the City to measure the flow. In such case, the charges for sewer service shall be determined in accordance with Subsection A above. In all other cases in the sewer service charge will be estimated on the basis of the water usage of similar establishments served by other water systems.

- F. In the event that an actual meter reading cannot be obtained for a given residential customer, an estimated bill shall be prepared. The quantity of water to be billed shall be equal to the highest bi-monthly bill issued in the proceeding year.
- G. All applicants for water service for individually metered and non-owner occupied premises, shall be required to make a deposit of one hundred (\$100.00) dollars With the Water Department at the time of making application for water service, which deposit shall be made as security for the prompt payment of bills for water consumed. A receipt for the deposit shall be issued to the depositor. The funds received by the Water Department for such deposit shall be turned over to the City Treasurer and the receipts issued therefore shall be the obligation of the City.

The deposit shall be refunded to the person making the deposit at the time when such person terminates the water service; provided, however, if the final water bill has not been paid in full, the deposit shall be applied toward the amount owed, with the balance, if any, then to be refunded.

- a. The applicant must abide by and accept all of the provisions of this Chapter and other City ordinances relating to the water and sewerage system as a condition governing the use of the system, or either part thereof, by the applicant or his assigns. Failure to so abide is sufficient reason for the City to terminate Water and/or sewer service.

The City reserves the right to discontinue Water service it denied access to the metering equipment.

18.4.02. - Payment of Charges, Remedies for Non-Payment.

- A. No free service shall be furnished to any person, firm or corporation. Every user shall have a metered water connection from a sealed water meter, except for the following:
 - 1. Construction water in residential zoning districts.
 - 2. Service from water fountains located on public use or park land.
 - 3. Hydrant water used in emergency service.
- B. When charges are payable, penalties. All bills for water and/or sewerage service shall be rendered as of the first day of the month succeeding the period for which the service is billed, and shall be payable not later than the close of business on the 20th day following the date of billing. In the event such 20th day shall be a Sunday or a legal holiday, than such bill shall be payable on the next following regular business day without additional penalty.

If the full amount of the bill is not paid within said period, a late charge penalty of 10% of the unpaid balance shall be added thereto.

If such service is discontinued and where there remains a delinquent bill for water and sewerage services, service to the premises shall be discontinued regardless of whether the bill remaining delinquent was incurred by a prior owner, user, consumer or occupant of the premises. The City shall not again supply water and sewerage service to the premises until this arrears shall be aid in full. When services have been

discontinued, to reinstate service, all fees, including a \$50.00 turn on fee, must be made in cash, money order or certified check, for reinstating and connecting such service. The City may invoke any additional remedy provided by law to recover the money due for services rendered. This fee to be effective May 1, 1996.

- C. *When charges become a lien.* In the event the charges for water and/or sewerage service are not paid within 60 days after rendition of the bill for such service, such charges shall be deemed and are hereby declared to be delinquent and thereafter such unpaid charges shall constitute a lien upon the real estate upon or for which such service is for which such service is supplied. The City Collector is authorized and directed to file a notice of such lien in the Office of the Recorder of Deeds of Cook County, Illinois. Such notice shall consist of a sworn statement setting forth a legal description of the real estate, the amount due, and the date when such amount became delinquent. All filing and recording costs shall constitute an additional penalty and shall be included in the bill. A copy of such notice shall be mailed or delivered (a) to the user or consumer of such service, and if the user or consumer is not the owner of the premises served, then (b) to such owner if his or its address is known to the Collector. The failure of the Collector to record such lien claim or to mail such notice, or the failure of the owner to receive such notice shall not affect the right to foreclose the lien for unpaid water and sewerage service.

Property subject to a lien for unpaid water and sewerage service shall be sold for nonpayment of the same, and the proceeds of such sale shall be applied to pay the charges, after deducting costs, as in the case in the foreclosure of statutory liens. Such foreclosure shall be by complaint in equity in the name of the City. The City Attorney, when so directed by the Mayor and City Council, shall institute such proceedings in the name of the City in any court having jurisdiction over such matters, against any property for which the water bill remains unpaid thirty (30) days after it has been tendered.

- D. *Discontinuance of service for non-payment; notice and hearing; reinstatement of service; other remedies.* Bills shall be mailed, on or about, the first day of each month. Payment shall be due by the twentieth (20th) day of the month. If payment is not received within said period, a ten percent (10%) late penalty shall be assessed. If payment for such services are not paid within twenty-one (21) days after the rendition of the bill therefor, the Water Department shall cause written notice of delinquency and termination to be served upon the party or parties responsible for the payment of the same, advising the party that the party's account is delinquent and that water service will be terminated for nonpayment, unless payment is made, and the date of termination, which date shall not be less than ten (10) days from the date of notice. Such notice shall be served either personally or by mail, postage prepaid. Such notice shall also advise the party that (s)he may request a pretermination hearing to determine whether such charges are correct and whether service should be terminated for failure to pay such charges. If such party requests a hearing, one will be conducted by a hearing officer. The City Manager shall appoint the hearing officer who may be an employee of the City. The hearing shall be public and informal and the hearing officer shall take evidence only concerning the accuracy of the charges. At the close of hearing, the hearing officer shall decide whether the service should be terminated or not. If the hearing officer determines that service shall be terminated, (s)he shall so notify the party and instruct the Water Department to terminate service not earlier than three (3) days after the date of the hearing. A copy of such instruction to terminate service shall be delivered personally, or sent by first class mail, postage prepaid, upon the party or parties responsible for the payment of the delinquent charges.

If such service is discontinued and where there remains a delinquent or outstanding bill for water and sewerage services, service to the premises shall be discontinued regardless of whether the bill remaining delinquent was incurred by a prior owner, user, consumer or occupant of the premises. The City shall not

again supply water and sewerage service to the premises until this arrears shall be paid in full. When services have been discontinued, to reinstate service, all fees, including a \$35.00 turn-on fee and reimbursement in full of the attorney's fees incurred by the City, if the City Attorney attends the hearing, must be made in cash, money order or certified check, for reinstating and connecting such service. The City may invoke any additional remedy provided by law to recover the money due for services rendered.

