

**CERTIFICATE FOR ORDER ADOPTING CONSOLIDATED RATE ORDER AND RULES AND REGULATIONS; ADOPTING A DROUGHT CONTINGENCY PLAN; ESTABLISHING A WASTEWATER CONTROL ORDER; ESTABLISHING CERTAIN OTHER POLICIES; AND PROVIDING PENALTIES FOR VIOLATION THEREOF**

THE STATE OF TEXAS §

COUNTY OF HARRIS §

HARRIS COUNTY WATER CONTROL & IMPROVEMENT DISTRICT NO. 110 §

We, the undersigned officers of the Board of Directors (the "Board") of Harris County Water Control & Improvement District No. 110 (the "District"), hereby certify as follows:

1. The Board convened in special session, open to the public, on May 29, 2008, at the regular meeting place thereof, and the roll was called of the members of the Board, to-wit:

James N. Williams	-	President
Jeannie Satterwhite	-	First Vice President
Jerry A. Strickland	-	Second Vice President
Texas A. Stevens	-	Secretary
Tom Dowdy	-	Treasurer/Investment Officer

All members of the Board were present, except \_\_\_\_\_, thus constituting a quorum. Whereupon, among other business, the following was transacted at such meeting:

ORDER ADOPTING CONSOLIDATED RATE ORDER AND RULES AND REGULATIONS; ADOPTING A DROUGHT CONTINGENCY PLAN; ESTABLISHING A WASTEWATER CONTROL ORDER; ESTABLISHING CERTAIN OTHER POLICIES; AND PROVIDING PENALTIES FOR VIOLATION THEREOF

was duly introduced for the consideration of the Board. It was then duly moved and seconded that such Order be adopted; and, after due discussion, such motion, carrying with it the adoption of said Order, prevailed and carried by the following vote:

AYES: All Present

NOES: None

2. A true, full, and correct copy of the aforesaid Order adopted at the meeting described in the above and foregoing paragraph is attached to and follows this Certificate; such Order has been duly recorded in said Board's minutes of such meeting; the above and foregoing paragraph is a true, full, and correct excerpt from the Board's minutes of such meeting pertaining to the adoption of such Order; the persons named in the above and foregoing paragraph are the duly chosen, qualified, and acting officers and members of the Board as indicated therein; each of the officers and members of the Board was duly and sufficiently notified officially and personally, in advance of the time, place, and purpose of such meeting and that such Order would be introduced and considered for adoption at such meeting and each of such officers and members consented, in advance, to the holding of such meeting for such purpose; such meeting was open to the public, as required by law, and public notice of the time, place and purpose of such meeting was given as required by V.T.C.A. Government Code, Chapter 551, as amended.

SIGNED AND SEALED this May 29, 2008.

\_\_\_\_\_  
President, Board of Directors

Secretary, Board of Directors

(SEAL)

ORDER ADOPTING CONSOLIDATED RATE ORDER AND RULES AND REGULATIONS;  
ADOPTING A DROUGHT CONTINGENCY PLAN; ESTABLISHING A WASTEWATER  
CONTROL ORDER; ESTABLISHING CERTAIN OTHER POLICIES; AND PROVIDING  
PENALTIES FOR VIOLATION THEREOF

THE STATE OF TEXAS §  
COUNTY OF HARRIS §  
HARRIS COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NO. 110 §

WHEREAS, the Board of Directors (the "Board") of Harris County Water Control and Improvement District No. 110 (the "District") has from time to time adopted certain orders ("Rate Order") and Rules and Regulations establishing the rates and conditions under which water and sanitary sewer service would be provided; and

WHEREAS, the Board of the District has determined that it is in the best interest of the District to amend and restate its Rate Order to provide for including the customer deposit on the initial water bill and to revise the Drought Contingency Plan;

IT IS, THEREFORE, ORDERED BY THE BOARD OF DIRECTORS OF HARRIS COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NO. 110 THAT:

**ARTICLE I**  
**DEFINITIONS**

For the purpose of this Order, the following terms shall have the meaning set out hereafter:

- A. "Commercial" - shall mean any structure used for business purposes including office buildings, hotels, retail stores, warehouses, service stations, churches, schools, recreational centers and all other establishments not generally considered as residential structures or defined herein as a residential structure.
- B. "Customer" - shall mean any person, partnership, corporation, non-profit corporation, trust or other legal entity served by the District's System with water and/or sewer services to a residence or business establishment owned or occupied by such person, partnership, corporation, non-profit corporation, trust or legal entity.
- C. "Domestic Waste" - shall mean liquid-carried sanitary sewage discharge which is normally discharged from residential food preparation and bathroom facilities.
- D. "Esplanade Connection" - shall mean a water system connection serving public right-of-way or other public common areas.
- E. "Multi-family Residential Connection" - shall mean all multiplex, residential connections which are served by a master meter, including apartments, motels, hotels and condominiums.
- F. "Multi-family Units" - shall mean the individual dwelling units served through the Multi-family Residential Connection's master meter and all individual dwelling units served by a master meter.

G. "Non-taxable" - shall mean any entity not subject to property taxation pursuant to the provisions of the Texas Property Tax Code.

H. "Operator" - shall mean the person, company or corporation which is employed by or under contract with the District to operate the District's water and sewer system, collect amounts owed to the District for such services, report monthly to the District on the operations of the District's System and perform any additional services set out in its contract with the District.

I. "Rules and Regulations" - shall mean the Amended and Restated Rules and Regulations Governing Water and Sanitary Sewer Facilities, Service Lines, and Connections attached to this Order as Appendix "A" and incorporated herein for all purposes.

J. "Separate Connection" - shall mean each residential unit for occupancy by a separate family, including each separate unit located within a single multi-unit building, and each commercial unit used by a separate business, including separate establishments within a single building.

K. "Single-family Residential" - shall mean any single- family structure within the District designed for occupation as a residence whether by the owner or by a renter or lessee, including any single-family residence, townhouse, multiplex, apartment building, or other structure generally considered to be and used solely for residential purposes and which is separately metered.

L. "System" - shall mean the water and/or sanitary sewer facilities of the District and all extensions and additions thereto, whether now in place or hereafter constructed.

## **ARTICLE II**

### **TAP FEES AND CONNECTION POLICY**

#### **Section 2.01. Initiation of Water and Sanitary Sewer Connections.**

Each person desiring a water and sanitary sewer service connection to the District's System shall be required to pay such fees as set forth in this Order. No service shall be established or re-established until such fees are paid. All service connections are subject to the provisions of the District's Rules and Regulations and all other rules, regulations, and policies of the District.

#### **Section 2.02. Policies Governing Initial Connections.**

##### **A. Certification of System.**

Connections shall not be made to the District's System or portions of the System until the District's engineer has certified that the System or applicable portion thereof is operable.

##### **B. Availability of Access/Obstructions.**

By application for connection to the District's System, the Customer shall be deemed to be granting to the District and its representatives a right of ingress and egress to and from the meter or point of service for such installation, maintenance and repair as the District, in its judgment, may deem reasonably necessary. The Customer shall also be deemed to be granting to the District and its representatives a right of ingress and egress to the Customer's property, including the interior and exterior of the Customer's premises, for the purpose of performing the inspections and completing the Customer Service Inspection Certifications required by the District's Rules and Regulations. Taps and connections will not be made when, in the opinion of the District's engineer or Operator, the work area is obstructed by building materials or other debris or the work area is not completed or finished to grade. When sidewalks, driveways or other improvements have been constructed prior to application for service, such application shall be construed and accepted as the Customer's

waiver of a claim for any damages to such improvements resulting from the reasonable actions of the District's Operator in installation of the connection.

**Section 2.03. Connections by District Operator.**

All connections to the District's sewer system shall be made in accordance with the District's Rules and Regulations. No person except the District's Operator or his authorized agent shall be permitted to tap or make any connection to the mains or distribution piping of the District's water system, except for emergency fire-fighting purposes, or make any repairs or additions to or alterations in any meter, box, tap, pipe, cock or other fixture connected with the water service or any manhole, main, trunk or appurtenance of the District's sanitary sewer system, unless otherwise specified by the Board of Directors of the District.

**Section 2.04. Inspections and Fees.**

**A. Sewer Inspection and Fees.**

Sewer connections and service lines shall be inspected by the District's Operator for compliance with the Rules and Regulations. An inspection fee of **\$50.00** shall be charged for all residential connections. The charge for non-residential connections including Multi-Family Residential Connections and Commercial connections shall be the actual cost to the District plus ten percent (10%) but, not less than **\$50.00**. Installations which fail to conform at any time to the Rules and Regulations shall be disconnected. Any Customer whose connection is disconnected for such failure shall be notified as to the basis for such disconnection. After noted deficiencies have been corrected, a reinspection shall be made upon payment to the District of a reinspection fee of **\$100.00**. If subsequent re-inspections are required before the sewer connection and service lines are in compliance with the Rules and Regulations, a reinspection fee of **\$100.00** shall be charged for each such reinspection.

**B. Customer Service Inspection Fees.**

If the District's Operator performs the inspection for a residential connection and completes the Customer Service Inspection Certification required by Article III of the Rules and Regulations, the District shall charge the Customer a fee of **\$80.00** to cover the costs of such inspection and certification. The charge for commercial connections shall be the actual cost to the District plus ten per cent (10%), but not less than **\$80.00**.

**C. Inspections and Fees Applicable to Builders and Others Making Improvements and Starting Construction.**

Any person or entity proposing to make improvements or start construction on property within the District must notify the District's Operator prior to commencing any improvement or construction if such improvement, construction, or equipment used in the construction will be within easements, rights-of-way or property where District facilities are located. The District's Operator shall conduct an inspection prior to the commencement of construction to verify the condition of the District's facilities. A fee of **\$50.00** shall be charged for such pre-construction inspection. The District's Operator shall conduct another inspection after completion of construction to again verify the condition of the District's facilities. A fee of **\$50.00** shall be charged for such post -construction inspection. The pre-construction inspection charge and the post-construction inspection charge shall be collected at the time the tap fee is paid.

If the Operator finds that the facilities have been damaged as a result of the construction, the builder or other responsible party must reimburse the District for the costs of the repair before the District will initiate permanent service to the affected property.

**D. Inspection of Yard and Other Drains.**

Yard and roof drains shall be inspected for strict compliance with the District's Rules and Regulations. No yard drains or roof drains shall be connected to the District's sanitary sewer system. An inspection fee of **\$75.00** shall be charged for each residential and commercial inspection. Installations which fail to conform to said Rules and Regulations will be disconnected. Any customer whose connection is disconnected for such failure shall be notified in writing as to the basis for such disconnection. After noted deficiencies have been corrected, a reinspection shall be made upon payment to the District of a reinspection fee of \$75.00. If subsequent re-inspections are required before the connection is found in compliance with the District's Rules and Regulations, a reinspection fee of \$75.00 shall be charged for each such reinspection.

**E. Grease Trap Inspections.**

Commercial users shall install a sampling well constructed to City of Houston standards and a grease trap with sampling port constructed to City of Houston standards when required by the District's Engineer and Operator. Each customer requiring a grease trap shall: (1) install such grease trap in accordance with City of Houston standards and approved by the District's Operator and Engineer, at the sole expense of the customer; (2) provide the District, prior to receiving service, with a copy of an effective and continuing contract between the customer and a licensed hauler, said contract to be for regular routine pumping and disposal; and (3) provide the District's Operator with a copy of a hauler's manifest to evidence regular pumping and disposal within ten (10) days after receipt by the customer. In addition, no less often than once per month, the District's Operator shall inspect the grease trap, the cost of which inspection shall be **\$40.00** and shall be billed to the customer. In the event the customer fails to have the grease trap cleaned on a timely basis, following ten (10) days written notice, the District shall be authorized to clean the customer's grease trap and such cost shall be billed to customer with the next monthly water bill. Failure to pay any charges described in this Section 2.04(E) shall result in the termination of water service in accordance with Article IV of this Rate Order.

**Section 2.05. Builder's Deposit.**

Each builder of a residence, commercial building or other structure shall, at the time an initial request for a water tap is made, pay a deposit of **\$2,500** and shall at all times thereafter while building in the District maintain a deposit of **\$2,500**. The deposit shall be refunded within ninety (90) days after the builder certifies the sale of its last residence, commercial building or other structure within the District, less any amounts forfeited as provided herein. The District shall deduct from the deposit the cost to repair any damage caused to the District's property by the builder or the builder's employees, contractors, subcontractors or agents and shall deduct any delinquent water and sewer service bills of the builder. In the event any amounts are so deducted from the builder's deposit, it will be incumbent on the builder to reinstate the original amount of the deposit, and failure to do so will result in the suspension of any additional water taps for the builder.

**Section 2.06. Temporary Water Service.**

**A. Temporary Connections.**

The District's Operator shall be authorized to make a temporary connection to any fire hydrant or flushing valve upon request for temporary water service. All temporary service shall be metered and billed to the temporary Customer as provided herein. All unauthorized withdrawal of water from



- c. Non-taxable: the actual cost to the District, including the costs of all facilities necessary to provide District services to such non-taxable entity where such facilities are financed or to be financed by tax-supported bonds of the District
- d. Non-profit Irrigation Taps: Cost to the District
- e. Commercial Irrigation Taps: 2 times the actual and reasonable cost to the District

**Section 2.10. Title to Facilities.**

Title to all water meters, water and sewer taps, and all other appurtenances, including meter boxes, shall lie in the District.

**ARTICLE III**  
**SERVICE RATES**

**Section 3.01. Water Service Rates.**

The following monthly rates for the sale of water shall be in effect for each Separate Connection within the District from the effective date hereof until such time as the Board of Directors amends said rates:

<u>TYPE OF CONNECTION</u>	<u>GALLONS USED</u>	<u>RATE</u>
Residential and Builder	0 - 8,000 gallons	\$11.00 (Minimum)
	8,001 - 20,000 gallons	\$0.50 per each 1,000 ea gallons
	20,001 - 30,000 gal	\$1.50 per ea. 1,000 gallons.
	30,001 - -40,000 gal.	\$2.50 per ea. 1,000 gallons
	over 40,000 gallons	\$3.50 per ea. 1,000 gallons
Multi-Family	\$11.00 per Multi-Family Unit (Minimum), based on 95% occupancy, plus \$1.25 per 1,000 gallons over the calculation of 8,000 gallons times 95% of the total number of Multi-Family Units	
Single Use Retail Commercial Structure and Irrigation Connections	0 - 8,000 gallons	\$50.00 (Minimum)
	8,001 - 15,000 gallons	\$1.25 per each 1000 gallons
	15,001 - 75,000 gallons	\$1.50 per each 1,000 gallons
	75,001 - 150,000 gallons	\$3.00 per each 1,000 gallons
	150,001 gallons & above	\$5.00 per each 1,000 gallons
Multi-Use Retail Commercial Structures	0 - 8,000 gallons	\$100.00 (Minimum)
	8,001 - 15,000 gallons	\$1.25 per each 1,000 gallons
	15,001 - 75,000 gallons	\$1.50 per each 1,000 gallons
	75,001-150,000 gallons	\$3.00 per each 1,000 gallons
	150,000 gallons & above	\$5.00 per each 1,000 gallons
Commercial Offices and buildings	0 - 8,000 gallons	\$125.00 (Minimum)
	8,001 - 15,000 gallons	\$1.25 per each 1,000 gallons
	15,001 - 75,000 gallons	\$1.50 per each 1,000 gallons
	75,001-150,000 gallons	\$3.00 per each 1,000 gallons
	150,000 gallons & above	\$5.00 per each 1,000 gallons
Car Washes	0 - 50,000 gallons	\$300.00 (Minimum)
	50,001 - 75,000 gallons	\$1.25 per each 1,000 gallons
	75,001 and above	\$3.00 per each 1,000 gallons
Non-Profit Irrigation	\$5.00 minimum or \$0.25 per 1,000 gallons of water used whichever is greater	

In the case of a Dual Use Structure (i.e. a residential structure used for both residential and commercial purposes) the rate for water service shall be the rate established for a Commercial Connection.

**Section 3.02. Sewer Service Rates.**

The following monthly rates for the collection and disposal of sewage shall be in effect for each Separate Connection within the District from the effective date hereof until such time as the Board of Directors amends said rates:

<u>TYPE OF CONNECTION</u>	<u>GALLONS USED</u>	<u>RATE</u>
Residential	Any quantity	\$20.00 (flat fee)
Multi-Family	\$11.25 per Multi-Family Unit (Minimum) based on total number of units, plus \$1.25 per each 1,000 gallons of water usage over the calculation of 8,000 gallons times 95% of the total number of Multi-Family Units	
Single Use	0 - 8,000 gallons	\$50.00 (Minimum)
Retail Commercial Structure and Irrigation Connections	8,001 - 15,000 gallons	\$1.25 per each 1000 gallons
	15,001 - 75,000 gallons	\$1.50 per each 1,000 gallons
	75,001 - 150,000 gallons	\$3.00 per each 1,000 gallons
	150,001 gallons & above	\$5.00 per each 1,000 gallons
Multi-Use	0 - 8,000 gallons	\$100.00 (Minimum)
Retail Commercial Structures	8,001 - 15,000 gallons	\$1.25 per each 1,000 gallons
	15,001 - 75,000 gallons	\$1.50 per each 1,000 gallons
	75,001-150,000 gallons	\$3.00 per each 1,000 gallons
	150,000 gallons & above	\$5.00 per each 1,000 gallons
Commercial Offices and buildings	0 - 8,000 gallons	\$125.00 (Minimum)
	8,001 - 15,000 gallons	\$1.25 per each 1,000 gallons
	15,001 - 75,000 gallons	\$1.50 per each 1,000 gallons
	75,001-150,000 gallons	\$3.00 per each 1,000 gallons
	150,000 gallons & above	\$5.00 per each 1,000 gallons
Car Washes	0 - 50,000 gallons	\$300.00 (Minimum)
	50,001 - 75,000 gallons	\$1.25 per each 1,000 gallons
	75,001 and above	\$3.00 per each 1,000 gallons
Non-Profit (provided the non-profit entity has a sewer tap)	Any quantity	\$0.50 per each 1,000 gallons of water used

In the case of a Dual Use Structure (i.e. a residential structure used for both residential and commercial purposes) the rate for sewer service shall be that rate established for a Commercial Connection.

**Section 3.03. Regulatory Assessment.**

Pursuant to Section 5.35 Texas Water Code, as amended, and 30 T.A.C. 291.76, the District shall pay by January 31 of each year a regulatory assessment to the Texas Natural Resource Conservation Commission in the amount required by law based on the total charges for retail water and sewer service collected from its retail customers in the prior twelve months.

At the end of each calendar year, the Operator shall prepare a written statement indicating the (i) the total charges collected for retail water and sewer service for the year; and (ii) the regulatory assessment due and payable to the Texas Natural Resource Conservation Commission, The Operator shall deliver the written statement to the District's Bookkeeper for payment.

**Section 3.04. North Harris County Regional Water Authority Regulatory Assessment.**

Pursuant to the assessment imposed by the North Harris County Regional Water ("NHCRWA"), the District shall pay on each January 31, April 30, July 31, and October 31 the regulatory assessment to the NHCRWA in the amount assessed by the NHCRWA based on the total water pumped in the prior quarter.