- E. *Joint, several liability for service charges.* The owner of the premises, the occupant thereof, and the user of the water and/or sewerage service shall be jointly and severally liable to pay for the service on such premises. The service shall be furnished to the premises by the City only upon the condition that the owner of the premises, any occupant and any user of the service individually execute a written water and/or sewerage service agreement with the City that sets forth that each are jointly and severally liable therefor to the City for said service.
- F. *Bankruptcy.* Upon notification of the City that a customer, who has a delinquent or outstanding bill for water and/or sewerage service, has filed a petition for bankruptcy under the United States Bankruptcy Act, the City shall require said customer to provide the City with a security deposit in the amount of fifty dollars (\$50.00) to assure payment for water and/or sewerage service provided after the date of the filing of the bankruptcy petition. This security deposit shall be due within twenty (20) days of the date of written notice by the City. If said security deposit is not received within this time period, the City shall immediately terminate said customer's water and/or sewerage service. If the customer feels that the amount of the security deposit is unreasonable, (s)he may request the Bankruptcy Court, under Section 366(b) of the Bankruptcy Code, 11 U.S.C. § 366(b), to hold a hearing to modify the amount of the deposit or to order that some other adequate assurance of payment be provided.
- G. *Change of ownership of premises.* In the event of a change in the ownership of the premises receiving water and/or sewerage service, or a change in the tenancy of the premises where the new tenant is to be charged for water and/or sewerage service, the City shall be promptly notified and a new application for water and/or sewerage service made and signed. The new owner, occupant and user shall be subject to all of the provisions of this Chapter. If the new owner, occupant and user are in violation of this paragraph, the water and/or sewerage service to said premises shall be discontinued after notice and hearing as provided in Section 18.4.02 of this Chapter.

18.4.03. - Connection Fee.

- A. *Charges for water and sanitary sewer service connection.* The base charge for each water service connection and for each sanitary sewer service connection shall be as herein set forth. The base charge for each water service connection shall be based upon the diameter of the water service pipe. The base charge for each sanitary sewer service connection shall be based upon the diameter of the water service connection serving the same premises, regardless of the diameter of the sanitary sewer connection tile or pipe.

Diameter of Water Service Pipe	Water Service Charge	Sanitary Sewer Service Charge
Three-quarters inch	\$385.00	\$165.00
One inch	\$462.00	\$198.00

One and one-quarter inch	\$649.00	\$275.00
One and one-half inch	\$880.00	\$374.00
Two inch	\$1,353.00	\$577.00
Two and one-half inch	\$1,936.00	\$830.00
Three inch	\$2,651.00	\$1,138.00
Three and one-half inch	\$3,492.00	\$1,496.00
Four inch	\$4,466.00	\$1,914.00
Five inch	\$6,792.00	\$2,909.00
Six inch	\$9,647.00	\$4,136.00
Eight inch	\$16,907.00	\$7,249.00
Ten inch	\$26,230.00	\$11,242.00
Twelve inch	\$39,648.00	\$16,137.00

In addition to the above provided base charges for water service connections and for sanitary sewer connections, the following additional charges shall be applied and made for each such respective service as follows:

Apartment buildings: For each separate apartment or dwelling unit contained therein excess of (1):

For Water	\$221.00
For Sanitary Sewer	\$99.00

Hotel and motel buildings: For each lodging room, or unit, contained therein, in the excess of four (4):

For Water	\$115.00
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For Sanitary Sewer	\$50.00
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Dormitory buildings: For each separate room, or unit for occupancy by not more than two (2) persons, contained therein in excess of eight (8):

For Water	\$46.00
For Sanitary Sewer	\$20.00

Combined commercial and residential building: For each separate apartment or dwelling unit contained therein:

For Water	\$230.00
For Sanitary Sewer	\$100.00

Every living unit containing two (2) or more rooms, in any hotel, motel or dormitory, which is, or will be, equipped for complete living purposes shall be considered as an apartment for the purpose of the above charges hereunder.

- B. *Charges where schedule is inapplicable.* In the case of any application for water service connection permit or for sanitary sewage service connection permit to which the application of the schedule of charges as above set forth are not definitely applicable, the City Council shall determine the charges to be made in the particular situation.
- C. *Charges for pre-existing service.* In case of construction of a new building, or of the alteration or addition to an existing building, located upon a lot or tract which has an existing water service or sanitary sewage service connection previously in use, and if all or any part of such construction will be devoted to uses included in the category of uses above specified for the additional charges, and such use is greater than the previous devoted use, no building permit shall be issued without payment of the additional charges on the bases of the charges set forth in Subsection A. hereof.
- D. *Acceptance of donations in lieu of charges.* The city may accept a donation of construction, expansion, or extension of the works of its system in lieu of all or part of the charges established in the foregoing Subsection A.
- E. *Connection of fire protection systems.* Where a separate connection is made to the City Water Mains for Fire Protection Only, the water connection charges in the foregoing Subsection A. shall be waived.

18.4.04. - Water Permit and Inspection Fees.

A permit and inspection fee of fifty-five (\$55.00) dollars shall be made for inspecting water service lines, connections and meters at the time of application.

18.4.05. - Sewer Permit and Inspection Fees.

A sewer permit and inspection fee shall be paid for sewer service at the time of application as follows:

A.	Residential Buildings:	\$15.00
B.	Commercial Buildings:	\$15.00
C.	Industrial Buildings:	\$40.00

18.4.06. - Resealing Water Meters.

The charge for resealing any water meter or component thereof that is broken, damaged, mutilated or tampered with by the user, consumer or owner shall be equal to the highest previous water bill for an equivalent period of time plus a minimum \$100.00 fine.

There shall be no charge for customer-requested resealing if there is no evidence of purposeful tampering.

18.4.07. - Meter Tests.

If a customer demands a meter test, of a meter that is three quarters inch ($\frac{3}{4}$ ") in size or smaller, a charge of \$50.00 shall be made if the meter proves to be accurate. The cost of accuracy testing and repairing all meters one inch (1") in size or larger shall be paid for by the water customer and shall include all costs incurred by the to remove, test, repair and replace said meter.

18.4.08. - Replacing Meters.

If a meter is replaced because of any purposeful breakage or damage, such as avoidable-freezing, the owner and/or the occupant of the premises in which such meter was originally installed shall be liable for a replacement charge equal to the current cost of the meter or any component thereof, plus ten percent (10%) and an installation fee equivalent to the manpower hours for the installation.

If an owner and/or occupant requests removal and reinstallation of a meter, not because of breakage or damage, there shall be a \$35.00 removal and reinstallation fee.

18.4.09. - Construction Water.

The charge for Construction Water shall be \$30.00 and shall be paid with the Water Connection Permit for all new construction.

18.4.10. - Penalties.

Any person, firm or corporation who violates, disobeys, commits, neglects, refuses to comply with, or resists the enforcement of any provision of this Chapter shall be subject to a penalty as prescribed in Chapter 10 of this Code. Each day a violation is permitted to exist or continue shall constitute a separate offense.

ARTICLE 5. - WATER REGULATIONS

18.5.01. - Service Line.

Each service pipe shall be laid or used to supply one distinct premises or building and shall run from the supply line directly to said distinct premises or building. A permit fee shall be obtained for each service. All service pipes two (2) inches and under shall be of type K copper, with flared fittings or silver solder for connections.

18.5.02. - Corporation and Curb Stops.

When a connection is made with a water main, two stops shall be used, one at the main itself, which will be known as the corporation stop; the other approximately eight (8) feet on the street side of the property line, or at a location accessible to the employees of the Water and Sewer Department, which shall be known as the curb stop (service cock). The stop shall be the type known as 4713 McDonald or equivalent. The curb stop shall have a buffalo box with a stationary rod attached to the curb stop and the buffalo box shall extend up to even with the surface of the ground with a cover suitably secured in place.

18.5.03. - By-Passes.

Sealed by-passes may be constructed around compound meters upon written permission from the Superintendent of Public Works.

18.5.04. - Three-Fourths-Inch Corporation Stop, Curb Stop and Buffalo Box.

Each $\frac{3}{4}$ -inch copper house service will be fitted with a $\frac{3}{4}$ -inch corporation stop at the water main and a curb stop and buffalo box located eight (8) feet from the property line. A $\frac{3}{4}$ -inch corporation stop shall be similar and equal to Catalog No. H15000 as manufactured by Mueller Co., Decatur, Illinois.

The curb stop shall be threaded to accommodate Minneapolis Type buffalo box and shall be similar to Catalog No. H15154 as manufactured by Mueller Co., Decatur, Illinois. Buffalo box shall be of the Minneapolis Pattern base type complete with stationary rod and lid with brass plug. Upper section shall be one (1) inch in diameter and extended length shall be five feet six inches (5'6"). Rod length shall be fifty-one inches (51"). Buffalo box shall be similar and equal to Catalog No. H10332 as manufactured by Mueller Co., Decatur, Illinois.

18.5.05. - Gate Valve.

A full flow gate valve shall be installed on the street side of the meter. An additional gate valve must be installed on the house side of the meter.

18.5.06. - Service Pipe Size.

Minimum pipe size for single family residences shall be one (1") inch. For service lines to other building, the water department shall specify pipe and meter sizes depending on each situation. All pipe from buffalo box to meter must be of copper with copper or brass fittings.

18.5.07. - Water Meters.

- A. *Type of meter.* The applicant, at its expense, shall supply GRS Remote Meter to all service pipes now connected or that may hereafter be connected to the public water mains of the City. The size and capacity of the meters for each installation shall be determined by the Superintendent of Public Works.
- B. *Location of meters and metering equipment.* Water meters and water metering devices shall be located at such places and in such manner as the Superintendent of Public Works or his representative shall direct. Water meters shall be a minimum of fourteen inches (14") off the floor. Meter locations must be so situated as to prevent freezing of water flowing through such meters. Water metering devices shall be maintained free from obstructions and conveniently accessible for the purpose of reading, inspection and repair. If any metering device is not kept unobstructed and accessible for reading and inspection, the water shall be shut off and not turned on again until the obstructions are removed and the metering equipment made accessible.
- C. *Seals, who may break seals.* All meters are to be sealed by the City and stamped with the City sealer. No seal placed by the Water and Sewer Department for the protection of any meter, valve, fitting, or other water connection shall be defaced or broken, except on written authority from the Superintendent of Public Works or his representative.
- D. *Who may remove, repair meters, meter stop.* After any water meter is placed, only officers or employees of the Water and Sewer Department shall be allowed to repair, remove or in any manner interfere with such meter. A meter stop or valve shall be placed on each side of the meter.
- E. *Injuring, defacing meters, notice of defective meter.* It shall be unlawful for any person to injure, deface, mar, destroy or in any manner interfere with any water meter. It shall be the duty of the owner or occupant to properly register the quantity of water passing through the same.
- F. *Cost of keeping meter repaired.* Water meters shall be deemed inaccurate and in need of repair when they vary from A.W.W.A. C-705 Standard. Whenever any meter shall be shown to be inaccurate or in need of repair, the Superintendent of Public Works shall cause it to be removed, and every meter so removed shall be replaced with one which has been tested and proven to be accurate. The ordinary cost of keeping each meter in repair shall be paid by the City. The person upon whose application any meter is installed or the then owner and/or occupant of the premises served, shall be jointly and severally liable for any breakage or damage done to such meter, including damage by freezing, hot water, or breakage, and also for the theft thereof.
- G. *Liability to city for losses incurred by city caused by chapter violations and additional charges.* Any person violating any of the provisions of this Section shall become liable to the City for any expense, loss, or damage occasioned the City by reason of such violation. The cost of making good such loss or damage, any replacement meter charge, any resealing of meter charge or meter test charge shall be paid by the owner

and/or the occupant of the premises in which such meter was installed as soon as the bill for same is presented and the amount therefore shall be a lien against the premises for which such meter was installed to the extent and with the same effect as water rates.