At the end of each calendar quarter, the Operator shall prepare a written statement indicating the (i) the total water pumped by the District for calendar quarter; and (ii) the regulatory assessment due and payable to the NHCRWA. The Operator shall deliver the written statement to the District's Bookkeeper for payment by the District.

The Regulatory Assessment shall be added on the Customer's bill as a separate line item. To cover water that is not billed to customers, such as water lost through leaks, construction, flushing and other uses, the District will add ten per cent (10%) to the Regulatory Assessment charged to Customers. The Operator shall collect the Regulatory Assessment in addition to other charges.

**Section 3.05. Detention Pond Maintenance.**

The District may by separate contract agree with a Customer to provide maintenance and improvements for detention facilities serving such Customer. Such an agreement would provide that the cost to maintain and improve the detention facilities will be included as a separate line item on the Customer's water bill. The penalties and termination procedures provided in Section 4.02, below, for late or non-payment shall apply to such costs.

**Section 3.06. No Reduced Rates or Free Service.**

All Customers receiving water and/or sewer service from the District shall be subject to the provisions of this Order and shall be charged the rates established in this Order, and no reduced rate or free service shall be furnished to any Customer; provided, however, this provision shall not prohibit the District from establishing reasonable classifications of customers for which rates differing from the rates stated herein may be adopted.

**ARTICLE IV  
SERVICE POLICY**

**Section 4.01. Application Fees/Security Deposits.**

The following Application fees /security deposits shall be required as follows:

**A. Application Fee.**

Each Customer establishing a new account or transferring an existing account shall be charged a non-refundable application fee of **\$15.00**.

**B. Residential Deposits.**

Each Customer establishing a new account for single-family residential service and each Customer re-establishing an account for single-family residential service that has been terminated for non-

payment shall be required to pay, prior to the District providing service or restoring service, a security deposit of **\$75.00**, provided, however, upon request from the Customer, the District will include the deposit on the first water/sewer bill sent to Customer. If Customer fails to pay the deposit upon billing by the District, then Customer's water service shall be terminated in accordance with Section 4.02 hereof.

In addition, each Customer restoring water service where such service has been terminated for non-payment or for any other reason other than the request of such Customer shall be required to pay an additional **\$75.00** deposit before service is restored. A separate **\$75.00** deposit shall be required for each such occurrence, up to a maximum of **\$300.00**.

**C. Commercial/Multi-Family Deposits.**

Each customer establishing a Commercial or a Multi-Family account and each customer re-establishing a Commercial or a Multi-Family account that has been terminated for non-payment, shall be required to make a security deposit equal to one and one half (1-1/2) times the average monthly bill for that connection as estimated by the District's Operator, provided, however, that in no event shall the deposit for a Commercial or Multi-Family account be less than **\$150.00**. In the case of a "strip center", each individually occupied unit must be metered or at the request of the owner of the property one master meter may be approved at the discretion of the Board. The District's operator will verify metering prior to establishing service. All deposits will be posted by the customer prior to service being established. All unoccupied metered units will be billed to the owner and the owner is responsible for such accounts. A "strip center" is defined to include all commercial property, other than for residential use, which is subdivided and leased to individual firms or persons which require utility services.

**D. Full Payment Required.**

Service shall be initiated upon payment of the security deposit and all other fees and charges.

**E. Refund of Deposit.**

Following payment of the final bill and payment of all fees and charges, the balance of the security deposit, if any, shall be refunded by check mailed to the Customer. No interest shall be payable to the Customer on any security deposit.

**Section 4.02. Billing Procedures.**

All accounts shall be billed in accordance with the following procedures:

**A. Due Date and Delinquency.**

Charges for service shall be billed monthly. All bills shall be payable on the due date (the "Due Date") printed on the statement. Unless payment of the monthly bill is received on or before the Due Date, or unless payment of any back charges is received on or before the 30th day after the date of mailing or presenting the invoice, such account shall be considered delinquent and a late charge equal to ten percent (10%) of the current billed amounts shall be charged. Any partial payments received by the District shall be applied in the following order of priority: (1) past due amounts; (2) late fees; and (3) current amounts due. The District may, in its discretion, disconnect service for failure to pay all charges and back charges, including any late charge, by the 50th day after the Due Date; provided; however, that prior to disconnecting services, the District shall send written notice by United States first class mail to the Customer or entity at the appropriate address and provide the Customer or entity with an opportunity to contest, explain or correct the charges, services or disconnection at a meeting of the Board of Directors of the District. The written notice shall inform the Customer or entity of the amount of the delinquent payment, the date service will be

disconnected or additional service withheld if payment is not made, the date, time and place of the next scheduled meeting of the Board of Directors, and of the opportunity to contest, explain or correct the charges, services or disconnection, by presenting in person or in writing such matter to the Board of Directors at the next scheduled meeting as shown on the notice. The date specified for disconnection shall be a minimum of five (5) days after the date of the next scheduled meeting of the Board of Directors as shown in the notice. The notice shall be deposited, postpaid, in a post office or official depository under the care and custody of the United States Postal Service at least ten (10) days prior to the date of the scheduled meeting of the Board of Directors. A written statement by the District's operator that the notice was so mailed shall be prima facie evidence of delivery of same. If the Customer or entity appears before the Board of Directors in person or in writing, the Board of Directors shall hear and consider the matter prior to terminating such user. If the Board determines that service to a Customer should be terminated, the Customer shall be informed of disconnection of service by door hanger at the address of the connection within five (5) days the Board meeting at which termination was authorized.

A fee of **\$5.00** shall be added to an account if a notice of disconnect is mailed to the customer. A fee of **\$80.00** shall be added to an account if the service is disconnected for any reason.

#### **B. Notice and Appeal.**

Prior to termination of service, a Customer who is delinquent in payment shall be sent a notice that service will be discontinued unless payment in full is received. Notice shall be sent by first class United States mail and will provide the Customer with an opportunity to appear in person or by written correspondence at a scheduled meeting of the Board of the District to contest, explain, or correct the charges, services, or disconnection. The notice shall inform the Customer of the amount of the delinquent bill, the date service will be disconnected if payment is not made, and of the right to contest, explain, or correct the charges, services, or disconnection. Service shall not be disconnected where a Customer has informed the District or the District's Operator of his or her desire to contest or explain his bill. If the Customer appears before the Board, in person or by written correspondence, the Board shall hear and consider the matter and inform the Customer of the Board's determination by sending written notice to the Customer by first class United States mail stating whether service will be continued or disconnected. If service is discontinued, it shall be reinstated only upon payment in full of all amounts due, including any late charges, the security deposit set out in Section 4.01, and a reinstatement charge of **\$40.00**.

#### **C. Returned Checks.**

A **\$25.00** charge will be charged to the Customer's account for any check returned by the bank. Any amounts due on an account which have been paid with a check that has been returned by the bank must be paid in full by cash, cashier's check or money order, including all late charges and returned check charges, within five (5) days from the day the Operator hangs a notice on the Customer's door or otherwise notifies the Customer that the check has been returned by the bank.

#### **Section 4.03. Policy for Issuing Credits on Water and Sewer Bills**

From time to time a customer will have a water leak which goes undetected for a period of time which results in an unusually high water bill. Accordingly, each residential customer is allowed a one-time adjustment in his/her water bill if the unusually high water usage is the result of a problem on the customer's side of the meter. In making the adjustment, the Operator will average the previous two month bills and charge the customer according to this Rate Order.

#### **Section 4.04. Entitlement.**

Customers are not guaranteed a specific quantity or pressure of water or specific capacity in sewer facilities for any purpose whatsoever; furthermore, in no instance shall the District be liable for failure or refusal to furnish water or any particular amount or pressure of water or to provide capacity in sewer facilities.

**Section 4.05. Unauthorized and Extraordinary Waste.**

The rates established herein are applicable for Domestic Waste as defined herein. Customers proposing to generate other types of waste will be assessed additional charges as established by the District.

**Section 4.06. Request by Customer for Temporary Disconnection.**

Whenever a customer of the District requires that water and sewer service be temporarily discontinued, he shall notify the District's operator at least **five (5) business** days prior to the time he desires such service discontinued. A charge of **\$40.00** shall be made for discontinuing and a charge of **\$40.00** shall be made for restoring water service when such service is discontinued and restored at the request of the customer and he is not delinquent in the payment of any bill at the time of either request.

**Section 4.07. Damage to District Facilities.**

**A. Damage to Meter and Appurtenances.**

No person other than a duly authorized agent of the District shall open a meter box, tamper with or in any way interfere with a meter, meter box, service line or other water and/or sewer system appurtenance. The District reserves the right, immediately and without notice, to remove the meter or disconnect water service to any Customer whose meter has been tampered with and to assess repair charges to the Customer, plus a damage fee of **\$50.00**.

**B. Right to Repair.**

The District reserves the right to repair any damage to the District's System and appurtenances without prior notice and to assess against any Customer such penalties as are provided by law and such penalties provided for in this Rate Order in addition to those charges necessary to repair the portion of the System so damaged.

**ARTICLE V**  
**ADOPTION OF RULES AND REGULATIONS CONCERNING**  
**WATERWORKS AND SANITARY SEWER SYSTEM**

To preserve the sanitary condition of all water controlled by the District, to prevent waste or the unauthorized use of water controlled by the District, and to secure and maintain safe, sanitary and adequate plumbing installation, connections and appurtenances, the Board of the District hereby adopts the Amended and Restated Rules and Regulations Governing Water and Sanitary Sewer Facilities, Service Lines, and Connections attached hereto as Appendix "A" and incorporated herein for all purposes.

**ARTICLE VI**  
**ENFORCEMENT/CIVIL PENALTIES**

**Section 6.01. Enforcement.**

**A. Civil Penalties.**

The Board hereby imposes the following civil penalties for breach of any rule of the District: The violator shall pay the District twice the costs the District has sustained due to the violation up to

**\$5,000.** A penalty under this Section is in addition to any other penalty provided by the laws of this State and may be enforced by complaints filed in the appropriate court of jurisdiction in the County in which the District's principal office or meeting place is located. If the District prevails in any suit to enforce its rules, it may, in the same action, recover any reasonable fees for attorneys, expert witnesses, and other costs incurred by the District before the court. The amount of the attorneys' fees shall be fixed by the court.

**B. Liability for Costs.**

Any person violating any of the provisions of this Order and/or the Rules and Regulations Governing Water and Sanitary Sewer Facilities, Service Lines, and Connections shall become liable to the District for any expense, loss or damage occasioned by the District by reason of such violation, and enforcement thereof shall be in accordance with Section 6.01(A) of this Order and Article X of the Rules and Regulations.

**Section 6.02. Non-waiver.**

The failure on the part of the District to enforce any section, clause, sentence, or provision of this Order shall not constitute a waiver of the right of the District later to enforce any section, clause, sentence, or provision of this Order.

**Section 6.03. Appeal.**

Any determination by the District's Operator or the District's engineer or any authorized agent of the District of any dispute regarding the terms and provisions of this Order may be appealed to the Board of the District, which shall conduct a hearing on the matter. The District's Operator and/or attorney shall provide the Customer with information regarding appeals and hearing procedures upon the Customer's request.

**ARTICLE VII**  
**SOLID WASTE FOR RESIDENTIAL CUSTOMERS**

The District may contract with an independent contractor to provide for solid waste and trash collection for residential Customers within the District. If the Board of the District determines that it is in the best interest of the District to contract for solid waste and trash collection, the fee for such service, as established by contract, shall be included on the water and sewer service bill. Failure to pay the solid waste and trash collection service on or before the due date indicated on the water and sewer service bill shall result in the assessment of a 10% penalty on the unpaid balance of the bill for solid waste and trash collection as well as termination of service under the provisions of Article IV this Order.

**ARTICLE VIII**  
**RULES AND REGULATION CONCERNING**  
**DOMESTIC AND COMMERCIAL WASTES**

The Board of the District hereby adopts the Rules and Regulations Concerning Domestic and Commercial Wastes, attached hereto as Appendix "C" and incorporated herein for all purposes.

**ARTICLE IX**  
**DROUGHT CONTINGENCY PLAN**

The Board of the District hereby adopts the Water Conservation and/or Emergency and/or Drought Contingency Plan, attached hereto as Appendix "B" and incorporated herein for all purposes.

**ARTICLE XI**  
**MISCELLANEOUS**

**Section 11.01. Amendments.**

The Board of the District has and specifically reserves the right to change, alter or amend any rate or provision of this Order at any time.

**Section 11.02. Severability.**

The provisions of this Order are severable, and if any provision or part of this Order or the application thereof to any person or circumstance shall ever be held by any court of competent jurisdiction to be invalid or unconstitutional for any reason, the remainder of this Order and application of such provision or part of this Order shall not be affected thereby.

**Section 11.03. Headings.**

The section and paragraph headings used herein are for reference only and are not to be construed as part of the text of the section or paragraph.

**ARTICLE XI**  
**REPEAL OF PREVIOUS ORDERS**

All previous orders adopted by the Board of Directors pertaining to the subject matter hereof are each hereby repealed in their entirety as of the effective date hereof.

**ARTICLE XII**  
**EFFECTIVE DATE**

This Order shall be effective as of May 29, 2008 and the new rates will be enforced with the next billing cycle.

The President or Vice President is authorized to execute and the Secretary or any Assistant Secretary is authorized to attest this Order on behalf of the Board and to do all things necessary and proper to carry out the purpose and intent hereof.

PASSED, ADOPTED, ORDERED and APPROVED this May 29, 2008.

/s/ James N. Williams  
\_\_\_\_\_  
President, Board of Directors

ATTEST:

/s/ Texas H. Stevens  
\_\_\_\_\_  
Secretary, Board of Directors



LIST OF APPENDICES AND EXHIBITS

- APPENDIX "A" - Amended and Restated Rules and Regulations Governing Water and Sanitary Sewer Facilities, Service Lines, and Connections
- Exhibit 1 - Plumber's Certificate
  - Exhibit 2 - Service Inspection Certification
  - Exhibit 3 - Backlog Prevention Assembly Test and Maintenance Report
  - Exhibit 4 - Application for Service
  - Exhibit 5 - Customer Service Agreement
  - Exhibit 6 - Sanitary Sewer Inspection Form
- APPENDIX "B" - Drought Contingency Plan
- APPENDIX "C" - Rules and Regulations Concerning Domestic and Commercial Wastes
- APPENDIX "D" - Customer Service Agreement

APPENDIX A

AMENDED AND RESTATED RULES AND REGULATIONS  
GOVERNING WATER AND SANITARY SEWER FACILITIES,  
SERVICE LINES, AND CONNECTIONS

THE STATE OF TEXAS §  
COUNTY OF HARRIS §  
HARRIS COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NO. 110 §

ARTICLE I.  
PURPOSE

The following Amended and Restated Rules and Regulations Governing Water and Sanitary Sewer Facilities, Service Lines, and Connections (the "Rules and Regulations") shall govern the design, installation and inspection of all connections and taps made to the District's water distribution system and sanitary sewer collection system, the limitations of the flow of waste into the sanitary sewer system, protection of all facilities which are part of the District's waterworks and sanitary sewer system, and the enforcement of these Rules and Regulations.

ARTICLE II.  
GENERAL

Section 2.01. Definitions.

1. Customer is any person, partnership, corporation, non-profit corporation, trust or other legal entity served by the District with water and/or sewer services to a residence or business establishment.

2. District is Harris County Water Control and Improvement District No. 110 of Harris County, Texas, a political subdivision of the State of Texas.

3. Engineer is the person, company or corporation which is under contract with the District to design the District's Water Supply System and Sanitary Sewer Collection System and performs any additional services as set forth in the contract with the District.

4. High Health Hazard is a cross-connection, potential cross-connection, or any other situation involving any substance that can cause death, illness, spread of disease, or that has a high possibility of causing such effects if introduced into the District's Water Supply System.

5. Operator is the person, company or corporation which is under contract with the District to operate the District's Water Supply System and Sanitary Sewer Collection System, collect amounts owed to the District for such services, report monthly to the District on the operations of the District's Water Supply System and Sanitary Sewer Collection System and perform any additional services as set forth in the contract with the District.

6. Rate Order shall mean the District's Order Adopting Consolidated Rate Order and Rules and Regulations; Establishing Policy Regulating Water Use During Emergencies; Establishing a Wastewater Control Order; and Providing Penalties for Violation Thereof which may be amended from time to time.

7. Sanitary Sewer Collection System constitutes the underground sanitary sewer lines owned or leased and operated by the District. This system is composed of all interconnecting laterals, mains, and trunk lines with manholes, clean-outs, stacks, tees, and wyes located within the publicly dedicated utility easements owned or leased and operated by the District. This system is maintained by the District.

8. Sanitary Sewer Service Line is any line from a residential dwelling or commercial building which connects with the District's Sanitary Sewer Collection System, including any grease traps or other facilities constructed to prevent non-domestic waste from being introduced into the District's Sanitary Sewer Collection System. This service line is owned and maintained by the property owner of the residential dwelling or commercial building.

9. Sewer Tap is the physical connection between the Sanitary Sewer Service Line and the District's Sanitary Sewer Collection System.

10. Sewer Tap Inspection is the inspection performed by the District's Operator to assure that the proper materials and connections to the Sanitary Sewer Collection System have been accomplished in accordance with these Rules and Regulations.

11. State Approved Plumbing Code is a set of rules governing plumbing practices which are at least as stringent and comprehensive as one of the following nationally recognized codes:

- a. Southern Standard Plumbing Code.
- b. Uniform Plumbing Code.
- c. National Standard Plumbing Code.

12. Tap Fee is the fee paid to the District to obtain a water meter and sewer inspection for any structure. The amount of the Tap Fee shall be established in the District's Rate Order and may be modified or changed at any time.

13. Utility Easement is an interest in land, granted by dedication, to public utility entities, including the District, to install and maintain utilities across, over, or under private land together with the right to enter thereon with machinery, other vehicles and personnel necessary for the maintenance, repair or construction of said utilities.

14. Water Supply System is composed of all water lines, valves, valve boxes, flushing valves, blowoff valves, water meters, water meter service lines, and meter boxes located within public rights-of-way or easements owned or leased and operated by the District. This system is maintained by the District.

15. Water Meter is the recording device that registers the amounts of water consumed by each Customer of the District. This meter is owned and maintained by the District.

16. Water Service Line is any line from a residential dwelling or commercial building, which connects to the District's Water Supply System. This service line is owned and maintained by the property owner of the residential dwelling or commercial structure.

17. Water Tap is the physical connection of any Water Service Line to the District's Water Supply System. Such connection will be made only by the District's Operator.

#### Section 2.02. Platting Requirement.

No connection shall be made to the District's Water Supply System or Sanitary Sewer Collection System unless the tract, parcel, or lot of land to be served by such connection:

1. was first connected to the District's Water Supply System or Sanitary Sewer Collection System prior to September 1, 1987, or
2. is part of an area covered by a development plat duly approved and recorded pursuant to Sections 212.0115 and 212.012 of the Local Government Code, as amended, or
3. is not required to be platted and written certification to that effect, in accordance with Section 212.0115(e) of the Local Government Code, has been presented to the District's **Engineer**.

Section 2.03. Approval of Plans and Specifications.