18.5.08. - Tampering With Water Service.

It shall be unlawful for any person, firm or corporation, except for the Superintendent of Public Works or his authorized representative, to activate, discontinue or disconnect service to any building or location within the City, subject to penalties specified elsewhere in this Chapter.

Any person violating this provision shall also be liable for any water used based on the greater of 1000 gallons plus per day or actual gallons used as recorded by any meter previously installed. Such charges shall be due upon presentation of any invoice by a representative of the Water and Sewer Department. Such charges shall become a lien against the premises to the extent and with the same effect as provided in Article 4 of this Chapter.

18.5.09. - Water Conservation Measures.

- A. In all new construction and in all repair and/or replacement of fixtures or trim, only fixtures and trim not exceeding the following flow rates and/or water usage shall be installed.

	Maximum Flow Rate*	
Gallons/Flush Liters/Flush		
Water Closets		
- tank type	3.5	13.25
- flushometer type	3.0	11.35
Urinals - tank or flushometer type	3.0	11.35
	Gallons/Minute	Liters/Minutes
Shower Heads	3.0	11.35
Lavatory and sink faucets	3.0	11.35
*All rates shown assume a pressure range of 245 to 300 kg/m2 (40 to 50 psi) at the fixture.		

- B. In addition to the requirements listed above, in all new construction and replacement of fixtures, faucets of

lavatories located in restrooms intended for public use, shall be of the metering or self closing type.

- C. In all new construction and replacement of fixtures, all car wash installations shall be equipped with a water recycling system.
- D. The installation of closed system air-conditioning in all new construction and in all new remodeling.
- E. It shall be unlawful for any person, firm or corporation to use and withdraw water from the waterworks system of the City of Country Club Hills from May 15th to September 15th of each year, inclusive, for the sprinkling, watering, or irrigation of shrubbery, trees, lawns, grass, plants, vines, gardens, vegetables, flowers, or any other vegetation; or for the washing of sidewalks, driveways, outside buildings, or other outdoor surfaces; or for the operation of any ornamental fountain or other structure making a similar use of water, except between the hours of 7:00 a.m. and 11:00 a.m. and between the hours 7:00 p.m. and 11:00 p.m.; provided however, in emergency conditions, sprinkling, irrigation or similar use of water shall be further restricted for the premises as hereafter set forth:

Even-numbered addresses on even-numbered calendar days; odd-numbered addresses on odd-numbered calendar days.

An exception to this provision shall be granted for newly laid sod. Newly laid sod may be sprinkled for ten (10) consecutive days provided a special watering permit has been obtained from the Water Department. Said permit shall be displayed on each of said days. It shall set forth the address of property and the dates for which it is issued. There shall be no fee for the permit.

A further exception to this ordinance shall be granted non-commercial car washing and watering flowers and plants, proving the following conditions are observed:

1. Hose must be equipped with a shut-off nozzle; and
2. Hoses must not be left unattended with water running at any time during the hours of restrictions.

Any person, firm or corporation violating the provisions of this Section shall be fined not less than fifteen (\$15.00) dollars and not more than five hundred (\$500.00) dollars for each offense and a separate offense shall be deemed committed on each day during or on which a violation occurs or continues.

ARTICLE 6. - SEWER REGULATIONS

18.6.01. - Definitions.

- A. *Ordinance* means this ordinance.
- B. *City* means the City of Country Club Hills.
- C. *Approving Authority* means the Superintendent of Public Works.
- D. *Person* shall mean any and all persons, natural or artificial including any individual, firm, company, municipal, or private corporation, association, society, institution, enterprise, governmental agency or other entity.
- E. *NPDES Permit* means any permit or equivalent document or requirements issued by the Administrator, or, where appropriated by the Director, after enactment of the Federal Clean Water Act to regulate the discharge of pollutants pursuant to Section 402 of the Federal Act.
- F. *Clarification of Word Usage*. "Shall" is mandatory. "May" is permissible.

- G. *Wastewater* shall mean the spent water of a community. From this standpoint of course, it may be a combination of liquid and water-carried wastes from residences, commercial buildings, industrial plants, and institutions, together with any groundwater, surface water, and stormwater that may be present.
- H. *Sewage* is used interchangeably with "wastewater."
- I. *Effluent Criteria* are defined in any applicable "NPDES Permit."
- J. *Water Quality Standards* are defined in the Water Pollution Regulations of Illinois.
- K. *Unpolluted Water* is water quality equal to or better than the effluent criteria in effect or water that would not cause violation of receiving water quality standards and would not be benefited by discharge to the sanitary sewers and wastewater treatment facilities provided.
- L. *ppm* shall mean parts per million by weight.
- M. *Milligrams per Liter* shall mean a unit of the concentration of water or wastewater constituent. It is 0.0001 g of the constituent in 1,000 ml of water. It has replaced the unit formerly used commonly, parts per million, to which it is approximately equivalent, in reporting the results of water and wastewater analysis.
- N. *Suspended Solids (SS)* shall mean solids that either float on the surface of, or are in suspension in water, sewage, or industrial waste, and which are removable by a laboratory filtration device. Quantitative determination of suspended solids shall be made in accordance with procedures set forth in the IEPA Division of Laboratories Manual of Laboratory Methods.
- O. *BOD (denoting Biochemical Oxygen Demand)* shall mean the quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedure in five (5) days at 20 degrees C, expressed in milligrams per liter.
- P. *pH* shall mean the logarithm (base 10) of the reciprocal of the hydrogen-ion concentration expressed by one of the procedures outlined in the IEPA Division of Laboratories Manual of Laboratory Methods.
- Q. *Garbage* shall mean solid wastes from the domestic and commercial preparation, cooking, and dispensing of food, and from the handling, storage and sale of food.
- R. *Properly Shredded Garbage* shall mean the wastes from the preparation, cooking, and dispensing of food that have been shredded to such a degree that all particles will be carried freely under the flow conditions normally prevailing in public sewers, with no particle greater than one-half (½) inch (1.27 centimeters) in any dimension.
- S. *Floatable Oil* is oil, fat, or grease in a physical state such that it will separate by gravity from wastewater by treatment in an approved pretreatment facility. A wastewater shall be considered free of floatable fat if it is properly pretreated and the wastewater does not interfere with the collection system.
- T. *Slug* shall mean any discharge of water, sewage or industrial waste which in concentration of any given constituent or in quantity of flow exceeds for any period of duration longer than fifteen (15) minutes more than five (5) times the average twenty-four (24) hour concentration of flows during normal operation.
- U. *Industrial Waste* shall mean any solid, liquid or gaseous substance discharged, permitted to flow or escaping from any industrial, manufacturing, commercial or business establishment or process or from the development, recovery or processing of any natural resource as distinct from sanitary sewage.
- V. *Major Contributing Industry* shall mean an industrial user of the publicly owned treatment works that: (a) has a flow of 50,000 gallons or more per average work day; or (b) has a flow greater than ten (10%) percent of the flow carried by the municipal system receiving the waste; or (c) has in its waste, a toxic pollutant in toxic