Prior to any non-residential connection to the District's Water Supply System or the Sanitary Sewer Collection System, the plans and specifications for the Sanitary Sewer Service Line and the Water Service Line must be submitted to the District's Engineer for review and approval. Upon the Engineer's review and approval, the plans and specifications shall then be submitted to the District's Operator for review and approval. The cost of the review and approval of the plans and specification by the District's Engineer and Operator shall be paid by the Customer.

ARTICLE III.  
WATER CONNECTIONS

Section 3.01. Water Tap Materials. Only the following types of pipe and fitting materials shall be approved for the installation of Water Taps, including residential Water Taps and commercial Water Taps:

1. Any meter approved by the City of Houston;
2. Brass curb stops, corp stops, and related fittings manufactured by Ford, Hays or Muller;
3. Polyethylene water service pipe, 3/4" to 2";
4. Cast iron or PVC water service pipe, larger than 2";
5. Water main pipe of the type originally installed;
6. Plastic meter box up to 2" meter;
7. Concrete meter box, where traffic use is specified; and
8. Concrete meter vault per City of Houston specifications for 3" and larger meter.

Section 3.02. Plumbing Material Prohibitions.

A. Prohibited Materials.

The use of the following materials are prohibited for the installation and repair of the District's Water Supply System and for the installation and repair of any private plumbing facilities:

1. any pipe or pipe fitting which contains more than 8.0% lead; and
2. any solder or flux which contains more than 0.2% lead.

This prohibition may be waived for lead joints that are necessary for repairs to cast iron pipe.

B. Certificate of Compliance.

No new connections to the District's Water Supply System shall be made unless a state licensed plumber first submits in writing to the District a Certificate of Compliance, as set forth in Exhibit "1" attached hereto, specifying that the new connection complies with the plumbing material prohibition contained in Section 3.02(A) hereof. The Certificate of Compliance shall be signed by the licensed plumber and must be submitted to the District's Operator prior to continuous service being supplied. The District shall not accept any Tap Fee that is not accompanied by a Certificate of Compliance.



Section 3.03. Installation.

1. An Application for Service, a copy of which is attached hereto as Exhibit "5," must be filed with the District's Operator. The Customer must pay to the District's Operator all Tap Fees, inspection fees and deposits, as described in the District's Rate Order.
2. All Water Taps to the District's Water Supply System shall be installed only by the District's Operator.
3. The District's Operator shall install Water Taps and set meters at a location on adjoining property lines, whenever possible, with the meter box being located in the easement adjacent to the property line and with two (2) meters per box, where appropriate.
4. The District's Operator shall be responsible for all repairs to the Water Taps.
5. After installation of the Water Tap, connection of the Water Service Line shall be made at the expense of the Customer. (Note: This line shall be tested for leaks since all water recorded through the meter will be charged to the Customer).
6. After connection to the District's Water Supply System, the Water Service Line should be thoroughly flushed as to prevent foreign matter from entering the household system.

Section 3.04. Customer Service Inspection Certifications.

A. A Customer Service Inspection Certification, as described in Exhibit "2" attached hereto, shall be completed prior to providing continuous water service to any new construction, on any existing service where the District has reason to believe that cross-connections or other unacceptable plumbing practices exist, and after any material improvement, correction, or addition to private plumbing facilities. Prior to the District initiating continuous service, a Customer shall provide a Customer Service Inspection Certification to the District. The Customer Service Inspection Certification may only be performed by those individuals described in Subsection B of this Section 3.04. For Customer Service Inspection Certifications performed by the District's Operator, the Customer must pay the District the Customer Service Inspection Fee prior to the Operator performing the inspection and certification. Copies of properly completed Customer Service Inspection Certifications shall be kept on file by the District's Operator and made available, upon request, for Texas Natural Resource Conservation Commission ("TNRCC") review. Inspection certifications shall be retained for a minimum of ten (10) years. Failure to provide a Customer Service Inspection Certification in accordance with this Section 3.04 shall constitute a violation of these Rules and Regulations and such violation shall be subject to the enforcement provisions set forth in Article X hereof.

B. Individuals with the following credentials shall be recognized as capable of conducting a Customer Service Inspection Certification:

1. Plumbing Inspectors and Water Supply Protection Specialists licensed by the Texas State Board of Plumbing Examiners; and
2. Certified Waterworks Operators and members of other water related professional groups who have completed a training course, passed an examination administered by the TNRCC or its designated agent, and hold an endorsement granted by the TNRCC or its designated agent.

C. Private plumbing facilities in violation of Article III hereof shall constitute an unacceptable plumbing practice and violation of these Rules and Regulations. If an unacceptable plumbing practice is discovered, the Customer shall eliminate the unacceptable plumbing practice within thirty (30) days from the date of discovery to prevent possible contamination of the District's

Water Supply System. The existence of a serious threat to the integrity of the District's Water Supply System shall be considered sufficient grounds for immediate termination of water service. Service can be restored only when the source of potential contamination no longer exists, or when sufficient additional safeguards have been taken, and a Customer Service Inspection Certification confirming correction of unacceptable plumbing practices has been submitted to the District.

D. The Customer Service Inspection Certification shall certify that:

1. No direct connection between the District's Water Supply System and a potential source of contamination exists. Potential sources of contamination are isolated from the District's Water Supply System by an air gap or an appropriate backflow prevention assembly in accordance with state plumbing regulations. Additionally, all pressure relief valves and thermal expansion devices are in compliance with state plumbing regulations.
2. No cross-connection between the District's Water Supply System and a private water source exists. Where an actual air gap is not maintained between the District's Water Supply System and a private water supply, an approved reduced pressure-zone backflow prevention assembly is properly installed and a service agreement exists for annual inspection and testing by a recognized backflow prevention assembly tester.
3. No connection exists which would allow the return of water used for condensing, cooling or industrial processes back to the District's Water Supply System.
4. No pipe or pipe fitting which contains more than 8.0% lead exists in private plumbing facilities installed on or after July 1, 1988.
5. No solder or flux which contains more than 0.2% lead exists in private plumbing facilities installed on or after July 1, 1988.
6. No new or replacement plumbing fixture is installed which is not in compliance with a State Approved Plumbing Code.

Section 3.05. Prohibited Connections.

A. No water connection from the District's Water Supply System shall be made to any establishment where an actual or potential contamination or system hazard exists without an air gap separation between the drinking water supply and the source of potential contamination. Where a containment air gap is impractical, individual "internal" air gaps or mechanical backflow prevention devices shall be required at the meter in the form of a backflow prevention device (in accordance with AWWA Standards C510 and C511 and AWWA Manual M14) on those establishments handling substances deleterious or hazardous to the public health.

B. No water connection from the District's Water Supply System shall be made to any condensing, cooling, or industrial process or any other system of non-potable usage over which the District does not have sanitary control, unless the said connection is made in accordance with the requirements of paragraph (A) of this section. Water from such systems cannot be returned to the District's Water Supply System.

C. Overhead bulk water dispensing stations must be provided with an air gap between the filling outlet hose and the receiving tank to protect against back siphonage and cross-contamination.

Section 3.06. Backflow Prevention Assemblies.

A. Backflow prevention assemblies shall be installed on any connection which poses a High Health Hazard and any other connection which the District or the District's Operator reasonably believes poses a threat to the District's Water Supply System. Water service provided for lawn

sprinklers, swimming pool supply, reflection pool supply or other such applications must incorporate a back flow prevention assembly in accordance with a State Approved Plumbing Code for the particular designated use. No permanent water service will be provided or continued to any new connection in the District which requires a backflow prevention assembly, unless the Customer provides the District with a Backflow Prevention Assembly Test and Maintenance Report (the "Test Report"), as described in Exhibit "3" attached hereto. At the request of the customer, the District's Operator may, on behalf of the District, install the backflow prevention assembly and complete the Test Report at the Customer's cost.

B. Effective January 1, 1996, all backflow prevention assemblies shall be tested upon installation by a Recognized Backflow Prevention Assembly Tester and certified to be operating within specifications. The Test Report, as described in Exhibit "3" attached hereto, shall be retained for a minimum of three (3) years. The District shall provide these records to the TNRCC for inspection upon request. Backflow prevention assemblies which are installed to provide protection against High Health Hazards must also be tested and certified to be operating within specifications at least annually by a Recognized Backflow Prevention Device Tester.

C. Recognized Backflow Prevention Device Testers shall have completed a TNRCC approved course on cross-connection control and backflow prevention and passed an examination administered by the TNRCC or its designated agent. The accredited tester classification shall be broken down into two categories:

1. The "General Tester" is qualified to test and repair backflow prevention assemblies on any domestic, commercial, industrial or irrigation service.
2. The "Fireline Tester" is qualified to test and repair backflow prevention assemblies on firelines only. The State Fire Marshall's office requires that a person performing maintenance on firelines must be employed by an Approved Fireline Contractor.

D. Individuals who can show proof of completion of a course and passage of an exam based on the ABPA or ASSE National Exam, prior to the effective date of these regulations, may be recognized as accredited for the term of their current certification (not to exceed three (3) years).

E. Gauges used in the testing of backflow prevention assemblies shall be tested for accuracy annually in accordance with the University of Southern California's Foundation of Cross-Connection Control and Hydraulic Research and/or the American Water Works Association Manual of Cross Connection Control (Manual M-14). Test gauge serial numbers must be included on the Test Report and Recognized Backflow Prevention Device Testers shall have gauges tested for accuracy.

F. A Test Report must be completed by the Recognized Backflow Prevention Assembly Tester for each assembly tested. The signed and dated original must be submitted to the District's Operator for record keeping purposes.

G. Repairs to backflow prevention assemblies shall be performed by authorized individuals as recognized by the Texas State Board of Plumbing Examiners, the TNRCC, Texas Irrigators Advisory Council, or the Texas Commission on Fire Protection-State Fire Marshall's Office, depending upon application and use.

H. The use of a backflow prevention device at the service connection shall be considered as additional backflow protection and shall not negate the use of backflow protection on internal hazards as outlined and enforced by a State Approved Plumbing Code.

Section 3.07. Customer Service Agreement.

A. The District is responsible for protecting its Water Supply System from contamination or pollution which can result from unacceptable plumbing practices. To this end, the District has adopted plumbing restrictions to provide protection to the District's Water Supply System. To notify Customers of the plumbing restrictions which are in place, each Customer shall be required to sign a Customer Service Agreement, as described in Exhibit "5" attached hereto, before the District will begin service. In addition, when service to an existing connection has been suspended or terminated, the District will not re-establish service unless it has a signed copy of a Customer Service Agreement. The District will maintain a copy of the Customer Service Agreement as long as the Customer and/or the premises is connected to the District.

B. The Customer shall allow his/her property to be inspected for possible cross-connections and other unacceptable plumbing practices. These inspections shall be conducted by the District or its designated agent prior to initiating new water service; when there is reason to believe that cross-connections or other unacceptable plumbing practices exist; or after any major changes to the private plumbing facilities. Inspections shall be conducted during the District's normal business hours.

C. The District shall notify the Customer in writing of any cross-connection or other unacceptable plumbing practices which have been identified during the initial inspection or the periodic reinspection.

D. The Customer shall immediately correct any undesirable plumbing practice on his/her premises.

E. The Customer shall, at his expense, properly install, test, and maintain any backflow prevention device required by the District. Copies of all testing and maintenance records shall be provided to the District.

F. If a Customer fails to comply with the terms of the Customer Service Agreement, the District shall, at its option, either terminate service or properly install, test, and maintain an appropriate backflow prevention assembly at the service connection. Any expenses associated with the enforcement of the Customer Service Agreement shall be billed to the Customer.

#### ARTICLE IV. SANITARY SEWER CONNECTIONS

##### Section 4.01. Sanitary Sewer Service Line Installation.

A. Only one Sanitary Sewer Service Line connection to the District's Sanitary Sewer Collection System is permitted for each residence or commercial building. The Sanitary Sewer Service Line shall remain fully within the boundaries of the lot until the line reaches a utility easement or street right-of-way.

B. No opening in the District's Sanitary Sewer Collection System will be allowed to remain overnight or during rain.

C. All Sanitary Sewer Service Lines must be constructed to true alignment and grade. Warped and/or sagging lines will not be permitted. Sanitary Sewer Service Lines must have continuous contact with firm trench bottom throughout their entire run. Lines placed in such manner as to increase the likelihood of being displaced during backfill will be rejected.

D. All Sanitary Sewer Service Lines should be run from wyes or stacks directly to the houses without meanders or bends.

Section 4.02. Sanitary Sewer Service Line Materials. Only the following types of pipe and fitting materials are approved for constructing Sanitary Sewer Service Lines. Pipe and fittings in each Sanitary

Sewer Service Line must consist of the following material or other material approved by the District's Engineer:

1. Poly-vinyl-chloride PSM (PVC) pipe conforming to ASTM Specification D3034 or ASTM specification F789 (with UL listing) and installed according to ASTM D2321.
2. Ductile Iron Pipe conforming to ANSI A21.51 with rubber gasket joints ANSI A21.11 and installed according to manufacturer's recommendations.
3. Acrylonitrile-butadiene-styrene (ABS) pipe material conforming to ASTM Specification D2751.

Section 4.03. Size and Grade of Sanitary Sewer Service Lines.

A. Minimum Sizes for Sanitary Sewer Service Lines shall be as follows:

1. Residential - - - 4 inches in diameter; and
2. Commercial - - - 6 inches in diameter.

B. The minimum grades for Sanitary Sewer Service Lines shall be as follows:

1. 4 inch pipe - - - 14 inch drop per hundred feet (1.2%);
2. 6 inch pipe - - - 8 inch drop per hundred feet (0.7%); and
3. 8 inch pipe - - - 5 inch drop per hundred feet (0.4%).

C. The maximum grades for Sanitary Sewer Service Lines shall be as follows:

1. 4 inch pipe - - - two and one-half feet drop per hundred feet (2.5%);
2. 6 inch pipe - - - one and one-half feet drop per hundred feet (1.5%); and
3. 8 inch pipe - - - one foot drop per hundred feet (1%).

Section 4.04. Connection of Building Sewer Outlet.

A. On all building waste outlets, the building tie-on connections shall be made directly to the stub-out from the building plumbing at the foundation.

B. Water-tight adapters of a type compatible with the materials being joined shall be used at the point of connection of a Sanitary Sewer Service Line to the building plumbing. No cement grout materials shall be permitted.

C. Unless an exception is permitted by the District's Operator, existing wye and stack connections must be utilized for connection of a Sanitary Sewer Service Line to the District's Sanitary Sewer Collection System.

Section 4.05. Fittings and Cleanouts.

A. No bends or turns at any point will be greater than forty-five degrees (45°).

B. Each horizontal Sanitary Sewer Service Line will be provided with a cleanout at its upper terminal; and each such run of piping which is more than ninety (90) feet in length will be provided with a cleanout for each ninety (90) feet or fraction thereof in the length of such piping.

C. Each cleanout will be installed so that it opens in a direction toward the flow of the waste and, except in the case of wye branch and end-of-the-line cleanouts, cleanouts will be installed vertically above the flow line of the pipe.

D. Cleanouts will be made with air-tight mechanical plug.

Section 4.06. Installation of Sewer Taps and Issuance of Permits.

A. Sanitary Sewer Service Lines must be at least 24 inches below (vertically) and at least 9 feet from (horizontally) any Water Service Line (far side or near side connection). If this is not possible, a cast iron casing over the Water Service Line must be installed by the Customer, which casing will be inspected by the Operator.

B. Excavation for Sewer Taps shall be water tamped in all areas within 5 feet (vertically or horizontally) of any existing sewer lines, sidewalks or driveways. Soil not suitable for water tamping (clay modules, organic material or silty soils) shall be removed and replaced with suitable backfill materials.

C. All stacks shall be installed in locations shown on the plans. Stacks shall be capped and the cap lightly cemented in place. Wyes will not be installed by the line contractor. Wye saddles will be paid for in the line contract, but will be delivered to the District's Operator. The District's Operator will furnish the Customer a saddle at the time of inspection.

D. An Application for Service (a copy of which is attached as Exhibit "6") must be filed with the District's Operator prior to construction of any Sanitary Sewer Service Line, and the Tap Fee and/or Sewer Tap Inspection fee as established in the District's most current Rate Order should accompany the application. (Application forms are available from the District's Operator.) Construction of any Sanitary Sewer Service Line must not begin until the design of the Sanitary Sewer Service Line is approved by the District's Engineer and construction is authorized by the District's Operator.

E. When the Sanitary Sewer Service Line is complete, and prior to backfilling the pipe trench, the Customer shall request an inspection of the Sanitary Sewer Service Line. Requests for inspections (or reinspections) shall be made to the District's Operator at least twenty-four (24) hours in advance of the inspection.

F. The Sewer Tap shall be made only under the supervision of the District's Operator by use of an adapter of a type compatible with materials being joined. The Sewer Tap shall be watertight. No cement grout materials are permitted.

G. Any damage to the District's facility shall be repaired promptly by the Customer under the direction of the District's Operator. Major damage will be repaired by the District's Operator at the Customer's expense.

H. Backfilling of a Sanitary Sewer Service Line trench must be accomplished within twenty-four (24) hours of inspection and approval. Backfill material shall be sand or loam free of large lumps or clods. No debris will be permitted in the trench or backfill.

I. During inspection of the Sanitary Sewer Service Line, the District's Operator will examine all District facilities, such as manholes, valves, flush valves, and inlets on and adjacent to the lot. The connection permit will not be granted until any damage to these facilities has been repaired.

J. The District's Operator will complete the Inspection Form (a copy of which is attached as Exhibit "5") and file it for record with the Application.

K. A connection permit will be issued after the Sewer Tap Inspection is performed and the District's Operator confirms that all requirements of these Rules and Regulations have been met.

L. Connection permits which are rejected for any deficiency shall be promptly corrected and a reinspection requested. A reinspection fee as set forth in the District's Rate Order shall be paid at the time the reinspection is requested.

ARTICLE V.  
FEES AND CHARGES

The District's fees and charges shall be as established by its Rate Order.

ARTICLE VI.  
EXCLUDED FLOW AND WASTE

A. No waste material which is not biologically degradable will be permitted to discharge into the District's Sanitary Sewer Collection System, including mud and debris accumulated during service line installation. The Customer should refer to the District's Rate Order and Wastewater Control Order for specific information concerning acceptable discharges into the District's Sanitary Sewer Collection System. The Customer is to be fully responsible for cleaning and jetting lines of any dirt or debris permitted to enter during service construction.

B. No surface runoff water will be permitted to be discharged into the District's Sanitary Sewer Collection System, including but not limited to, downspouts and yard or area drains.

ARTICLE VII.  
PRIVATE WELLS/TANKS

The construction of water wells and/or the installation of septic tanks is prohibited without prior written approval by the Board of Directors. Said approval, if granted by the Board of Directors, will state the purpose for the construction of a water well and the intended use of the water.

ARTICLE VIII.  
AVAILABILITY OF ACCESS/OBSTRUCTIONS

By application for connection to the District's Sanitary Sewer Collection System and/or Water Supply System, the Customer shall be deemed to be granting to the District and its representatives a right of ingress and egress to and from the meter or point of service for such installation, maintenance and repair as the District, in its judgment, may deem reasonably necessary. The Customer shall also be deemed to be granting to the District and its representatives a right of ingress and egress to the Customer's property, including the interior and exterior of the Customer's premises, for the purpose of performing the inspections and completing the Customer Service Inspection Certifications required by these Rules and Regulations. Taps and connections will not be made when, in the opinion of the District's Engineer or Operator, the work area is obstructed by building materials or other debris or the work area is not completed or finished to grade. When sidewalks, driveways or other improvements have been constructed prior to application for service, such application shall be construed and accepted as the Customer's waiver of a claim for any damages to such improvements resulting from the reasonable actions of the District's Operator in installation of the connection.