amounts as defined in standards issued under Section 307(a) of the Federal Act; or (d) is found by the permit issuant authority, in connection with the issuance of the NPDES Permit to the publicly owned treatment works receiving the waste, to have significant impact, either singly or in combination with other contributing industries, on that treatment works or upon the quality of effluent from that treatment works.

- W. *Sewer* shall mean a pipe or conduit for conveying sewage or any other waste liquids, including storm, surface and groundwater drainage.
- X. *Sanitary Sewer* shall mean a sewer that conveys sewage or industrial wastes or a combination of both, and into which storm, surface, and groundwaters or polluted industrial wastes are not intentionally admitted.
- Z. *Storm Sewer* shall mean a sewer that carries storm, surface and groundwater drainage but excludes sewage and industrial wastes other than unpolluted cooling water.
- AA. *Combined Sewer* shall mean a sewer which is designed and intended to receive wastewater, storm, surface and groundwater drainage.
- BB. *Building Sewer* shall mean the extension from the building drain to the public sewer or other place of disposal.
- CC. *Building Drain* shall mean that part of the lowest piping of drainage system which receives the discharge from soil, waste, and other drainage pipes inside the walls of the building and conveys it to the building sewer or other approved point of discharge, beginning five (5) feet (1.5 meters) outside the inner face of the building wall.
- DD. *Stormwater Runoff* shall mean that portion of the precipitation that is drained into the sewers.
- EE. *Sewerage* shall mean the system of sewers and appurtenances for the collection, transportation and pumping of sewage.
- FF. *Easement* shall mean an acquired legal right for his specific use of land owned by others.
- GG. *Pretreatment* shall mean the treatment of wastewaters from sources before introduction into the wastewater treatment works.
- HH. *Wastewater Treatment Works* shall mean an arrangement of devices and structures for treating wastewater, industrial waste, and sludge. Sometimes used as synonymous with "waste treatment plant" or "wastewater treatment plant" or "pollution control plant."
- II. *Wastewater Facilities* shall mean the structures, equipment, and processes required to collect, carry away, and treat domestic and industrial wastes and transport effluent to a watercourse.
- JJ. *Watercourse* shall mean a channel in which a flow of water occurs, either continuously or intermittently.
- KK. *Natural Outlet* shall mean any outlet into a watercourse, pond, ditch, lake, or other body of surface or groundwater.
- LL. *User Class* shall mean the type of user "residential, institutional/governmental, commercial," or "industrial" as defined herein.
- MM. *Residential User* shall mean all dwelling units such as houses, mobile home, apartments, permanent multi-family dwellings.
- NN. *Commercial User* shall include transit lodging, retail and wholesale establishments or places engaged in selling merchandise, or rendering services.
- OO. *Institutional/Governmental User* shall include schools, churches, penal institutions, and users associated with Federal, State, and local governments.

- PP. *Industrial Users* shall include establishments engaged in manufacturing activities involving the mechanical or chemical transformation of materials of substance into products.
- QQ. *Control Manhole* shall mean a structure located on a site from which industrial wastes are discharged. Where feasible, the manhole shall have an interior drop. The purpose of a "control manhole" is to provide access for the City representative to sample and/or measure discharges.
- RR. *Basic User Charge* shall mean the basic assessment levied on all users of the public sewer system.
- SS. *Replacement* shall mean expenditures for obtaining and installing equipment, accessories, or appurtenances which are necessary during the useful life of the treatment works to maintain the capacity and performance for which such works were designed and constructed. The term "operation and maintenance" includes replacement.
- TT. *Useful Life* shall mean the estimated period during which the collection system and/or treatment works will be operated.
- UU. *Water and Sewerage Fund* is the principal accounting designation for all revenues received in the operation of the sewerage system.

18.6.02. - Use of Public Sewers Required.