ARTICLE IX.  
PROTECTION OF DISTRICT'S WATER SUPPLY SYSTEM AND  
SANITARY SEWER COLLECTION SYSTEM

A. Damage to the District's Water Supply System or the Sanitary Sewer Collection System by the District's Customers, including developers and builders' plumbers, will be repaired by the District at the Customer's expense.

B. After a water meter has been set or a fire hydrant installed, the Customer shall at all times keep the area in, around and upon such facilities and District easements and property under Customer's control free from rubbish or obstructions of any kind, including shrubbery. Failure to keep such facilities and District easements and property under Customer's control free from rubbish

or obstructions of other kind, including shrubbery, shall result in disconnection of water service and/or the assessment of charges necessary to remove said obstructions. Customers are prohibited from introducing material into the District's Sanitary Sewer Collection System which could cause obstruction of said system. In the event that an inspection by the District's Engineer or Operator reveals foreseeable damage to the District's Sanitary Sewer Collection System resulting from a Customer's failure to prevent obstructions from entering said system, the District reserves the right to remove the obstruction immediately and without notice. Any costs incurred by the District for removal of an obstruction to the District's system, plus a District administration fee of 20% of said costs, shall be assessed to the Customer.

C. It shall be unlawful for any person, unless authorized in writing by the District's Operator, to tamper or interfere with, obstruct access to, or as a result of willful action injure, deface, or destroy any facilities that are a part of the District's Water Supply System or Sanitary Sewer Collection System, including, with respect to the waterworks system, water plants, flushing valves, valve boxes, and water lines up to the meter box and including meters; provided, however, that duly authorized members of the local fire department shall have the right to use such flushing valves for fire protection purposes.

D. It shall be unlawful for any person to connect any building to the District's Water Supply System without a meter or to have a straight line connection to a building without being metered. It shall also be unlawful for any person, other than the District's Operator or Engineer, to draw water from the District's Water Supply System (except for the use of water for firefighting purposes) without being metered, including the unauthorized use of a flushing valve or unmetered water taps.

E. It shall be unlawful for any person to deposit, throw, drain, discharge, or otherwise cause to be injected into any sewer, manhole, catch basin, flush tank, or other facility that is a part of the District's Water Supply System or Sanitary Sewer Collection System any debris or foreign substance that would interfere with the proper and routine functioning thereof.

ARTICLE X.  
ENFORCEMENT OF RULES AND REGULATIONS

Any and all of the following remedies may be employed by the District to abate and prevent any violation of the provisions of these Rules and Regulations:

1. Discontinuance of water service.
2. Disconnection and sealing of sanitary sewer connection.
3. The Board hereby imposes the following civil penalties for breach of any rule or regulation of the District: The violator shall pay the District twice the costs the District has sustained due to the violation up to **\$5,000**. A penalty under this Section is in addition to any other penalty provided by the laws of this State and may be enforced by complaints filed in the appropriate court of jurisdiction in the county in which the District's principal office or meeting place is located. If the District prevails in any suit to enforce its rules, it may, in the same action, recover any reasonable fees for attorneys, expert witnesses, and other costs incurred by the District before the court. The amount of the attorneys' fees shall be fixed by the court.
4. A Customer found in violation of these Rules and Regulations shall be liable to the District for all expenses borne by the District including laboratory fees, legal fees, engineering fees and other costs incurred by the District in establishing the violation and resolving the cause of the violation.

5. A Customer found in violation of these Rules and Regulations who causes or contributes to a violation by the District's Sanitary Sewer Collection System of effluent parameters shall be liable to the District for all expenses borne by the District, including legal and engineering fees related to any lawsuit filed by federal, state, or local authorities regarding violations by the District of effluent parameters applicable to the District's Sanitary Sewer Collection System.

ARTICLE XI.  
EFFECTIVE DATE

These Rules and Regulations shall become effective immediately.

EXHIBIT "1"  
TO APPENDIX A

CERTIFICATE OF COMPLIANCE  
WITH  
PROHIBITION ON USE OF SPECIFIED MATERIALS IN CONNECTIONS TO  
MUNICIPAL UTILITY DISTRICT WATER SYSTEM

I, \_\_\_\_\_, a duly licensed plumber in the State of Texas, hereby certify that the connection at \_\_\_\_\_ (the "Connection") complies in full with the "Prohibition of Use of Specified Materials" provision contained in the Amended and Restated Rules and Regulations for \_\_\_\_\_. I further certify that:

1. No direct connection between the District's Water Supply System and a potential source of contamination exists. Potential sources of contamination are isolated from the District Water Supply System by an air gap or an appropriate backflow prevention assembly in accordance with state plumbing regulations. Additionally, all pressure relief valves and thermal expansion devices are in compliance with state plumbing codes.
2. No cross connection between the District's Water Supply System and a private water system exists. Where an actual air gap is not maintained between the District's Water Supply System and a private water supply system, an approved reduced pressure-zone backflow prevention assembly is properly installed and a service agreement exists for annual inspection and testing by a certified backflow prevention device tester.
3. No connection exists which would allow the return of water used for condensing, cooling or industrial processes back to the District's Water Supply System.
4. No pipe or pipe fitting which contains more than 8.0% lead exists in private plumbing facilities installed on or after July 1, 1988.
5. No solder or flux which contains more than 0.2% lead exists in private plumbing facilities installed on or after July 1, 1988.
6. No plumbing fixture is installed which is not in compliance with a State Approved Plumbing Code.

These determinations have been made under my direction and supervision. I am aware that there are significant penalties for false certification, including the possibility of fine.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Company Name

Texas License No.: \_\_\_\_\_

\_\_\_\_\_  
Date

**EXHIBIT "2"  
TO APPENDIX A**

Service Inspection Certification

Name of District: \_\_\_\_\_  
 District I.D. #: \_\_\_\_\_  
 Location of Service: \_\_\_\_\_

I, \_\_\_\_\_ (*name of Inspector*), upon inspection of the private plumbing facilities connected to the Water Supply System of \_\_\_\_\_, do hereby certify that, to the best of my knowledge:

Certificate of  
 Non- Compliance on  
 Compliance Compliance File

		<b>FOR DISTRICT USE ONLY</b>
(1)	No direct connection between the District's Water Supply System and a potential source of contamination exists. Potential sources of contamination are isolated from the District Water Supply System by an air gap or an appropriate backflow prevention assembly in accordance with state plumbing regulations. Additionally, all pressure relief valves and thermal expansion devices are in compliance with state plumbing codes.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
(2)	No cross connection between the District's Water Supply System and a private water system exists. Where an actual air gap is not maintained between the District's Water Supply System and a private water supply system, an approved reduced pressure-zone backflow prevention assembly is properly installed and a service agreement exists for annual inspection and testing by a certified backflow prevention device tester.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
(3)	No connection exists which would allow the return of water used for condensing, cooling or industrial processes back to the District's Water Supply System.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
(4)	No pipe or pipe fitting which contains more than 8.0% lead exists in private plumbing facilities installed on or after July 1, 1988.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
(5)	No solder or flux which contains more than 0.2% lead exists in private plumbing facilities installed on or after July 1, 1988.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
(6)	No plumbing fixture is installed which is not in compliance with a State Approved Plumbing Code.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Water service shall not be provided or restored to the private plumbing facilities until the above conditions are determined to be in compliance.

I further certify that the following materials were used in the installation of the plumbing facilities:

Service Lines    Lead        Copper        PVC        Other      
 Solder            Lead        Lead Free        Solvent Weld        Other   

I recognize that this document shall become a permanent record of the Water Supply System of \_\_\_\_\_ and that I am legally responsible for the validity of the information I have provided.

NOTE: THIS SERVICE INSPECTION CERTIFICATION IS FURNISHED FOR THE SOLE PURPOSE OF INSPECTING THE PLUMBING FACILITIES AT THE AFORESAID LOCATION OF SERVICE FOR UNACCEPTABLE PLUMBING PRACTICES IN ACCORDANCE WITH SAID DISTRICT'S RULES AND REGULATIONS GOVERNING WATER AND SANITARY SEWER FACILITIES, SERVICE LINES, AND CONNECTIONS. NO REPRESENTATION OR WARRANTY IS INTENDED OR MADE AS TO THE ADEQUACY, QUALITY OR FITNESS OF THE PRIVATE PLUMBING FACILITIES.

Signature of Inspector: \_\_\_\_\_  
 Registration Number: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Type of Registration: \_\_\_\_\_

Date: \_\_\_\_\_

EXHIBIT "3"  
TO APPENDIX A

Backflow Prevention Assembly Test and Maintenance Report

The following form must be completed for each assembly tested. A signed and dated original must be submitted to the District for record keeping purposes:

BACKFLOW PREVENTION ASSEMBLY TEST AND MAINTENANCE REPORT

Name of District: \_\_\_\_\_  
 PWS I.D. #: \_\_\_\_\_  
 Location of Service: \_\_\_\_\_

The backflow prevention assembly detailed below has been tested and maintained as required by TNRCC regulations and is certified to be operating within acceptable parameters.

TYPE OF ASSEMBLY

- |   |  |
|---|--|
| <input type="checkbox"/> Reduced Pressure Principle | <input type="checkbox"/> Pressure Vacuum Breaker   |
| <input type="checkbox"/> Double Check Valve         | <input type="checkbox"/> Atmosphere Vacuum Breaker |
| <input type="checkbox"/> Not Needed at this Address |  |

Manufacturer \_\_\_\_\_ Size \_\_\_\_\_  
 Model Number \_\_\_\_\_ Located at \_\_\_\_\_  
 Serial Number \_\_\_\_\_

	Reduced Pressure Principle Assembly			Pressure Vacuum Breaker	
	Double Check Valve Assembly		Relief Valve	Air Inlet	Check Valve
	1st Check	2nd Check		Opened at ____ psid ____ psid	
Initial Test	DC-Closed Tight <input type="checkbox"/> RP-____ psid Leaked <input type="checkbox"/>	Closed Tight <input type="checkbox"/> Leaked <input type="checkbox"/>	Opened at ____ psid	Did not Open <input type="checkbox"/>	Leaked <input type="checkbox"/>
Repairs and Materials Used					
Test After Repair	DC-Closed Tight <input type="checkbox"/> RP-____ psid	Closed Tight <input type="checkbox"/>	Opened at ____ psid	Opened at _____psid	____ psid

**The above is certified to be true.**

**Firm Name:** \_\_\_\_\_  
**Firm Address:** \_\_\_\_\_  
 \_\_\_\_\_

**Certified Tester:** \_\_\_\_\_  
**Cert. Tester No.:** \_\_\_\_\_  
**Date:** \_\_\_\_\_

EXHIBIT "4"  
TO APPENDIX A

APPLICATION FOR SERVICE  
(Please print or type)

Duplicate to  
(address)

\_\_\_\_\_  
(Subdivision and Section)

\_\_\_\_\_  
(Name of Applicant)                      (Lot)                      (Block)

\_\_\_\_\_  
(Street Address)                      (Street Address)

\_\_\_\_\_  
(Phone)                      (City)                      (State)                      (Zip)

Installation to be performed by: \_\_\_\_\_  
(Plumber or Sub-contractor) (Phone)

Type of pipe material to be used: PVC\_\_\_\_, ABS\_\_\_\_, VC\_\_\_\_, CI\_\_\_\_

Date: \_\_\_\_\_ Requested by: \_\_\_\_\_  
(Signature)

Applicant to draw sketch of house layout and proposed location of water and sewer service line:

=====  
For District Use Only

Date Application Received: \_\_\_\_\_

Date Construction Authorized: \_\_\_\_\_

Connection Information: \_\_\_\_\_

WYE Location \_\_\_\_\_

Stack Location \_\_\_\_\_

Manhole Location \_\_\_\_\_

Date of Inspection                      1st \_\_\_\_\_                      2nd \_\_\_\_\_                      3rd \_\_\_\_\_

Date Permit Granted \_\_\_\_\_

Approved by \_\_\_\_\_ District Representative

EXHIBIT "5"  
TO APPENDIX A

CUSTOMER SERVICE AGREEMENT

SECTION I. PURPOSE. Harris County Water Control and Improvement District No. 110 (the "District") is responsible for protecting its Water Supply System from contamination or pollution which could result from unacceptable plumbing practices. The purpose of this Customer Service Agreement is to notify each customer of the plumbing restrictions which are in place to provide this protection. The District enforces these restrictions to ensure the public health and welfare. Each customer must sign this Customer Service Agreement before the District will begin service. In addition, when service to an existing connection has been suspended or terminated, the District will not re-establish service unless it has a signed copy of this Customer Service Agreement.

SECTION II. PLUMBING RESTRICTIONS. The following unacceptable plumbing practices are prohibited by State regulations:

- A. No direct connection between the District's Water Supply System and a potential source of contamination is permitted. Potential sources of contamination shall be isolated from the public water system by an air gap or an appropriate backflow prevention device.
- B. No cross-connection between the District's Water Supply System and a private water system is permitted. These potential threats to the District's Water Supply System shall be eliminated at the service connection by the installation of an air gap or a reduced pressure-zone backflow prevention device.
- C. No connection which allows water to be returned to the District's Water Supply System is permitted.
- D. No pipe or pipe fitting which contains more than 8.0% lead may be used for the installation or repair of plumbing at any connection which provides water for human use.
- E. No solder or flux which contains more than 0.2% lead can be used for the installation or repair of plumbing at any connection which provides water for human use.

SECTION III. SERVICE AGREEMENT. The following are the terms of this Customer Service Agreement between Harris County Water Control and Improvement District No. 110 (the "District") and \_\_\_\_\_ (the "Customer") :

- A. The District will maintain a copy of this Customer Service Agreement as long as the Customer and/or the premises is connected to the District.

- B. The Customer shall allow his/her property to be inspected for possible cross-connections and other unacceptable plumbing practices. These inspections shall be conducted by the District or its designated agent prior to initiating new water service; when there is reason to believe that cross-connections or other unacceptable plumbing practices exist; or after any major changes to the private plumbing facilities. Inspections shall be conducted during the District's normal business hours.
- C. The District shall notify the Customer in writing of any cross-connection or other unacceptable plumbing practices which have been identified during the initial inspection or the periodic reinspection.
- D. The Customer shall immediately correct any unacceptable plumbing practice on his/her premises.
- E. The Customer shall, at his expense, properly install, test, and maintain any backflow prevention device required by the District. Copies of all testing and maintenance records shall be provided to the District.

**SECTION IV. ENFORCEMENT.** If the Customer fails to comply with the terms of this Service Agreement, the District shall, at its option, either terminate service or properly install, test, and maintain an appropriate backflow prevention device at the service connection. Any expenses associated with the enforcement of this Service Agreement shall be billed to the Customer.

NOTE: THE PURPOSE OF THE CUSTOMER SERVICE AGREEMENT IS TO NOTIFY CUSTOMERS OF THE PLUMBING RESTRICTIONS OF THE DISTRICT ADOPTED TO PROTECT THE DISTRICT'S WATER SUPPLY SYSTEM. INSPECTIONS CONDUCTED BY THE DISTRICT'S OPERATOR IN ACCORDANCE WITH THIS SERVICE AGREEMENT ARE FOR THE SOLE PURPOSE OF DISCOVERING AND ELIMINATING UNACCEPTABLE PLUMBING PRACTICES. THE DISTRICT OR THE DISTRICT'S OPERATOR MAKES NO REPRESENTATION AS TO THE ADEQUACY, QUALITY, OR FITNESS OF THE CUSTOMER'S PRIVATE PLUMBING FACILITIES.

Customer's  
Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

EXHIBIT "6"  
TO APPENDIX A

INSPECTION FORM  
SANITARY SEWER SERVICE

Lot \_\_\_\_\_ Block \_\_\_\_\_ Section \_\_\_\_\_  
Street Address \_\_\_\_\_  
Inspection Requested By: \_\_\_\_\_ Date \_\_\_\_\_  
Date Tap to Be Made \_\_\_\_\_  
Results of Inspection Made on \_\_\_\_\_ at \_\_\_\_\_ AM \_\_\_\_\_ PM

Pipe Material: Size \_\_\_\_\_ PVC (D3034) \_\_\_\_\_ ABS(D2751) \_\_\_\_\_  
Tap to: Wye \_\_\_\_\_ Stack \_\_\_\_\_  
Cleanout: House \_\_\_\_\_ and \_\_\_\_\_

INSTALLATION

Satisfactory Unsatisfactory

Directness to Wye \_\_\_\_\_  
Slope \_\_\_\_\_  
Full Contact w/bedding \_\_\_\_\_  
Connection w/Main \_\_\_\_\_  
Condition of Other District \_\_\_\_\_  
Facilities on Lot \_\_\_\_\_  
Connection Permit is approved (not approved).  
Water service to Lot is approved (not approved).  
This service reinspected on \_\_\_\_\_. (See Attached new report).  
Comments: \_\_\_\_\_

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Copy to:  
Applicant: \_\_\_\_\_ By: \_\_\_\_\_  
District Inspector  
Manager: \_\_\_\_\_ By: \_\_\_\_\_  
Authorized Representative  
of Applicant

APPENDIX B

**HARRIS COUNTY WATER CONTROL  
AND IMPROVEMENT DISTRICT NO. 110  
DROUGHT CONTINGENCY PLAN**

**ARTICLE I  
POLICY AND, PURPOSE**

**Section 1.01: Declaration of Policy, Purpose, and Intent**

In order to conserve the available water supply and protect the integrity of water supply facilities, with particular regard for domestic water use, sanitation, and fire protection, and to protect and preserve public health, welfare, and safety, and to minimize the adverse impacts of water supply shortage or other water supply emergency conditions, Harris County Water Control and Improvement District No. 110 (the "District") hereby adopts the following regulations and restrictions on the delivery and consumption of water.

Water uses regulated or prohibited under this Drought Contingency Plan (the "Plan") are considered to be non-essential, and continuation of such uses during times of water shortage or other emergency water supply condition is deemed to constitute a waste of water which subjects the offender(s) to penalties as defined in Article VII of this Plan.

**Section 1.02: Public Involvement.**

Opportunity for the public to provide input into the preparation of the Plan was provided by the District by means of holding public hearings during regular meetings of the Board of Directors of the District during preparation of the Plan.

**Section 1.03: Public Education**

The District will periodically provide the public with information about the Plan, including information about the conditions under which each stage of the Plan is to be initiated or terminated and the drought response measures to be implemented in each stage. This information will be provided by means of letters to the residents, notices on the utility bills, placing of signs in the District, or other similar measures, as appropriate.

**Section 1.04: Coordination with Regional Water Planning Groups**

The service area of the District is located within Regional Water Planning Area H ("Region H") under the Texas Water Plan, and the District will provide a copy of this Plan to Region H.

**Section 1.05: Authorization**

The Board of Directors of the District, along with AquaServices, L.P. (the District's "Operator"), is hereby authorized and directed to implement the applicable provisions of this Plan upon determination that such implementation is necessary to protect public health, safety, and

welfare. The Operator shall have the authority to initiate or terminate drought or other water supply emergency response measures as described in this Plan.