- A. It shall be unlawful for any person to place, deposit, or permit to be deposited in any unsanitary manner on public or private property within the city of Country Club Hills (hereinafter, the city) in any area under the jurisdiction of said City, any human or animal excrement, garbage or other objectionable waste.
- B. It shall be unlawful to discharge to any natural outlet within the City of Country Club Hills, or in any area under the jurisdiction of said City, any sewage or other polluted waters, except where suitable treatment has been provided in accordance with subsequent provisions of this ordinance.
- C. Except as hereinafter provided, it shall be unlawful to construct or maintain any privy, privy vault, septic tank, cesspool, or other facility intended or used for the disposal of sewage.
- D. The owner of all the houses, buildings, or properties used for human occupancy, employment, recreation, or other purposes, situated within the City and abutting on any street, alley, or right-of-way in which there is now located or may in the future be located any public sanitary sewer of the city, is hereby required at his expense to install suitable toilet facilities directly with the proper public sewer in accordance with the provisions of this ordinance, within ninety (90) days after date of official notice to do so, provided that said public sewer is within 1000 feet of the property line.
- E. Where a public sanitary sewer is not available under the provisions of Section 18.6.01(D), the building sewer shall be connected to a private sewage disposal system in accordance with the rules and regulations of the Cook County Department of Public Health. Such private sewage disposal system shall be proved by the Cook County Department of Public Health prior to use.
- F. At such time as a public sewer becomes available to a property served by a private sewage disposal system, as provided in Section 18.6.01(D), a direct connection shall be made to the public sewer in compliance with this ordinance, and any septic tanks, cesspools, and similar private sewage disposal facilities shall be abandoned and filled with suitable material.
- G. The owner shall operate and maintain the private sewage disposal facilities in a sanitary manner at all time, and at no expense to the City.
- H. No statement contained in this Article shall be construed to interfere with any additional requirements that

may be imposed by the Health office of the City or by the Cook County Department of Public Health.

- I. When a public sewer becomes available, the building sewer shall be connected to said sewer within ninety (90) days and the private sewage disposal system shall be cleaned of sludge and filled with clean bank-run gravel or dirt.

18.6.03. - Building Sewers and Connections.

- A. No unauthorized person shall uncover, make any connections with, or opening into; use; alter; or disturb any public sewer or appurtenance hereof without first obtaining a written permit from the Director of Public Works.
- B. All disposal by any person into the sewer system is unlawful except those discharges in compliance with Federal Standards promulgated pursuant to the Federal Act and more stringent State and Local Standards.
- C. There shall be two (2) classes of building sewer permits: (a) for residential, wastewater service, and (b) for commercial, institutional/governmental or industrial wastewater service. In either case, the owner or his agent shall make application on a special form furnished by the City.

The permit application shall be supplemented by any plans, specifications, or other information considered pertinent in the judgment of the Director of Public Works. Permit, inspection and connection fees, as required in Sections 18.4.03 and 18.4.05, shall be paid to the City at the time the application is filed. The industry, as a condition of permit authorization, must provide information describing its wastewater constituents, characteristics, and type of activity.

- D. A building sewer permit will only be issued and a sewer connection shall only be allowed if it can be demonstrated that the downstream sewerage facilities, including sewers, pump stations and wastewater treatment facilities, have sufficient reserve capacity to adequately and efficiently handle the additional anticipated waste load.
- E. All costs and expense incident to the review and verification of design plans and installation and connection of the building sewer shall be borne by the owner. The owner shall indemnify the City from any loss or damage that may directly or indirectly be occasioned by the installation of the building sewer.
- F. A separate and independent building sewer shall be provided for every building, except that where one building stands at the rear of another on an interior lot and no private sewer is available or can be constructed to the rear building through an adjoining alley, court, yard, or driveway, the building sewer from the front building may be extended to the rear building and the whole considered as one building sewer.
- G. Old building sewers may be used in connection with new buildings only when they are found, on examination and test to meet all requirements of this Ordinance, and the Ordinances of the Metropolitan Water Reclamation District of Greater Chicago. The City may recover any reasonable costs incurred for such tests or examinations.
- H. The size, slope, alignment, materials of construction of a building sewer, and the methods to be used in excavating, placing of the pipe, jointing, testing, and backfilling the trench, shall all conform to the requirements of the building and plumbing code or other applicable rules and regulations of the City, Standard Specifications for Water and Sewer Main Construction in Illinois, and the Manual of Procedures for Administration of the Sewer Ordinance of the Metropolitan Water Reclamation District of Greater Chicago.
- I. The connection of the building sewer into the public sewer shall conform to the requirements of the building and plumbing code, or other applicable rules and regulations of the City, for Water Main Construction in

Illinois and Metropolitan Water Reclamation District of Greater Chicago Manual of Procedures. All such connections shall be made gastight and watertight.

- J. In addition to the notification requirements of the Metropolitan Water Reclamation District of Greater Chicago, the applicant for the building sewer permit shall provide the Director of Public Works forty-eight (48) hours notice of start of construction of any building sewer. Additionally, the Director of Public Works shall be notified at least twenty-four (24) hours in advance of the time the building sewer is ready for inspection and connection to the public sewer. No sewer installation shall be backfilled until the Director of Public Works, or his authorized representative, has inspected and approved the installation.
- K. All excavations for building sewer installation shall be adequately guarded with barricades and lights so as to protect the public from hazard. Streets, sidewalks, parkways, and other public property disturbed in the course of the work shall be restored in a manner satisfactory to the City.

18.6.04. - Use of the Public Sewers.

- A. No person shall discharge, or cause to be discharged, any stormwater, surface water, ground after roof runoff, sub-surface drainage, uncontaminated cooling water, or unpolluted industrial process waters to any sanitary sewer.
- B. Stormwater and all other unpolluted drainage shall be discharged to storm sewers, or to a natural outlet approved by the Superintendent. Industrial cooling water or unpolluted industrial process waters may be discharged on approval of the Superintendent, to a storm sewer, or natural outlet.
- C. No person shall discharge or cause to be discharged any of the following described waters or wastes to any public sewers:
 - 1. Any gasoline, benzene, naphtha, fuel oil, or other flammable or explosive liquid, solid, or gas.
 - 2. Any waters or wastes containing toxic or poisonous solids, liquids, or gases in sufficient quantity, either singly or by interaction with other wastes, to injure or interfere with any sewage treatment process, constitute a hazard to humans or animals, create a public nuisance, or create any hazard in the receiving waters of the sewage treatment plant.
 - 3. Any waters or wastes having a pH lower than 5.5 or having any other corrosive property capable of causing damage or hazard to structures, equipment, and personnel of the sewage collection system.
 - 4. Solid or viscous substances in quantities or of such size capable of causing obstruction to the flow in sewers, or other interference with the proper operation of the sewage collection system such as, but not limited to, ashes, cinders, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood, underground garbage, whole blood, paunch manure, hair and fleshing, entrails and paper dishes, cups, milk containers, etc., either whole or ground by garbage grinders.
- D. No person 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 of Public Works, that such wastes can harm the sewers; have an adverse effect on the receiving stream; 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 of Public Works 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. The substances prohibited are:
 - 1. Any liquid or vapor having a temperature higher than one hundred fifty degrees Fahrenheit (150°F), (65°C).