### **Section 1.06: Application**

The provisions of this Plan shall apply to all persons, customers, and property utilizing water provided by the District. The terms "person" and "customer" as used in the Plan include individuals, corporations, partnerships, associations, and all other legal entities.

## **ARTICLE II DEFINITIONS**

For the purposes of this Plan, the following definitions shall apply in addition to the definitions from Article I of the Order Adopting Consolidated Rate Order and Rules and Regulations; Establishing Drought Contingency Plan; Establishing a Wastewater Control Order; Establishing Certain Other Policies; and Providing Penalties for Violation Thereof:

**Aesthetic water use**: water use for ornamental or decorative purposes such as fountains, reflecting pools, and water gardens.

**Commercial and institutional water use**: water use which is integral to the operations of commercial and non-profit establishments and governmental entities such as retail establishments, hotels and motels, restaurants, and office buildings.

**Conservation**: those practices, techniques, and technologies that reduce the consumption of water, reduce the loss or waste of water, improve the efficiency in the use of water or increase the recycling and reuse of water so that a supply is conserved and made available for future or alternative uses.

**Customer**: any person, company, or organization using water supplied by the District.

**Domestic water use**: water use for personal needs or for household or sanitary purposes such as drinking, bathing, heating, cooking, sanitation, or for cleaning a residence, business, industry, or institution.

**Even number address**: street addresses, box numbers, or rural postal route numbers ending in 0, 2, 4, 6, or 8, and locations without addresses.

**Industrial water use**: the use of water in processes designed to convert materials of lower value into forms having greater usability and value.

**Landscape irrigation use**: water used for the irrigation and maintenance of landscaped areas, whether publicly or privately owned, including residential and commercial lawns, gardens, golf courses, parks, and rights-of-way and medians.

**Non-essential water use**: water uses that are not essential nor required for the protection of public, health, safety, and welfare, including:

- (a) irrigation of landscape areas, including parks, athletic fields, and golf courses, except as otherwise provided under this Plan;
- (b) use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle;
- (c) use of water to wash down any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;
- (d) use of water to wash down buildings or structures for purposes other than immediate fire protection;
- (e) flushing gutters or permitting water to run or accumulate in any gutter or street;
- (f) use of water to fill, refill, or add to any indoor or outdoor swimming pools or jacuzzi-type pools;
- (g) use of water in a fountain or pond for aesthetic or scenic purposes except where necessary to support aquatic life;
- (h) failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s); and
- (i) use of water from hydrants for construction purposes or any other purposes other than fire fighting.

**Odd numbered address:** street addresses, box numbers, or rural postal route numbers ending in 1, 3, 5, 7, or 9.

### **ARTICLE III DROUGHT RESPONSE STAGES**

#### **Section 3.01. Criteria for Initiation and Termination of Drought Response Stages**

The Operator shall monitor water supply and/or demand conditions on a daily basis and shall determine when conditions warrant initiation or termination of each stage of the Plan, that is, when the specified "triggers" are reached.

The triggering criteria described below are based on known system capacity limits. The District will adopt measures for each stage of the Plan as warranted by the triggers. The stages will not necessarily be adopted in consecutive order.

#### **Section 3.02. Stage 1 Triggers -- Mild Water Shortage Conditions**

##### **A. Requirements for initiation**

Customers shall be requested to voluntarily conserve water and adhere to the prescribed restrictions on certain non-essential water uses, defined in Article II hereof, when the following condition is reached:

When total daily water demand reaches 16 hours well motor run time for three (3) consecutive days, or when the water supply facilities cannot meet or are in danger of not being capable of meeting water supply demand, as determined by the District's Operator.

##### **B. Requirements for termination**

Stage 1 of the Plan may be rescinded when the District's Operator determines that all of the conditions listed as triggering events have ceased to exist for a period of 3 consecutive days.

**Section 3.03. Stage 2 Triggers --- Moderate Water Shortage Conditions**

**A. Requirements for initiation**

Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses for Stage 2 of this Plan when any of the following conditions occur:

When total daily water demand reaches 18 hours well motor run time for three (3) consecutive days, or when the water supply facilities cannot meet or are in danger of not being capable of meeting water supply demand, as determined by the District's Operator.

**B. Requirements for termination**

Stage 2 of the Plan may be rescinded when the District's Operator determines that all of the conditions listed as triggering events have ceased to exist for a period of 3 consecutive days. Upon termination of Stage 2, Stage 1 becomes operative, unless otherwise notified.

**Section 3.04. Stage 3 Triggers -- Severe Water Shortage Conditions**

**A. Requirements for initiation**

Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses for Stage 3 of this Plan when any of the following conditions occur:

When total daily water demand reaches 20 hours well motor run time for three (3) consecutive days, or when the water supply facilities cannot meet or are in danger of not being capable of meeting water supply demand, as determined by the District's Operator.

**B. Requirements for termination**

Stage 3 of the Plan may be rescinded when the District's Operator determines that all of the conditions listed as triggering events have ceased to exist for a period of 3 consecutive days. Upon termination of Stage 3, Stage 2 becomes operative, unless otherwise notified.

**Section 3.05. Stage 4 Triggers -- Critical Water Shortage Conditions**

**A. Requirements for initiation**

Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses for Stage 4 of this Plan when any of the following conditions occur:

When total daily water demand reaches 22 hours well motor run time for three (3) consecutive days, or when the water supply facilities cannot meet or are in danger of not being capable of meeting water supply demand, as determined by the District's Operator.

**B. Requirements for termination**

Stage 4 of the Plan may be rescinded when the District's Operator determines that all of the conditions listed as triggering events have ceased to exist for a period of 3 consecutive days. Upon termination of Stage 3, Stage 2 becomes operative, unless otherwise notified.

**Section 3.06. Stage 5 Triggers -- Emergency Water Shortage Conditions**

**A. Requirements for initiation**

Customers shall be required to comply with the requirements and restrictions for Stage 5 of this Plan when the Operator determines that a water supply emergency exists based on:

1. Major water line breaks, pump or system failures, or other events which cause unprecedented loss of capability to provide water service; or
2. Natural or man-made contamination of the water supply source(s).

**B. Requirements for termination**

Stage 5 of the Plan may be rescinded when the District's Operator determines that all of the conditions listed as triggering events have ceased to exist for a period of 3 consecutive days.

**ARTICLE IV  
DROUGHT RESPONSE STAGES**

**Section 4.01. Public Notification**

The Operator shall monitor water supply and/or demand conditions on a daily basis and, in accordance with the triggering criteria set forth in Section III of this Plan, shall determine when a mild to moderate, severe, critical, or emergency water shortage condition exists and shall implement the following notification procedures:

**A. Notification: Before any notification of the public occurs, the Operator shall notify the Board of Directors of the need to evoke mandatory water conservation procedures.**

The Operator shall notify the public by means of:

- (1) direct mail to each customer,
- (2) signs posted in public places, or
- (3) other measures that might be appropriate.

**B. Additional Notification:**

The Operator shall notify directly, or cause to be notified directly, the following individuals and entities:

- (1) Texas Commission on Environmental Quality (required when mandatory restrictions are imposed),

- (2) Major water users,
- (3) Critical water users, i.e. hospitals.

**Section 4.02 Stage 1 Response -- Mild Water Shortage Conditions**

A. **Goal:** Achieve an 8 percent reduction in daily water demand to reduce the well motor run time from 16 hours to 14 hours or less.

B. **Best Management Practices:**

- (1) Reduce flushing of water mains.
- (2) Notify customers of the implementation of the voluntary water use restrictions by sending the letter attached as Exhibit 1.

C. **Voluntary Water Use Restrictions for Reducing Water Demand:** The following voluntary water use restrictions shall apply to all persons:

(1) Customers are requested to voluntarily limit the irrigation of landscaped areas with hose-end sprinklers or automatic irrigation systems to Sundays and Thursdays for customers with a street address ending in an even number (0, 2, 4, 6 or 8), and Saturdays and Wednesdays for water customers with a street address ending in an odd number (1, 3, 5, 7 or 9), and irrigation of landscaped areas is further limited to the hours of 12:00 midnight until 10:00 a.m. and between 8:00 p.m. and 12:00 midnight on designated watering days. However, irrigation of landscaped areas is permitted at anytime if it is by means of a hand-held hose, a faucet filled bucket or watering can of five (5) gallons or less, or drip irrigation system.

(2) All operations of the District shall adhere to water use restrictions prescribed for Stage 2 of the Plan.

(3) Customers are requested to practice water conservation and to minimize or discontinue water use for non-essential purposes.

**Section 4.03. Stage 2 Response -- Moderate Water Shortage Conditions**

A. **Goal:** Achieve a 16 percent reduction in daily water demand to reduce the well motor run time from 18 hours to 14 hours or less.

B. **Best Management Practices:**

- (1) Reduce flushing of water mains.
- (2) Notify customers of the implementation of the water use restrictions by sending the letter attached as Exhibit 2.

C. **Water Use Restrictions for Reducing Water Demand:** Upon threat of penalty for violation, the following water use restrictions shall apply to all persons:

(1) Irrigation of residential landscaped areas with hose-end sprinklers or automatic irrigation systems shall be limited to Sundays and Thursdays for customers with a street address ending in an even number (0, 2, 4, 6 or 8), and Saturdays and Wednesdays for water customers with a street address ending in an odd number (1, 3, 5, 7 or 9), and irrigation of landscaped areas is further limited to the hours of 12:00 midnight until 10:00 a.m. and between 8:00 p.m. and 12:00 midnight on designated watering days. However, irrigation of residential landscaped areas is permitted at anytime if it is by means of a hand-held hose, a faucet filled bucket or watering can of five (5) gallons or less, or drip irrigation system.

(2) Irrigation of green belts, common areas, esplanades and sports field shall be limited to Mondays and Fridays between 8:00 p.m. and 12:00 midnight.

(3) Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is prohibited except on designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8:00 p.m. and 12:00 midnight. Such washing, when allowed, shall be done with a hand-held bucket or a hand-held hose equipped with a positive shutoff nozzle for quick rises. Vehicle washing may be done at any time on the immediate premises of a commercial car wash or commercial service station. Further, such washing may be exempted from these regulations if the health, safety, and welfare of the public is contingent upon frequent vehicle cleansing, such as garbage trucks and vehicles used to transport food and perishables.

(4) Use of water to fill, refill, or add to any indoor or outdoor swimming pools, wading pools, or jacuzzi-type pools is prohibited except on designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8 p.m. and 12:00 midnight.

(5) Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with a re-circulation system.

(6) Use of water from hydrants shall be limited to fire fighting, related activities, or other activities necessary to maintain public health, safety, and welfare, except that use of water from designated fire hydrants for construction purposes may be allowed under special permit from the District.

(7) Use of water for the irrigation of golf course greens, tees, and fairways is prohibited except on designated watering days between the hours 12:00 midnight and 10:00 a.m. and between 8 p.m. and 12:00 midnight. However, if the golf course utilizes a water source other than that provided by the District, the facility shall not be subject to these regulations.

(8) All restaurants are prohibited from serving water to patrons except upon request of the patron.

(9) The following uses of water are defined as non-essential and are prohibited:

(a) wash down of any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;

(b) use of water to wash down buildings or structures for purposes other than immediate fire protection;

(c) use of water for dust control;

- (d) flushing gutters or permitting water to run or accumulate in any gutter or street; and
- (e) failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s).

**Section 4.04. Stage3 Response -- Severe Water Shortage Conditions**

A. **Goal:** Achieve a 25 percent reduction in daily water demand to reduce the well motor run time from 20 hours to 14 hours or less.

B. **Best Management Practices:**

- (1) Discontinue flushing of water mains.
- (2) Notify customers of the implementation of the mandatory water use restrictions by sending the letter attached as Exhibit 3.

C. **Water Use Restrictions:** All requirements of Stage 2 shall remain in effect during Stage 3 except that except:

(1) Irrigation of residential landscaped areas shall be limited to designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8 p.m. and 12:00 midnight and shall be by means of hand-held hoses, hand-held buckets, drip irrigation, or permanently installed automatic sprinkler system only. The use of hose-end sprinklers is prohibited at all times.

(2) Irrigation of green belts, common areas, esplanades and sports field shall be limited to Mondays and Fridays between 8:00 p.m. and 12:00 midnight

(3) The watering of golf course tees is prohibited unless the golf course utilizes a water source other than that provided by the District.

(4) The use of water for construction purposes from designated fire hydrants under special permit is to be discontinued.

**Section 4.05 . Stage 4 Response -- Critical Water Shortage Conditions**

A. **Goal:** Achieve a 33 percent reduction in daily water demand to reduce well motor run time from 22 hours to 14 hours or less.

B. **Best Management Practices:**

- (1) Discontinue flushing of water mains; discontinue irrigation of public landscaped areas.
- (2) Notify customers of the implementation of the water use restrictions by sending the letter attached as Exhibit 4.

C. **Water Use Restrictions:** Under threat of penalty for violation, the water use restrictions of Stages 1, 2 and 3 shall be mandatory and shall remain in effect during Stage 4 except:

(1) Irrigation of residential landscaped areas shall be limited to designated watering days between the hours of 6:00 a.m. and 10:00 a.m. and between 8:00 p.m. and 12:00 midnight and shall be by means of hand-held hoses, hand-held buckets, or drip irrigation only. The use of hose-end sprinklers or permanently installed automatic sprinkler systems is prohibited at all times.

(2) Irrigation of green belts, esplanades and sports field shall be limited to Mondays and Fridays between 8:00 p.m. and 12:00 midnight

(3) Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is absolutely prohibited.

(4) The filling, refilling, or adding of water to swimming pools, wading pools, and jacuzzi-type pools is prohibited.

(5) Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with a re-circulation system.

(6) No application for new, additional, expanded, or increased-in-size water service connections, meters, service lines, pipeline extensions, mains, or water service facilities of any kind shall be approved, and time limits for approval of such applications are hereby suspended for such time as this drought response stage or a higher-numbered stage shall be in effect.

#### **Section 4.06 Stage 5 Response -- Emergency Water Shortage Conditions**

A. **Goal:** Restore normal water supply as soon as possible.

B. **Best Management Practices:**

(1) Discontinue flushing of water mains; discontinue irrigation of public landscaped areas.

(2) Notify customers of the implementation of the water use restrictions by sending the letter attached as Exhibit 5.

C. **Water Use Restrictions:** All requirements of Stages 1, 2, 3 and 4 shall remain in effect during Stage 5 except (1) irrigation of landscaped areas and (2) use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle are absolutely prohibited.

### **ARTICLE VII ENFORCEMENT**

A. No person shall knowingly or intentionally allow the use of water from the District for residential, commercial, industrial, agricultural, governmental, or any other purpose in a

manner contrary to any provision of this Plan, or in an amount in excess of that permitted by the drought response stage in effect at the time pursuant to action taken by the Operator in accordance with provisions of this Plan.

B. Any person who violates this Plan is guilty of a misdemeanor and, upon conviction shall be punished by a fine of not less than two hundred fifty dollars (\$250) and not more than five hundred dollars (\$500). Each day that one or more of the provisions in this Plan is violated shall constitute a separate offense. If a person is convicted of three or more distinct violations of this Plan, the Operator shall, upon due notice to the customer, be authorized to discontinue water service to the premises where such violations occur. Services discontinued under such circumstances shall be restored only upon payment of a re-connection charge, as set forth in the District's Rate Order, and any other costs incurred by the in District discontinuing and re-connecting service. In addition, suitable assurance must be given to the District that the same action shall not be repeated while the Plan is in effect. Compliance with this plan may also be sought through injunctive relief in the district court.

C. Any person, including a person classified as a water customer of the District, in apparent control of the property where a violation occurs or originates shall be presumed to be the violator, and proof that the violation occurred on the person's property shall constitute a rebuttable presumption that the person in apparent control of the property committed the violation, but any such person shall have the right to show that he/she did not commit the violation. Parents shall be presumed to be responsible for violations of their minor children and proof that a violation, committed by a child, occurred on property within the parents' control shall constitute a rebuttable presumption that the parent committed the violation, but any such parent may be excused if he/she proves that he/she had previously directed the child not to use the water as it was used in violation of this Plan and that the parent could not have reasonably known of the violation.

D. The Operator, police officer, or other person(s) designated by the District, may issue a citation to a person he/she reasonably believes to be in violation of this Ordinance. The citation shall be prepared in duplicate and shall contain the name and address of the alleged violator, if known, the offense charged, and shall direct him/her to appear in the Justice of the Peace Court on the date shown on the citation for which the date shall not be less than 3 days nor more than 5 days from the date the citation was issued. The alleged violator shall be served a copy of the citation. Service of the citation shall be complete upon delivery of the citation to the alleged violator, to an agent or employee of a violator, or to a person over 14 years of age who is a member of the violator's immediate family or is a resident of the violator's residence. The alleged violator shall appear in the Justice of the Peace Court to enter a plea of guilty or not guilty for the violation of this Plan. If the alleged violator fails to appear in the Justice of the Peace Court, a warrant for his/her arrest may be issued. A summons to appear may be issued in lieu of an arrest warrant. These cases shall be expedited and given preferential setting in the Justice of the Peace Court before all other cases.

## **ARTICLE VIII VARIANCES**

The Operator, may, in writing, grant temporary variance for existing water uses otherwise prohibited under this Plan if it is determined that failure to grant such variance would cause an

emergency condition adversely affecting the health, sanitation, or fire protection for the public or the person requesting such variance and if one or more of the following conditions are met:

- (a) Compliance with this Plan cannot be technically accomplished during the duration of the water supply shortage or other condition for which the Plan is in effect.
- (b) Alternative methods can be implemented which will achieve the same level of reduction in water use.

Persons requesting an exemption from the provisions of this Ordinance shall file a petition for variance with the District within 5 days after the Plan or a particular drought response stage has been invoked. All petitions for variances shall be reviewed by the Operator, and shall include the following:

- (a) Name and address of the petitioner(s).
- (b) Purpose of water use.
- (c) Specific provision(s) of the Plan from which the petitioner is requesting relief.
- (d) Detailed statement as to how the specific provision of the Plan adversely affects the petitioner or what damage or harm will occur to the petitioner or others if petitioner complies with this Ordinance.
- (e) Description of the relief requested.
- (f) Period of time for which the variance is sought.
- (g) Alternative water use restrictions or other measures the petitioner is taking or proposes to take to meet the intent of this Plan and the compliance date.
- (h) Other pertinent information.

Variances granted by the Operator on behalf the District shall be subject to the following conditions, unless waived or modified by the Operator:

- (a) Variances granted shall include a timetable for compliance.
- (b) Variances granted shall expire when the Plan is no longer in effect, unless the petitioner has failed to meet specified requirements.

No variance shall be retroactive or otherwise justify any violation of this Plan occurring prior to the issuance of the variance.

## **ARTICLE IX END OF DROUGHT CONTINGENCY WATER USE RESTRICTIONS**

When the District is able to return to normal water use, the District shall send out the letter attached as Exhibit 8, or otherwise notify the customers of the District of the end of all water use restrictions.

EXHIBIT 1  
TO APPENDIX B

Harris County Water Control and Improvement District No. 110  
of  
Harris County, Texas  
(Drought Stage 1)

\_\_\_\_\_  
(Date)

Dear Customer:

Harris County Water Control and Improvement District No. 110 is unable to provide water at the customary levels or pressure.