2. Any waters or wastes containing toxic or poisonous materials; or oils, whether emulsified or not, in excess of hundred (100) mg/l or containing substances which may solidify or become viscous at temperatures between two (32) and one hundred fifty degrees Fahrenheit (150°F), (0 and 65°C).
 3. Any garbage that has not been properly shredded. The installation and operation of any garbage grinder equipped with a motor of three-fourths ($\frac{3}{4}$) horsepower (0.76 hp metric) or greater shall be subject to the review and approval of the Director of Public Works.
 4. Any waters or wastes containing strong acid, iron pickling wastes, or concentrated plating solution whether neutralized or not.
 5. Any waters or wastes containing iron, chromium, copper, zinc, or similar objectionable or toxic substances; or wastes exerting an excessive chlorine requirement.
 6. Any waters or wastes containing phenols or other tastes or odor-producing substances.
 7. Any radioactive wastes or isotopes.
 8. Any wastes or waters having a pH in excess of 9.5.
 9. Any mercury or any of its compounds in excess of 0.0005 mg/l as Hg at any time except as permitted by applicable state and Federal regulations.
 10. Any cyanide.
 11. Materials which exert or cause:
 - a. Unusual concentrations of inert suspended solids (such as, but not limited to, lime slurries, and lime residues) or of dissolved solids (such as, but not limited to, sodium chloride and sodium sulfate);
 - b. Excessive discoloration (such as, but not limited to, dye wastes and vegetable tanning solutions);
 - c. Unusual BOD, chemical oxygen demand, or chlorine requirements in such quantities as to constitute a significant load on the sewage treatment works;
 - d. Unusual volume of flow or concentrations of wastes constituting "slugs" as defined herein.
 12. Waters or wastes containing substances which are not amenable to treatment or reduction by the sewage treatment processes employed, or are amenable to treatment only to such degree that the sewage treatment plant effluent cannot meet the requirements of agencies having jurisdiction over discharge to the receiving waters.
- E. Grease, oil, and sand interceptors shall be provided when, in the opinion of the Director of Public Works, they are necessary for the proper handling of liquid wastes containing grease in excessive amounts, or any flammable wastes, sand, or other harmful ingredients; 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 Director of Public Works, and shall be located as to be readily and easily accessible for cleaning and inspection.
- F. Where preliminary treatment or flow-equalizing facilities are provided, they shall be maintained continuously in satisfactory and effective operation by the owner at his expense.
- G. Each industry shall be required to install a control manhole and, when required by the Director of Public Works or Metropolitan Water Reclamation District of Greater Chicago, the owner of any property serviced by a building sewer carrying industrial wastes shall install a suitable control manhole together with such necessary meters and other appurtenances in the building sewer to facilitate observation, sampling, and measurement of the wastes. Such manhole, when required, shall be accessibly and safely located, and shall

be constructed in accordance with plans approved by the Director of Public Works and the Metropolitan Water Reclamation District of Greater Chicago. The manhole shall be installed by the owner at his expense, and shall be maintained by him so as to be safe and accessible at all times.

- H. The owner of any property serviced by a building sewer carrying industrial wastes shall provide laboratory measurements, tests, and analyses of waters and wastes to illustrate compliance with this Ordinance and any special conditions for discharge established by the City or regulatory agencies having jurisdiction over the discharge.

The number, type and frequency of laboratory analyses to be performed by the owner, shall be as stipulated by the City, but no less than once per year the industry must supply a complete analysis of the constituents of the wastewater discharge to assure that compliance with the Federal, State and local standards are being met. The owner shall report the results of measurements and laboratory analyses to the City at such times and in such a manner as prescribed by the City.

The owner shall bear the expense of all measurements, analyses, and reporting required by the City. At such time as deemed necessary, the City reserves the right to take measurements and samples for analysis by an outside laboratory service.

- I. All measurements, tests, and analyses of the characteristics of waters and wastes to which reference is made in this Ordinance shall be determined in accordance with the latest edition of IEPA Division of Laboratories Manual of Laboratory Methods, and shall be determined at the control manhole. In the event that no special manhole has been required, the control manhole shall be considered to be the nearest downstream manhole in the public sewer to the point at which the building sewer is connected. Sampling shall be carried out by customarily accepted methods to reflect the effect of constituents upon the swage works and to determine the existence of hazards to life, limb, and property. The particular analyses involved will determine whether twenty-four (24) hour composite of all outfalls of premise is appropriate or whether a grab sample or samples should be taken. Normally, but not always, BOD and suspended solids analyses are obtained from 24-hour periodic grab samples.

18.6.05. - Protection of Sewage Works from Damage.

- A. No person shall maliciously, willfully, or negligently break, damage, destroy, or tamper with any structure, appurtenance, or equipment which is a part of the sewage works. Any person violating this provision shall be subject to immediate arrest under charge of disorderly conduct.

18.6.06. - Powers and Authority of Inspectors.