To ensure that an adequate supply of water is available for drinking and bathing, you are hereby notified that Stage One of the Drought Contingency Plan is now in effect. Stage One includes the following VOLUNTARY water use restrictions:

(a) Irrigation of residential landscaped areas with hose-end sprinklers or automatic irrigation systems shall be limited to Sundays and Thursdays for customers with a street address ending in an even number (0, 2, 4, 6 or 8), and Saturdays and Wednesdays for water customers with a street address ending in an odd number (1, 3, 5, 7 or 9), and irrigation of landscaped areas is further limited to the hours of 12:00 midnight until 10:00 a.m. and between 8:00 p.m. and 12:00 midnight on designated watering days. However, irrigation of residential landscaped areas is permitted at anytime if it is by means of a hand-held hose, a faucet filled bucket or watering can of five (5) gallons or less, or drip irrigation system.

(b) Irrigation of green belts, esplanades and sports field shall be limited to Mondays and Fridays between 8:00 p.m. and 12:00 midnight.

(c) Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is prohibited except on designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8:00 p.m. and 12:00 midnight. Such washing, when allowed, shall be done with a hand-held bucket or a hand-held hose equipped with a positive shutoff nozzle for quick rises. Vehicle washing may be done at any time on the immediate premises of a commercial car wash or commercial service station. Further, such washing may be exempted from these regulations if the health, safety, and welfare of the public is contingent upon frequent vehicle cleansing, such as garbage trucks and vehicles used to transport food and perishables.

(d) Use of water to fill, refill, or add to any indoor or outdoor swimming pools, wading pools, or jacuzzi-type pools is prohibited except on designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8 p.m. and 12:00 midnight.

(e) Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with a re-circulation system.

(f) Use of water from hydrants shall be limited to fire fighting, related activities, or other activities necessary to maintain public health, safety, and welfare, except that use of water from designated fire hydrants for construction purposes may be allowed under special permit from the District.

(g) Use of water for the irrigation of golf course greens, tees, and fairways is prohibited except on designated watering days between the hours 12:00 midnight and 10:00 a.m. and between 8 p.m. and 12:00 midnight. However, if the golf course utilizes a water source other than that provided by the District, the facility shall not be subject to these regulations.

(h) All restaurants are prohibited from serving water to patrons except upon request of the patron.

(i) The following uses of water are defined as non-essential and are prohibited:

(1) wash down of any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;

(2) use of water to wash down buildings or structures for purposes other than immediate fire protection;

(3) use of water for dust control;

(4) flushing gutters or permitting water to run or accumulate in any gutter or street; and

(5) failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s).

The Board of Directors appreciates your cooperation and perseverance during this Conservation Condition. Once the Conservation Condition ends, we will notify you and you may then return to normal usage. If conditions should worsen, you will be notified of more stringent restrictions, to ensure the availability of water in your community.

Very truly yours,

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Board of Directors

EXHIBIT 2  
TO APPENDIX B

Harris County Water Control and Improvement District No. 110  
of  
Harris County, Texas  
(Drought Stage 2)

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(Date)

Dear Customer:

Harris County Water Control and Improvement District No. 110 is unable to provide water at the customary levels or pressure.

To ensure that an adequate supply of water is available for drinking and bathing, you are hereby notified that Stage 2 of the Drought Contingency Plan is now in effect. Stage 2 includes the MANDATORY water use restrictions set forth below. Any person who violates the water use restrictions set forth below is guilty of a misdemeanor and, upon conviction shall be punished by a fine of not less than two hundred fifty dollars (\$250) and not more than five hundred dollars (\$500). Each day that one or more of the provisions in this Plan is violated shall constitute a separate offense. If a person is convicted of three or more distinct violations of this Plan, the Operator shall, upon due notice to the customer, be authorized to discontinue water service to the premises where such violations occur. Services discontinued under such circumstances shall be restored only upon payment of a re-connection charge, as set forth in the District's Rate Order, and any other costs incurred by the District in discontinuing and re-connecting service. In addition, suitable assurance must be given to the District that the same action shall not be repeated while the Plan is in effect. Compliance with this plan may also be sought through injunctive relief in the district court.

**WATER USE RESTRICTIONS**

(a) Irrigation of residential landscaped areas with hose-end sprinklers or automatic irrigation systems shall be limited to Sundays and Thursdays for customers with a street address ending in an even number (0, 2, 4, 6 or 8), and Saturdays and Wednesdays for water customers with a street address ending in an odd number (1, 3, 5, 7 or 9), and irrigation of landscaped areas is further limited to the hours of 12:00 midnight until 10:00 a.m. and between 8:00 p.m. and 12:00 midnight on designated watering days. However, residential irrigation of landscaped areas is permitted at anytime if it is by means of a hand-held hose, a faucet filled bucket or watering can of five (5) gallons or less, or drip irrigation system.

(b) Irrigation of green belts, esplanades and sports field shall be limited to Mondays and Fridays between 8:00 p.m. and 12:00 midnight

(c) Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is prohibited except on designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8:00 p.m. and 12:00 midnight. Such washing, when allowed, shall be done with a hand-held bucket or a hand-held hose equipped with a positive shutoff nozzle for

quick rises. Vehicle washing may be done at any time on the immediate premises of a commercial car wash or commercial service station. Further, such washing may be exempted from these regulations if the health, safety, and welfare of the public is contingent upon frequent vehicle cleansing, such as garbage trucks and vehicles used to transport food and perishables.

(d) Use of water to fill, refill, or add to any indoor or outdoor swimming pools, wading pools, or jacuzzi-type pools is prohibited except on designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8 p.m. and 12:00 midnight.

(e) Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with a re-circulation system.

(f) Use of water from hydrants shall be limited to fire fighting, related activities, or other activities necessary to maintain public health, safety, and welfare, except that use of water from designated fire hydrants for construction purposes may be allowed under special permit from the District.

(g) Use of water for the irrigation of golf course greens, tees, and fairways is prohibited except on designated watering days between the hours 12:00 midnight and 10:00 a.m. and between 8 p.m. and 12:00 midnight. However, if the golf course utilizes a water source other than that provided by the District, the facility shall not be subject to these regulations.

(h) All restaurants are prohibited from serving water to patrons except upon request of the patron.

(i) The following uses of water are defined as non-essential and are prohibited:

(1) wash down of any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;

(2) use of water to wash down buildings or structures for purposes other than immediate fire protection;

(3) use of water for dust control;

(4) flushing gutters or permitting water to run or accumulate in any gutter or street; and

(5) failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s).

The Board of Directors appreciates your cooperation and perseverance during this Conservation Condition. Once the Conservation Condition ends, we will notify you and you may then return to normal usage. If conditions should worsen, you will be notified of more stringent restrictions, to ensure the availability of water in your community.

Very truly yours,

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Board of Directors

EXHIBIT 3  
TO APPENDIX B

Harris County Water Control and Improvement District No. 110  
of  
Harris County, Texas  
(Drought Stage 3)

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(Date)

Dear Customer:

Harris County Water Control and Improvement District No. 110 is experiencing severe water shortage conditions and is unable to provide water at the customary levels or pressure.

To ensure that an adequate supply of water is available for drinking and bathing, you are hereby notified that Stage 3 of the Drought Contingency Plan is now in effect and the mandatory restrictions set forth in below are now in effect. The Board of Directors is aware of the inconvenience of these severe restrictions, but it is imperative that the water supply not only be available for drinking and bathing but also for fire fighters in the event of a house fire. Any person who violates the water use restrictions set forth below is guilty of a misdemeanor and, upon conviction shall be punished by a fine of not less than two hundred fifty dollars (\$250) and not more than five hundred dollars (\$500). Each day that one or more of the provisions in this Plan is violated shall constitute a separate offense. If a person is convicted of three or more distinct violations of this Plan, the Operator shall, upon due notice to the customer, be authorized to discontinue water service to the premises where such violations occur. Services discontinued under such circumstances shall be restored only upon payment of a re-connection charge, as set forth in the District's Rate Order, and any other costs incurred by the in discontinuing service. In addition, suitable assurance must be given to the District that the same action shall not be repeated while the Plan is in effect. Compliance with this plan may also be sought through injunctive relief in the district court.

**WATER USE RESTRICTIONS**

(a) Irrigation of residential landscaped areas shall be limited to Sundays and Thursdays for customers with a street address ending in an even number (0, 2, 4, 6 or 8), and Saturdays and Wednesdays for water customers with a street address ending in an odd number (1, 3, 5, 7 or 9). Irrigation of residential landscaped areas shall be limited to designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8 p.m. and 12:00 midnight and shall be by means of hand-held hoses, hand-held buckets, drip irrigation, or permanently installed automatic sprinkler system only. The use of hose-end sprinklers is prohibited at all times.

(b) Irrigation of green belts, esplanades and sports field shall be limited to Mondays and Fridays between 8:00 p.m. and 12:00 midnight

(c) Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle not occurring on the premises of a commercial car wash and commercial service stations

and not in the immediate interest of public health, safety, and welfare is prohibited. Further, such vehicle washing at commercial car washes and commercial service stations shall occur only between the hours of 10:00 a.m. and 2:00 p.m. and between 10:00 p.m. and 6:00 a.m.

(d) Use of water to fill, refill, or add to any indoor or outdoor swimming pools, wading pools, or jacuzzi-type pools is prohibited except on designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8 p.m. and 12:00 midnight.

(e) Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with a re-circulation system.

(f) Use of water from hydrants shall be limited to fire fighting, related activities, or other activities necessary to maintain public health, safety, and welfare. The use of water for construction purposes from designated fire hydrants under special permit is to be discontinued.

(g) The watering of golf course tees is prohibited unless the golf course utilizes a water source other than that provided by the District.

(h) All restaurants are prohibited from serving water to patrons except upon request of the patron.

(i) The following uses of water are defined as non-essential and are prohibited:

(1) wash down of any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;

(2) use of water to wash down buildings or structures for purposes other than immediate fire protection;

(3) use of water for dust control;

(4) flushing gutters or permitting water to run or accumulate in any gutter or street; and

(5) failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s).

Failure to comply with the Water Use Restrictions is deemed a violation of the Drought Contingency Plan and may result in the termination of water and sewer service to your property. Water and sewer service will not be restored until noncompliance is discontinued and a reconnect fee of \$100 is paid.

The Board of Directors appreciates your cooperation and perseverance during this Drought Stage. Once the Drought Stage ends, we will notify you and you may then return to normal usage. If conditions should worsen, you will be notified of more stringent restrictions, to ensure the availability of water in your community.

Very truly yours,

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Board of Directors

EXHIBIT 4  
TO APPENDIX B

Harris County Water Control and Improvement District No. 110  
of  
Harris County, Texas  
(Drought Stage 4)

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(Date)

Dear Customer:

Harris County Water Control and Improvement District No. 110 is experiencing critical water shortages conditions and is unable to provide water at the customary levels or pressure.

To ensure that an adequate supply of water is available for drinking and bathing, you are hereby notified that Stage 4 of the Drought Contingency Plan is now in effect and the mandatory restrictions set forth in below are now in effect. The Board of Directors is aware of the inconvenience of these severe restrictions, but it is imperative that the water supply not only be available for drinking and bathing but also for fire fighters in the event of a house fire. Any person who violates the water use restrictions set forth below is guilty of a misdemeanor and, upon conviction shall be punished by a fine of not less than two hundred fifty dollars (\$250) and not more than five hundred dollars (\$500). Each day that one or more of the provisions in this Plan is violated shall constitute a separate offense. If a person is convicted of three or more distinct violations of this Plan, the Operator shall, upon due notice to the customer, be authorized to discontinue water service to the premises where such violations occur. Services discontinued under such circumstances shall be restored only upon payment of a re-connection charge, as set forth in the District's Rate Order, and any other costs incurred by the District in discontinuing and re-connecting service. In addition, suitable assurance must be given to the District that the same action shall not be repeated while the Plan is in effect. Compliance with this plan may also be sought through injunctive relief in the district court.

**WATER USE RESTRICTIONS**

To ensure that an adequate supply of water is available for drinking and bathing, you are hereby notified that Stage 4 of the Drought Contingency Plan is now in effect. The Board of Directors is aware of the inconvenience of these severe restrictions, but it is imperative that the water supply not only be available for drinking and bathing but also for fire fighters in the event of a house fire. The following mandatory restrictions are now in effect:

(a) Irrigation of residential areas shall be limited to Sundays and Thursdays for customers with a street address ending in an even number (0, 2, 4, 6 or 8), and Saturdays and Wednesdays for water customers with a street address ending in an odd number (1, 3, 5, 7 or 9). Irrigation of residential landscaped areas shall be limited to designated watering days between the hours of 6:00 a.m. and 10:00 a.m. and between 8:00 p.m. and 12:00 midnight and shall be by means of hand-held hoses, hand-held buckets, or drip irrigation only. The use of hose-end sprinklers or permanently installed automatic sprinkler systems is prohibited at all times.

(b) Irrigation of green belts, esplanades and sports field shall be limited to Mondays and Fridays between 8:00 p.m. and 12:00 midnight.

(c) Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is absolutely prohibited.

(d) The filling, refilling, or adding of water to swimming pools, wading pools, and jacuzzi-type pools is prohibited.

(e) Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with a re-circulation system.

(f) Use of water from hydrants shall be limited to fire fighting, related activities, or other activities necessary to maintain public health, safety, and welfare. The use of water for construction purposes from designated fire hydrants under special permit is to be discontinued.

(g) The watering of golf course tees is prohibited unless the golf course utilizes a water source other than that provided by the District.

(h) All restaurants are prohibited from serving water to patrons except upon request of the patron.

(i) The following uses of water are defined as non-essential and are prohibited:

(1) wash down of any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;

(2) use of water to wash down buildings or structures for purposes other than immediate fire protection;

(3) use of water for dust control;

(4) flushing gutters or permitting water to run or accumulate in any gutter or street;  
and

(5) failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s).

(j) No application for new, additional, expanded, or increased-in-size water service connections, meters, service lines, pipeline extensions, mains, or water service facilities of any kind shall be approved, and time limits for approval of such applications are hereby suspended for such time as this drought response stage or a higher-numbered stage shall be in effect.

The Board of Directors appreciates your cooperation and perseverance during this Conservation Condition. Once the Conservation Condition ends, we will notify you and you may then return to normal usage. If conditions should worsen, you will be notified of more stringent restrictions, to ensure the availability of water in your community.

Very truly yours,

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Board of Directors

EXHIBIT 5  
TO APPENDIX B

Harris County Water Control and Improvement District No. 110  
of  
Harris County, Texas  
(Drought Stage 5)

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(Date)

Dear Customer:

Harris County Water Control and Improvement District No. 110 is experiencing emergency water conditions and is unable to provide water at the customary levels or pressure.

To ensure that an adequate supply of water is available for drinking and bathing, you are hereby notified that Stage 5 of the Drought Contingency Plan is now in effect and the **mandatory** restrictions set forth in below are now in effect.. The Board of Directors is aware of the inconvenience of these severe restrictions, but it is imperative that the water supply not only be available for drinking and bathing but also for fire fighters in the event of a house fire. Any person who violates the water use restrictions set forth below is guilty of a misdemeanor and, upon conviction shall be punished by a fine of not less than two hundred fifty dollars (\$250) and not more than five hundred dollars (\$500). Each day that one or more of the provisions in this Plan is violated shall constitute a separate offense. If a person is convicted of three or more distinct violations of this Plan, the Operator shall, upon due notice to the customer, be authorized to discontinue water service to the premises where such violations occur. Services discontinued under such circumstances shall be restored only upon payment of a re-connection charge, as set forth in the District's Rate Order, and any other costs incurred by the District in discontinuing or re-connecting. In addition, suitable assurance must be given to the District that the same action shall not be repeated while the Plan is in effect. Compliance with this plan may also be sought through injunctive relief in the district court.

**WATER USE RESTRICTIONS**

To ensure that an adequate supply of water is available for drinking and bathing, you are hereby notified that Stage 5 of the Drought Contingency Plan is now in effect. The Board of Directors is aware of the inconvenience of these severe restrictions, but it is imperative that the water supply not only be available for drinking and bathing but also for fire fighters in the event of a house fire. The following mandatory restrictions are now in effect:

- (a) Irrigation of all residential landscaped areas is prohibited.
- (b) irrigation of green belts, esplanades and sports fields is prohibited.
- (c) Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is absolutely prohibited.

(d) The filling, refilling, or adding of water to swimming pools, wading pools, and jacuzzi-type pools is prohibited.

(e) Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with a re-circulation system.

(f) Use of water from hydrants shall be limited to fire fighting, related activities, or other activities necessary to maintain public health, safety, and welfare. The use of water for construction purposes from designated fire hydrants under special permit is to be discontinued.

(g) The watering of golf course tees is prohibited unless the golf course utilizes a water source other than that provided by the District.

(h) All restaurants are prohibited from serving water to patrons except upon request of the patron.

(i) The following uses of water are defined as non-essential and are prohibited:

(1) wash down of any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;

(2) use of water to wash down buildings or structures for purposes other than immediate fire protection;

(3) use of water for dust control;

(4) flushing gutters or permitting water to run or accumulate in any gutter or street;  
and

(5) failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s).

(j) No application for new, additional, expanded, or increased-in-size water service connections, meters, service lines, pipeline extensions, mains, or water service facilities of any kind shall be approved, and time limits for approval of such applications are hereby suspended for such time as this drought response stage or a higher-numbered stage shall be in effect.

The Board of Directors appreciates your cooperation and perseverance during this Conservation Condition. Once the Conservation Condition ends, we will notify you and you may then return to normal usage. If conditions should worsen, you will be notified of more stringent restrictions, to ensure the availability of water in your community.

Very truly yours,

---

Board of Directors

EXHIBIT 6  
TO APPENDIX B  
Harris County Water Control and Improvement District No. 110  
Harris County, Texas  
(Drought Stage 6)

\_\_\_\_\_  
(Date)

Dear Customer:

Harris County Water Control and Improvement District No. 110 is experiencing emergency water conditions and must implement water allocation measures.

You are hereby notified that Stage 6 of the Drought Contingency Plan is now in effect and the **mandatory** water allocations and water use restrictions set forth below are now in effect. Any person who violates the water use restrictions set forth below is guilty of a misdemeanor and, upon conviction shall be punished by a fine of not less than two hundred fifty dollars (\$250) and not more than five hundred dollars (\$500). Each day that one or more of the provisions in this Plan is violated shall constitute a separate offense. If a person is convicted of three or more distinct violations of this Plan, the Operator shall, upon due notice to the customer, be authorized to discontinue water service to the premises where such violations occur. Services discontinued under such circumstances shall be restored only upon payment of a re-connection charge, as set forth in the District's Rate Order, and any other costs incurred by the District in discontinuing or re-connecting service. In addition, suitable assurance must be given to the District that the same action shall not be repeated while the Plan is in effect. Compliance with this plan may also be sought through injunctive relief in the district court.

**WATER ALLOCATION**

**RESIDENTIAL WATER CUSTOMERS RESIDING IN A SINGLE-FAMILY DWELLING SHALL BE ALLOCATED WATER AS FOLLOWS:**

Persons per Household	Gallons per Month
1 or 2	6,000
3 or 4	7,000
5 or 6	8,000
7 or 8	9,000
9 or 10	10,000
11 or more	12,000

Each residential water customer is deemed to have 2 persons per household unless written notification is provided to the District in Attachment 1. Residential water customers shall pay the following surcharges:

- \$3.00 for the first 1,000 gallons over allocation.
- \$4.00 for the next 1,000 gallons over allocation.
- \$5.00 for each additional 1,000 gallons over allocation.

Surcharges shall be cumulative.

### **MASTER-METERED MULTI-FAMILY RESIDENTIAL CUSTOMERS SHALL BE ALLOCATED WATER AS FOLLOWS**

The allocation to a customer billed from a master meter which jointly measures water to multiple permanent residential dwelling units shall be allocated 5,000 gallons per month for each dwelling unit. Customers billed from a master meter under this provision shall pay the following monthly surcharges:

- \$2.00 per thousand gallons for the first 1,000 gallons over allocation.
- \$3.00 per thousand gallons for the second 1,000 gallons over allocation.
- \$4.00 per thousand gallons for the third 1,000 gallons over allocation.
- \$5.00 per thousand gallons for each additional 1,000 gallons over allocation.

Surcharges shall be cumulative.

### **COMMERCIAL CUSTOMERS**

A monthly water allocation for commercial customers, other than an industrial customer, shall be approximately 70% percent of the customer's usage for the previous month. Provided, however, a customer, 70% percent of whose monthly usage is less than 5,000 gallons, shall be allocated 5,000 gallons. It shall be the customer's responsibility to contact the Operator to determine the allocation. Commercial customers shall pay the following surcharges:

- \$2.00 per thousand gallons for the first 1,000 gallons over allocation.
- \$3.00 per thousand gallons for the second 1,000 gallons over allocation.
- \$4.00 per thousand gallons for the third 1,000 gallons over allocation.
- \$5.00 per thousand gallons for each additional 1,000 gallons over allocation.

The surcharges shall be cumulative. As used herein, "block rate" means the charge to the customer per 1,000 gallons at the regular water rate schedule at the level of the customer's allocation.

### **INDUSTRIAL CUSTOMERS**

The industrial customer's allocation shall be approximately, 90% percent of the customer's previous month water usage. It shall be the customer's responsibility to contact the Operator to determine the allocation, and the allocation shall be fully effective notwithstanding the lack of receipt of written notice. Industrial customers shall pay the following surcharges:

- \$2.00 per thousand gallons for the first 1,000 gallons over allocation.
- \$3.00 per thousand gallons for the second 1,000 gallons over allocation.
- \$4.00 per thousand gallons for the third 1,000 gallons over allocation.
- \$5.00 per thousand gallons for each additional 1,000 gallons over allocation.

The surcharges shall be cumulative.

## **WATER USE RESTRICTIONS**

To ensure that an adequate supply of water is available for drinking and bathing, you are hereby notified that Stage 6 of the Drought Contingency Plan is now in effect. The Board of Directors is aware of the inconvenience of these severe restrictions, but it is imperative that the water supply not only be available for drinking and bathing but also for fire fighters in the event of a house fire. The following mandatory restrictions are now in effect:

- (a) Irrigation of landscaped areas is prohibited.
- (b) Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is absolutely prohibited.
- (c) The filling, refilling, or adding of water to swimming pools, wading pools, and jacuzzi-type pools is prohibited.
- (d) Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with a re-circulation system.
- (e) Use of water from hydrants shall be limited to fire fighting, related activities, or other activities necessary to maintain public health, safety, and welfare. The use of water for construction purposes from designated fire hydrants under special permit is to be discontinued.
- (f) The watering of golf course tees is prohibited unless the golf course utilizes a water source other than that provided by the District.
- (g) All restaurants are prohibited from serving water to patrons except upon request of the patron.
- (h) The following uses of water are defined as non-essential and are prohibited:
  - (1) wash down of any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;
  - (2) use of water to wash down buildings or structures for purposes other than immediate fire protection;
  - (3) use of water for dust control;
  - (4) flushing gutters or permitting water to run or accumulate in any gutter or street;and
  - (5) failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s).
- (l) No application for new, additional, expanded, or increased-in-size water service connections, meters, service lines, pipeline extensions, mains, or water service facilities of any kind shall be approved, and time limits for approval of such applications are hereby suspended for such time as this drought response stage or a higher-numbered stage shall be in effect.

The Board of Directors appreciates your cooperation and perseverance during this Conservation Condition. Once the Conservation Condition ends, we will notify you and you may then return to normal usage. If conditions should worsen, you will be notified of more stringent restrictions, to ensure the availability of water in your community.

Very truly yours,

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Board of Directors

Attachment 1 to Exhibit 6  
TO APPENDIX B

CERTIFICATE OF OCCUPANCY

To: Harris County Water Control and Improvement District No. 110  
c/o AquaServices, L.P.  
11302 Tanner Road  
Houston, Texas 77041

I, the undersigned, hereby notify Harris County Water Control and Improvement District No. 110, that the number of persons in the household at \_\_\_\_\_ is \_\_\_\_\_ persons.

Executed this \_\_\_\_\_.

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

EXHIBIT 7  
TO APPENDIX B

Harris County Water Control and Improvement District No. 110  
of  
Harris County, Texas

CITATION

---

(Date)

Dear Customer:

On \_\_\_\_\_, you were notified that you were violating the Water Use Restrictions of Harris County Water Control and Improvement District No. 110. This second violation has resulted in the termination of water and sewer service to your property. Service will be restored upon discontinuation of the prohibited use and upon payment of a \$100 reconnect fee. In addition, you will have to sign a copy of the water use restrictions now in effect. To have service restored you should contact the operator of Harris County Water Control and Improvement District No. 110 at \_\_\_\_\_.

In addition, if you fail to take the steps listed above, the District will consider the imposition of Monetary Penalties for Noncompliance. In addition to disconnection, the District may impose a penalty of up to \$5,000.00 for each violation of this Plan. Each day that a breach of any provision of this Plan continues shall be considered a separate violation. This penalty shall be in addition to any other legal rights and remedies of the District as may be allowed by law. We urge you to comply with the provisions of the District's Drought Contingency Plan.

Sincerely,

---

Board of Directors

EXHIBIT 8  
TO APPENDIX B

Harris County Water Control and Improvement District No. 110  
of  
Harris County, Texas

---

(Date)

Dear Customer:

The Drought Condition has ended. You may return to normal water usage. The Board of Directors of Harris County Water Control and Improvement District No. 110 appreciates your cooperation and perseverance during this period and would appreciate your continued attention to water use. Continued water conservation practices will help ensure water availability in the future. Thank you for your efforts.

Very truly yours,

---

Board of Directors

# DRAFT

**TEXAS WATER DEVELOPMENT BOARD  
P. O. BOX 13231, CAPITOL STATION  
AUSTIN, TX 78711-3231  
WATER AUDIT REPORTING FORM**

Mark Mathis, Conservation Division  
P. O. Box 13231  
Austin, TX 78711  
(512.463.0987)  
Email: Mark.Mathis@twdb.state.tx.us

Utility Name: \_\_\_\_\_

Type of Utility: (circle one) WSC MUD WC1D SUD CITY Other \_\_\_\_\_

Regional Water Planning Group(s) in which this system operates \_\_\_\_\_

[http://www.twdb.state.tx.us/mapping/maps/pdf/sb1\\_groups\\_8x\\_11.pdf](http://www.twdb.state.tx.us/mapping/maps/pdf/sb1_groups_8x_11.pdf)

Name of person completing this form: \_\_\_\_\_

Phone number of person completing form (area code) \_\_\_\_\_

Mailing address of Utility: \_\_\_\_\_

Reporting Period: From \_\_\_\_\_ To \_\_\_\_\_

Percentage of water used: Surface - \_\_\_\_\_ Groundwater \_\_\_\_\_

Mean household income of population served: \_\_\_\_\_

<http://factfinder.census.gov/servlet/SAFFPeople?>

Population served \_\_\_\_\_

Note: unit of measure (Acre- foot or Million gallons) must stay consistent throughout report

I. SYSTEM INPUT VOLUME                      MG ACRE-FT OTHER \_\_\_\_\_

Water Delivery - Amount of water put into delivery system: \_\_\_\_\_

Master Meter Adjustment - Volume master meter did not account for: +/- \_\_\_\_\_

Corrected Input Volume - Water delivery plus/minus Master Meter Adjustment: \_\_\_\_\_

## 2. AUTHORIZED CONSUMPTION

Revenue Water \_\_\_\_\_

Billed Metered - All water sold: \_\_\_\_\_

Billed Unmetered - All water sold but not metered: \_\_\_\_\_

Non-Revenue Water \_\_\_\_\_

Unbilled metered - City and local government use metered line flushing: \_\_\_\_\_

Unbilled unmetered - Line flushing/fire dept use: (estimate) \_\_\_\_\_

Authorized Consumption - The Total of all Authorized water: \_\_\_\_\_

## 3. WATER LOSS

Apparent Loss

Customer Meter Under-Registering-Inaccurate customer meters +/- \_\_\_\_\_

Billing Adjustment/Waivers \_\_\_\_\_

Unauthorized consumption (Theft) (estimate) \_\_\_\_\_

Total at Apparent loss \_\_\_\_\_

Real Loss:

Operator error (storage tank overflows) \_\_\_\_\_

Main break/leaks: (estimate) \_\_\_\_\_

Customer service line leaks/breaks: (estimate) \_\_\_\_\_

The Total of Real Loss \_\_\_\_\_

Total Water Loss, Apparent Loss + Real Loss \_\_\_\_\_

**4. TECHNICAL PERFORMANCE INDICATORS**

Performance Indicators for Real Losses

Your utility's number of service connections \_\_\_\_\_

Your utility's number of miles of main lines \_\_\_\_\_

Now divide your service connections by miles of main \_\_\_\_\_

Total Real Loss/Miles of Main/365 \_\_\_\_\_

Total Real Loss/No. of Service Connections/365 \_\_\_\_\_

**5. FINANCIAL PERFORMANCE INDICATORS**

Total Real Loss \_\_\_\_\_

Production cost of water \_\_\_\_\_

Total Real Loss multiplied by production cost of water: \_\_\_\_\_

Total Apparent Loss Retail cost of water \_\_\_\_\_

Retail cost of water \_\_\_\_\_

Total Apparent loss multiplied by retail cost of water: \_\_\_\_\_

APPENDIX C

RULES AND REGULATIONS CONCERNING  
DOMESTIC AND COMMERCIAL WASTES

THE STATE OF TEXAS

COUNTY OF HARRIS

HARRIS COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NO. 110

§  
§  
§  
§  
§

I.  
PURPOSE

The Rules and Regulations Concerning Commercial and Domestic Wastes set forth below is to govern all connections made to the sanitary sewer collection system within the District.

II.  
DEFINITIONS

Definitions from the District's Order Adopting Consolidated Rate Order and Rules and Regulations; Establishing a Wastewater Control Order; and Providing Penalties for Violation Thereof are incorporated herein by reference. Unless the context requires otherwise, the terms and phrases used herein shall have meanings as follows:

1. The term "amenable to treatment" shall mean susceptible to reduction in concentration by Treatment routinely provided in the District's wastewater treatment plant, to a level which is in compliance with federal and state effluent limitations for discharges into the waters of the State of Texas.

2. The term "B.O.D." (Biochemical Oxygen Demand) means the quantity of oxygen by weight expressed in milligrams per liter ("mg/l") utilized in the biochemical oxidation of organic matter under standard laboratory conditions for five days at a temperature of twenty (20) degrees centigrade as determined by the procedures specified in the latest edition of Standard Methods, or such other manual of operations as the District may adopt from time to time in accordance with the latest rules of the Texas Natural Resource Conservation Commission (the "TNRCC").

3. The term "Control Manhole" or "Control Point" means a manhole, sample well or other facility which provides access to a Customer's Sanitary Sewer Collection System and is located at a point before the Waste discharges in the Waste Disposal System.

4. The term "C.O.D." (Chemical Oxygen Demand) means the measure of the oxygen-consuming capacity of inorganic and organic matter present in water or waste, expressed in milligrams per liter as the amount of oxygen consumed from a chemical oxidant as determined by Standard Methods, or such other manual of operations as the District may adopt from time to time in accordance with the latest rules of the TNRCC.

5. The term "Commercial Waste" means the liquid and water-carried waste resulting from any process of industry, manufacturing, trade, business, or commercial enterprise, or any other

process resulting in the discharge of waste other than normal domestic wastewater, including any mixture of industrial waste with water or normal domestic wastewater, and such other waste as the District deems appropriate.

6. The term "Commercial Waste Charge" means the charge made to persons who discharge or are responsible for the discharge of non-residential waste into the Waste Disposal System which discharge is amenable to treatment but which exceeds the concentration levels of normal domestic wastewater.

7. The term "Customer" means any person who is served by the wastewater collection and treatment system of the District (the "Waste Disposal System").

8. The term "Customer's Sanitary Sewer Collection System" means the sanitary sewer system(s) now owned or operated or to be constructed or acquired by Customers of the District, including sanitary sewers (but excluding storm sewers), manholes, intercepting sewers, pumping works, and all other plants, works, and equipment for the collection and transportation of waste to the District's Waste Disposal System.

9. The term "daily composite" means the composite of all samples of a Customer's wastewater that may be taken in any 24-hour period selected by the District. A daily composite shall be prepared from not less than three (3) grab samples collected no closer together than one (1) hour per sample.

10. The term "discharge" includes the terms deposit, conduct, drain, emit, throw, run, seep, or otherwise release or dispose of, or to allow, permit, or suffer any of such acts or omissions.

11. The term "grab sample" means an individual sample collected in less than 15 minutes.

12. The term "grease" means fats, waxes, oils, and other similar volatile material and waste which are extracted by procedures specified in the latest edition of Standard Methods, or such other manuals as the District may adopt from time to time in accordance with the latest rules of the TNRCC.

13. The term "infiltration water" means water which leaks into the District's Waste Disposal System or its customers' sanitary sewer collection systems.

14. The term "interference" means the inhibition or disruption of the Waste Disposal System treatment process or operations which causes or contributes to causing a violation of the District's NPDES Permit or its permit issued by the Texas Natural Resource Conservation Commission.

15. The term "mg/l" means milligrams per liter.

16. The term "monthly average" means, at the option of the District, either (i) the arithmetic average of all grab samples taken during a calendar month or (ii) the arithmetic average of all daily composite samples taken during a calendar month.

17. The term "normal domestic wastewater" means waste, excluding industrial waste, discharged by a person into the Waste Disposal System or into a Customer's sanitary sewer

collection system in which the average concentration of total suspended solids is not more than 200 mg/1, B.O.D. is not more than 200 mg/1, and NH<sub>3</sub>-N is not more than 35 mg/1.

18. The term "overload" means the imposition of organic or hydraulic loading on the Waste Disposal System in excess of either its designated hydraulic capacity, its installed rated capacity, or its organic loading capacity.

19. The term "person" means any individual, public or private corporation, district, authority, political subdivision, or other agency or entity of the State of Texas or of the United States of America; any incorporated city, town, or village, whether operating under general law or under its home rule charter; and any copartnership, association, firm, trust, estate, or any other entity whatsoever.

20. The term "pH" means the common logarithm of the reciprocal of the hydrogen ion concentration expressed in molecules per liter of solution.

21. The term "Pollutant" means any dredged spoil, solid waste, incinerator residue, waste, garbage, sludge, munitions, chemical wastes, biological materials, radioactive materials, heat, wrecked or discharged equipment, rock, sand, cellar dirt and industrial, municipal and agricultural waste discharged into water.

22. The term "pretreatment" means the reduction of the amount of Pollutants, the elimination of Pollutants, or the alteration of the nature of the Pollutant properties in the wastewater to a less harmful state prior to or in lieu of discharging or otherwise introducing such Pollutants into the Waste Disposal System.

23. The term "properly shredded garbage" means solid waste from the preparation, cooking, and dispensing of food and from the handling, storage, and sale of produce that has been shredded to such a degree that all particles will be carried freely under the flow conditions normally prevailing in public sanitary sewers, with no particle greater than one-half (1/2) inch in any dimension.

24. The term "slug" means any discharge of water which in the concentration of any given constituent or in the quantity of the flow, exceeds for any period of duration longer than fifteen (15) minutes more than five (5) times the average twenty-four (24) hour concentration or flow during normal operation.

25. The term "Standard Methods" means the examination and analytical procedures set forth in the latest edition of "Standard Methods for the Examination of Water and Wastewater" as prepared, approved, and published jointly by the American Public Health Association, the America Water Works Association, and the Water Pollution Control Federation.

26. The term "storm sewer" means sewers which carry storm and surface waters and drainage and into which waste is not intentionally discharged.

27. The term "suspended solids" means those solids that either float on the surface or are in suspension in waste or other liquids, expressed in terms of milligrams per liter.

28. The term "trap" means a device designed to skim, settle, or otherwise remove grease, oil, sand, flammable wastes, or other substances which may be harmful to either the Waste Disposal System or its treatment processes.

29. The term "waste" means normal domestic wastewater and commercial waste collected by a public sanitary sewer collection system, together with such infiltration water as may be present.

30. The term "Waste Disposal System" means all or any part of any disposal system or disposal facilities constructed or acquired by the District for receiving, transporting, treating, and disposing of waste collected by the sanitary sewer collection systems of the District's customers, together with such extensions, enlargements, and modifications as may be required in the future or as may be necessary to comply with any regulatory requirements.

31. The term "wastewater service charge" means the charge to all users of the District's Waste Disposal System whose wastes do not exceed the concentrations established herein as representative of normal domestic wastewater.

### III. PROHIBITED DISCHARGE

#### A. DISCHARGES INJURING OR INTERFERING WITH WASTE DISPOSAL SYSTEM

All waste discharged into the Waste Disposal System shall conform to the requirements hereof and shall consist only of waste amenable to biological treatment or other processes employed by the District from time to time. No person may discharge into the Waste Disposal System any waste which by itself or by interaction with any other waste may (i) injure or interfere with the process or physical properties or facilities of the Waste Disposal System, (ii) constitute a hazard to humans or animals, and (iii) create a hazard in the receiving waters of the effluent of the Waste Disposal System. No person shall discharge any of the following substances into the Waste Disposal System:

1. Any inflows or infiltration, including but not limited to, storm water, groundwater, roof runoff, sub-surface drainage, noncontact cooling water, or from sources such as downspouts, yard drains, pool drains, yard fountains or ponds, or lawn sprinklers.

2. 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 Waste Disposal System or to the operation of the Waste Disposal System. At no time shall two successive readings on an explosion hazard meter, at the point of discharge into the system (or at any point in the system), be more than five percent (5%) nor any single reading over ten percent (10%) of the Lower Explosive Limit (LEL) of the meter. Prohibited materials include, but are not limited to, gasoline, kerosene, naphtha, benzene, toluene, xylene, ethers, alcohols, ketones, aldehydes, peroxides, chlorates, perchlorates, bromates, carbides, hydrides and sulfides and any other substances in concentrations which the District, the State or EPA has identified or hereafter identifies as a fire hazard or a hazard to the system.