- A. The Superintendent and other duly authorized employees of the City, the Illinois Environmental Protection Agency ("IEPA"), and the United States Environmental Agency ("EPA"), bearing proper credentials and identification, shall be permitted to enter all properties for the purposes of inspection, observation, measurement, sampling, and testing in accordance with the provisions of this Ordinance. The Superintendent or his representative shall have no authority to inquire into any processes, including metallurgical, chemical, oil refining, ceramic, paper, or other industries beyond that point having a direct bearing on the kind and source of discharge to the sewers or waterway or facilities for waste treatment.
- B. While performing the necessary work on private properties referred to in Section 18.6.05(A), above, the Director of Public Works or duly authorized employees of the City, the Illinois Environmental Protection

Agency, and the U.S. Environmental Protection Agency shall observe all safety rules applicable to the premises established by the company and the company shall be held harmless for injury or death to the City employees for personal injury or property damage asserted against the company and growing out of the gauging and sampling operating, except as such may be caused by negligence or failure of the company to maintain conditions as required in Section 18.6.03(H).

- C. The Director of Public Works and other 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, measurement, sampling, repair, and maintenance of any portion of the sewage works lying within said easement. All entry and subsequent work, if any, on said easement, shall be done in full accordance with the terms of the duly negotiated easement pertaining to the private property involved.

18.6.07. - Trees.

- A. Trees including Cottonwood, Linden, Poplar, Willow, Balm of Gilead and Aspen that have fibrous root systems which extend a considerable distance for moisture must be located in excess of 100 feet from any and all sewer facilities. This distance is also recommended for all private sewer facilities.

18.6.08. - Penalties.

- A. Any person found to be violating any provision of this ordinance except Section 18.6.05 shall be served by the City with written notice stating the nature of the violation and providing a reasonable time limit for the satisfactory correction thereof. The offender shall, within the period of time stated in such notice, permanently cease all violations. The City may revoke any permit for sewage disposal as a result of any violation of any provision of this ordinance.
- B. Any person who shall continue any violation beyond the time limit provided for in Section 18.6.01(A), shall be guilty of a misdemeanor, and an conviction thereof shall be fined not less that \$50.00 nor more than \$500.00 for each violation. Each day in which any such violation shall continue shall be deemed a separate offense.

ARTICLE 7. - BACKFLOW AND CROSS-CONNECTIONS

18.7.01. - Backflow Prevention.

All plumbing installed within the City of Country Club Hills shall be installed in accordance with the Illinois Plumbing Code, 77 111. Adm. Code 890. If in accordance with the Illinois Plumbing Code or in the judgement of the superintendent of Water, an approved backflow prevention device is necessary for the safety of the public water supply system, the Superintendent of Water will give notice to the water customer to install such an approved device immediately. The water customer shall, at their own expense, install such an approved device at a location and in a manner in accordance with the Illinois Plumbing Code, Illinois Environmental Protection Agency and all applicable local regulations, and shall have inspections and tests made of such approved devices upon installation and as required by the Illinois Plumbing Code, Illinois Environmental Protection Agency and local regulations.

18.7.02. - Cross Connection Control.

No person, firm or corporation shall establish or permit to be established or maintain or permit to be maintained any connection whereby a private, auxiliary or emergency water supply other than the regular public water supply of the City of Country Club Hills may enter the supply or distribution system of said municipality, unless such private, auxiliary or emergency water supply and the method of connection and use of such supply shall have been approved by the Superintendent of Water and the Illinois Environmental Protection Agency.

18.7.03. - Surveys and Investigations.

It shall be the duty of the Superintendent of Water to cause surveys and investigations to be made of industrial and other properties served by the public water supply to determine whether actual or potential hazards to the public water supply may exist. Such surveys and investigations shall be made a matter of public record and shall be repeated at least every two years, or as often as the Superintendent of Water shall deem necessary. Records of such surveys shall be maintained and available for review for a period of at least five years.

18.7.04. - Inspection of Cross-Connection Controls.

The approved cross-connection control device inspector shall have the right to enter at any reasonable time any property served by a connection to the public water supply or distribution system of the City of Country Club Hills for the purpose of verifying the presence or absence of cross-connections, and that the Water Superintendent or his authorized agent shall have the right to enter at any reasonable time and property served by a connection to the public water supply purpose of verifying information submitted by the customer regarding the required cross connection control inspection. On demand the owner, lessees or occupants of any property so served shall furnish to the Superintendent of Water any information which he may request regarding the piping system or systems or water use on such property. The refusal of such information, when demanded, shall, within the discretion of the Superintendent of Water, be deemed evidence of the presence of improper connections as provided in this ordinance.

18.7.05. - Remedy for Illegal Cross-Connections.

The Superintendent of Water of the City of Country Club Hills is, hereby, authorized and directed to discontinue, after reasonable notice to the occupant thereof, the water service to any property wherein any connection in violation of the provisions of this ordinance is known to exist, and to take such other precautionary measures as he may deem necessary to eliminate any danger of contamination of the public water supply distribution mains. Water service to such property shall not be restored until such conditions have been eliminated or corrected in compliance with the provisions of this ordinance, and until a reconnection fee is paid to the City of Country Club Hills. Immediate disconnection with verbal notice can be effected when the Superintendent of Water is assured that imminent danger of harmful contamination of the public water supply system exists. Such action shall be followed by written notification of the cause of disconnection.

Immediate disconnection without notice to any party, can be effected to prevent actual or anticipated contamination or pollution of the public water supply, provided that, in the reasonable opinion of the Superintendent of Water or the Illinois Environmental Protection Agency, such action is required to prevent

actual or potential contamination or pollution of the public water supply. Neither the Public Water Supply, the Superintendent of Water, or its agents or assigns shall be liable to any customer for any injury, damages or lost revenues which may result from termination of said customer's water supply in accordance with the terms of this ordinance, whether or not said termination was with or without notice.

18.7.06. - Responsibility for Clean-Up of Contaminated Water.

The consumer responsible for back-siphoned or back pressured material or contamination through backflow, if contamination of the potable water supply system occurs through an illegal cross-connection or an improperly installed, maintained or repaired device, or a device which has been bypassed, must bear the cost of clean-up of the potable water supply system.