3. Solid or viscous substances which may cause obstruction to the flow in a sewer or other interference with the operation of the Waste Disposal System including, but not limited to, garbage (other than properly shredded garbage) containing particles greater than one-half inch (1/2") in any dimension, animal guts or tissues, paunch manure, bones, hair hides or fleshings, entrails, whole blood, feathers, ashes, cinders, sand, spent lime, stone or marble dust, metal, glass, straw, shavings, grass clippings,

lettuce, rags, spent grains, spent hops, waste paper, wood, plastics, gas, tar, asphalt residues, residues from refining or processing of fuel or lubricating oil, mud, glass grindings or polishing wastes.

4. Any wastewater having a pH less than 6.0 or higher than 9.0, as determined from the average of at least four (4) grab samples taken at least one hour apart and measured instantaneously, or having a pH lower than 5.0 or higher than 10.0 for any single grab sample, or wastewater having any other corrosive property capable of causing damage or hazard to structures, equipment, and/or personnel of the Waste Disposal System.

5. Any wastewater containing toxic Pollutants in sufficient quantity, either singly or by interaction with other Pollutants, to injure or interfere with any wastewater treatment process, which constitute a hazard to humans or animals, which create a toxic effect in the receiving waters of the wastewater facilities, or which exceed the limitation set forth in a National Categorical Pretreatment Standard.

6. Any wastewater having a temperature which will inhibit biological activity in the wastewater treatment plant or result in the interference with the operations of such facility, but in no case wastewater with a temperature at the designated control point or sample well which exceeds 65°C (150°F) or which causes the temperature of waste at the entrance to the wastewater treatment plant to exceed 40°C (104°F). In addition, no wastewater with such a temperature that will cause the temperature of wastewater at the entrance to the wastewater treatment plant to rise more than 10°F per hour.

7. Any Pollutants, including oxygen demanding Pollutants released at a flow rate and/or Pollutant concentration which will cause interference to the Waste Disposal System. No slug discharges are allowed.

8. A volume of flow which will cause the influent flow to the Waste Disposal System to exceed 1.5 times the average dry weather flow rate for a period longer than one hour. The design and installation of surge basins shall be subject to the review and approval of the District and to the requirements of all applicable laws.

9. Waste containing B.O.D. or suspended solids in excess of 200 mg/l, or ammonia in excess of 35 mg/l, based on a grab sample, unless a variance is first obtained from the District. B.O.D. or suspended solids in monthly average concentrations above 200 mg/l, and ammonia in a monthly concentration above 35 mg/l, shall be subject to payment of Commercial Waste Charges pursuant to Section VIII herein.

Discharges prohibited by the foregoing parameters include, but are not limited to, slugs and materials which exert or cause: excessive discoloration or concentrations of suspended solids, B.O.D., C.O.D., or chlorine demands in excess of the ability of the Waste Disposal System to treat adequately and dispose of such waste in compliance with applicable regulatory requirements.

## **B. CHEMICAL DISCHARGES**

The following chemicals shall not be admissible into the Waste Disposal System:

1. Cyanide or cyanogen compounds capable of liberating hydrocyanic gas upon acidification when present in concentrations in excess of 0.5 mg/1 by weight as cyanide (CN);
2. Fluorides other than those contained in the local public water supply for the area which is the source of the discharge;
3. Gasoline, cleaning solvents, benzene, naphtha, fuel oil, or other flammable or explosive liquids, solids, or gases;
4. Substances causing C.O.D. in excess of 500 mg/1 for any daily composite sample or 1,000 mg/1 for any grab sample;
5. Acids or alkalis having pH values lower than 6.0 or higher than 9.0, iron pickling wastes, or concentrated plating solutions whether neutralized or not;
6. Grease, whether emulsified or not, containing substances which may solidify or become viscous at temperatures between 32 degrees and 150 degrees Fahrenheit (0 degrees and 65 degrees Centigrade) or which exceeds on analysis an average of 100 mg/1 of soluble matter;
7. Dissolved sulfides whose concentrations exceed 30 mg/1;
8. Radioactive materials or isotopes of such half-life or concentrations which will permit a transient concentration higher than the maximum allowable as specified by the governing standards of all local, State and federal regulatory authorities;
9. Any other corrosive, explosive, malodorous, or objectionable chemicals in liquid, solid, or gaseous form.

#### C. HEAVY METALS AND TOXIC MATERIALS

The following metals and toxic materials shall not be admissible into the District's Waste Disposal System:

1. Objectionable or toxic substances exerting an excessive chlorine requirement to such a degree that any such material received in the composite waste at the wastewater treatment plant exceeds the limits established from time to time by the District for such materials.
2. Obnoxious, toxic, or poisonous solids, liquids, or gases in quantities sufficient to violate the provisions of this Part III hereof.
3. Any substance having corrosive properties capable of causing damage or hazard to structures, equipment, or personnel operating the Waste Disposal System.
4. All waste or other substances containing phenols, hydrogen sulfide, or other taste or odor producing substances exceeding the concentration limits established from time to time by the District or which, after treatment of the composite waste, exceeds applicable regulatory requirements.

5. Antimony, beryllium, bismuth, boron, cobalt, molybdenum, tin, uranyl ion, uranium, rhenium, strontium, tellurium, and such other heavy metals as may be prohibited by the District.

6. The following heavy metals or the salts thereof in solution or suspension which upon analysis by Standard Methods exceed the concentrations listed below:

Not to Exceed (mg/l)			
<u>Metal</u>	<u>Monthly Average</u>	<u>Daily Composite</u>	<u>Grab Sample</u>
Arsenic	1.000	1.500	3.000
Barium	5.000	7.500	15.000
Cadmium	0.083	0.125	0.250
Chromium	5.000	7.500	15.000
Copper	0.600	0.900	1.800
Lead	0.400	0.600	1.200
Manganese	2.000	3.000	6.000
Mercury	0.0005	0.0010	0.002
Nickel	5.000	7.500	15.000
Selenium	0.467	0.700	1.400
Silver	0.050	0.050	0.100
Zinc	2.000	3.000	6.000

7. Any other heavy metals or toxic materials except upon the conditions of pretreatment, concentration, volumes, and other applicable standards prescribed by the District or by applicable statutes, laws, rules, or regulations.

**D. SOLID WASTE**

No person may discharge solid waste into the Waste Disposal System unless it is properly shredded garbage. The District may review and approve the installation and operation of any garbage grinder equipped with a motor of three-fourth (3/4) horsepower (0.76 H.P. metric) or greater.

IV.  
**MINIMUM PRELIMINARY TREATMENT CRITERIA  
FOR COMMERCIAL WASTE**

It is not the intent of this Wastewater Control Order to cover all the possibilities for types of businesses that could potentially discharge wastes that can be adverse to the Waste Disposal System. However, the common commercial enterprises found in the vicinity of residential neighborhoods have been considered.

1. Gasoline Sales/Car Repair. All floor drains in shop areas shall include a combination mud and grease trap similar to City of Houston Dwg. 359-S-1. All flows into

these drains should subsequently be treated in a specially designed oil separator with positive means for oil and grease removal. A 48-hour detention grease trap (minimum 1,500 gallons) or a corrugated plate pack separator will provide such treatment. No drainage shall be pumped with a centrifugal pump prior to oil and grease separation. The traps shall be cleaned at least once a month. Safeguards shall be taken against contamination of groundwater due to leakage from fuel tanks. All piping and tankage for both oil and grease pretreatment facilities and product storage shall be of double wall construction and shall include integral leak detection monitors to preclude contamination of groundwater.

2. Car Wash Facilities. All car wash facilities shall recycle the maximum amount of wash water through the best commercially available systems and install a mud/grease trap for each drain followed by 96-hour detention gravity grease separation (minimum 1,500 gallons) or a corrugated plate pack separator. Mud, sludge, and grease removal shall be required at least once a month. If the car wash facility has gasoline pump(s), then the car wash facility must also have floor drains to include a mud and grease trap similar to City of Houston Dwg. 359-S-1. All flows into these drains should subsequently be treated in a specifically designed oil separator with positive means for oil and grease removal. Traps shall be cleaned at least once a month. Safeguards shall be taken against contamination of groundwater due to leakage from fuel tanks. All piping and tankage for both oil and grease pretreatment facilities and product storage shall be double wall construction and shall include integral leak detection monitors to preclude contamination of groundwater. A ground water monitoring well must also be installed.

3. Food Service/Grocery Stores. Restaurants, meat markets, grocery stores, and other establishments dealing with the sale of unprocessed or cooked foods shall be prohibited from using garbage grinders, shall require grease traps (minimum 1,500 gallons), shall install an inspection manhole for sampling, and shall insure that scrap food and grease are collected in sealed containers and hauled away for reprocessing. Grease traps shall be cleaned a minimum of once a month.

4. Printing and Photoprocessing. Printing and photo-processing facilities shall install a ground water monitoring well and shall discharge only domestic waste from sinks and restrooms. All printing and photoprocessing chemicals shall be collected in sealed containers and hauled away for reprocessing.

5. Laundry/Dry Cleaning. Laundry and dry cleaning facilities shall install a ground water monitoring well and shall incorporate a lint trap system equivalent to two City of Houston Dwg. 533-S units in series, providing a minimum of 3,000 gallons of capacity. Cleaning of the lint trap is required at least once a month.

6. Landscaping/Nurseries. Landscaping and nurseries that use herbicides and pesticides shall install a ground water monitoring device and shall only discharge domestic waste from sinks and restrooms.

7. Discharge of Waters or Wastes Containing Toxic or Poisonous Substances; Submission of Written Statement. Where the operation of a person, firm, or corporation entails the discharge of water or wastes containing toxic or poisonous substances, a written statement setting forth the nature of the operation contemplated or presently carried on shall be filed with the District. The statement shall specify the amount of water that will be used and its source, the proposed point of discharge of wastes into the Waste

Disposal System of the District, and the estimated amount to be discharged; the statement shall include a laboratory statement setting forth the expected bacterial, physical, chemical, and other known characteristics of said wastes. Within thirty (30) days from receipt of such statement, the District shall issue an order stating minimum restrictions necessary in the judgement of the District's Engineer to protect the District's systems.

Where pretreatment or control is required by the District, it shall review and approve the design and installation of the equipment and processes in conformity with all applicable laws and regulatory requirements. Any person responsible for discharges requiring such pretreatment or control facilities shall provide and maintain such facilities in effective operating conditions.

V.  
TRAPS; INTERCEPTORS

Grease, oil, and sand interceptors shall be provided for the proper handling of liquid wastes containing grease in amounts that will impair the proper functioning of any sanitary sewer line and for preventing any flammable wastes, sand, and other harmful ingredients from entering into the sanitary sewers. Interceptors shall not be required for premises used exclusively as private living quarters or dwelling units. All interceptors shall be of a type and capacity approved by the District and shall be located as to be readily and easily accessible for cleaning and inspection.

Grease and oil interceptors shall be constructed of impervious materials capable of withstanding abrupt and extreme changes in temperature. They shall be of substantial construction, watertight, and equipped with easily removable covers which when bolted in place shall be gas-tight and watertight. Where installed, all grease, oil, and sand interceptors shall be maintained by the owner, at his expense, in continuously efficient operation at all times. Any facility with a mud and grease trap or grease trap or pretreatment system shall be required to remove grease, grit, sludge, or other residue at least once a month and shall maintain records at the site of the date, time, name of hauler, volume removed, destination, waste hauling permit number, and a copy of a hauler's manifest. Records shall be available for inspection by District's representatives during normal working hours. A facility not complying shall be subject to having water service terminated until the facility is brought into compliance.

VI.  
SAMPLING; TESTING; INSPECTION; RIGHT OF ENTRY

A. Control Manholes: Installation, Location, and Maintenance. The owner of any property served by a sewer carrying Commercial Waste shall install a suitable control manhole in the sewer to facilitate observation, sampling, and measurement of the wastes. Such manhole shall be accessible and safely located and shall be constructed in accordance with plans approved by the District Engineer. 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.

Owners of property served by a sewer carrying Commercial Waste and required to install a suitable manhole pursuant to this Article VI hereof and receiving water and sanitary sewer service from the District on the initial effective date of this Wastewater Control Order shall have 180 days from the initial effective date to install a suitable control manhole. Failure to install the manhole within 180 days as described herein shall result

in the termination of water and sewer service to the property. All new connections served by a sewer carrying Commercial Waste shall have a suitable control manhole installed prior to receiving water and sewer service from the District.

B. Sampling/Testing. The District or its duly authorized agent or representative may enter at all reasonable times any lands or premises served or proposed to be served by the Waste Disposal System for the purposes of carrying out and determining compliance with the provisions hereof.

After the effective date hereof and upon completion of the installation of a suitable control manhole pursuant to Section VI(A) hereof, the Operator for the District shall conduct an initial test which shall consist of a minimum of one (1) grab sample and a maximum of three (3) grab samples, as determined by the District's Operator, from the control manhole of all sewers carrying Commercial Waste. If the results of the grab samples indicate that the waste being discharged into the Waste Disposal System is in accordance with this Wastewater Control Order, testing shall then be conducted on a periodic basis.

In the event the grab samples indicate that the waste being discharged into the Waste Disposal System is in violation of this Wastewater Control Order, then the owner of the property shall be notified and shall be required to submit a plan for the satisfactory correction of the violation in accordance with Subsection C of this Section, unless the violation presents an imminent danger to the health or welfare of the public, then service shall be terminated in accordance with Article IX hereof. The cost for all additional testing conducted as a result of the violation shall be billed to the commercial Customer, and failure to pay such cost will result in the termination of water and sewer service.

Sampling and testing shall be conducted on connections carrying Commercial Waste in accordance with customarily accepted methods, reflecting the effects of constituent wastes upon the Waste Disposal System and the existence of hazards to health, life, limb, or property. Examination and analysis of the characteristics of water and waste shall be conducted in accordance with Standard Methods or such other manual of operation as the District may adopt from time to time in accordance with the latest rules of the Texas Natural Resource Conservation Commission and shall be determined from suitable samples taken at control points selected by the District. The cost to take and analyze such samples shall be added to the Customer's water and sewer service bill, and failure to pay for such sample will result in the termination of the Customer's water and sewer service.

C. Notification of Violation/Submission of Plan. Whenever the District finds that any Customer has violated or is violating this Wastewater Control Order, except when such violation presents an imminent danger to the health or welfare of persons, as provided in Article IX, the District shall serve upon such person a written notice stating the nature of the violation. Within a period of not more than thirty (30) days from the date of the notice, as specified therein, a plan for satisfactory correction thereof shall be submitted in writing to the District. If such a plan is not timely submitted, or if such violation is not corrected, the District shall proceed with enforcement under Article XII. No prior notice shall be required for the imposition of the fine described in Article XI if such fine is assessed for a violation of this Wastewater Control Order.

## VII.

## SUPERVISION

If the District or its designated representative determines that a discharge or a proposed discharge into the Waste Disposal System may deleteriously affect the Waste Disposal System or receiving waters, or create a hazard to life or health, or create a public nuisance, it may require:

- A. Discontinuation of the discharge into the District's sewer system in its entirety.
- B. Pretreatment to an acceptable condition for discharge into the Waste Disposal System.
- C. Control over the quantities and rates of discharge.
- D. Waste surcharge payments sufficient to compensate the District for the cost of handling and treating the waste.

## VIII. COMMERCIAL WASTE CHARGES

In addition to the wastewater service charges made by the District, the District may charge customers discharging commercial waste into the Waste Disposal System the Commercial Waste Charges provided for herein where the waste discharge exceeds the parameters of normal domestic wastewater.

1. The Commercial Waste Charge shall be calculated by the following formula:

$$UC = Q[X + Y(\text{BOD} - 200) + Z(\text{SS} - 200) + n(N-35)]$$

Formula values are:

UC = Commercial Waste Charge (in dollars)

Q = Billable quantity (based on water billed or actual measurement of Wastewater discharged) of wastewater in thousands of gallons.

X = \$0.50

Y = \$0.0018

Z = \$0.0022

n = \$0.0125

BOD = Five-day, twenty (20) degrees celsius, biochemical oxygen demand content of the waste delivered, in mg/1 based on monthly average concentration.

SS = Suspended solids content of the waste delivered, in mg/1 based on monthly average concentration.

N = Ammonia content of the Waste delivered, in mg/1 based on monthly average concentration.

The District shall review and, if appropriate, adjust the Commercial Waste Charges to reflect changes in the characteristics of the commercial waste of each user based upon the results of sampling and testing. The District also shall review the basis for determining Commercial Waste Charges and shall adjust the unit treatment costs in the above formula to reflect increases or decreases in the wastewater treatment costs based upon the prior experience. Increases in Commercial Waste Charges shall continue for six (6) billing periods unless subsequent tests determine that the charges should be further increased. If another method of billing is determined by the District's Board to be a more effective method of allocating such costs to the Customer, based upon the particular facts of each case, the District may use such method in lieu of the above. The Commercial Waste Charges will be billed as a separate item from wastewater service charges. Failure to pay the Commercial Waste Charge shall result in termination of water and sewer service pursuant to provisions of the District's Order Adopting Consolidated Rate Order and Rules and Regulations; Establishing Policy Regulating Water Use During Emergencies; Establishing a Wastewater Control Order; Establishing Certain Other Policies; and Providing Penalties for Violation Thereof.

#### IX. EMERGENCY RELIEF

The District may immediately suspend the wastewater treatment service of a user when such suspension is necessary, in the opinion of the Board of the District, in order to stop or prevent an actual or threatened discharge that presents an imminent or substantial endangerment to the health or welfare of persons, to the environment, or to the Waste Disposal System of the District, or which would cause the effluent from the plant to exceed discharge parameters. The District may immediately suspend the wastewater treatment service of a user when such suspension is necessary, in the opinion of the Board of the District, to prevent contamination of sludge from the plant. The District shall reinstate the wastewater service upon proof of the elimination of the non-complying discharge. Such disconnection and reconnection shall be at the expense of the user. The District may permanently disconnect any user showing a history of flagrant or habitual violation of this Wastewater Control Order.

#### X. REVIEW

Any user objecting to a decision or order of the District under authority of this Wastewater Control Order shall have the right to a hearing before the Board of the District, at which time the contentions of both the District and user shall be reviewed. The Board President, or in his absence the Vice President, shall be the presiding officer and may, at his discretion, request other professional opinions prior to rendering his decision on the matter of review.

#### XI. PENALTY FOR VIOLATION OF ARTICLE

All violations of this Wastewater Control Order, including any failure to observe any discharge parameter set forth herein or permit issued pursuant to these Wastewater Control Order, shall be punishable with the Civil Penalties set forth in and under the Enforcement Provisions of the District's Rate Order and as set forth in Article XII of this Wastewater Control

Order. Each day of a violation of any parameter or requirement constitutes a distinct and separate offense.

## XII. ENFORCEMENT

Any or all of the following remedies may be employed by the District to abate and prevent any violation of the provisions of this Wastewater Control Order:

1. Discontinuance of water service.
2. Disconnection and sealing of sanitary sewer connection.
3. The District's attorney may and is hereby authorized to:
  - (a) File suit in a court of competent jurisdiction to secure appropriate judicial relief, including, but not limited to, injunctive relief and the penalty provided in the District's Rate Order for the violation by such user of the provisions of this Wastewater Control Order.
  - (b) Seek a resolution of the Board authorizing the filing of a lawsuit under the provision of Texas Water Code §26.124.
4. A user found in violation of this Wastewater Control Order shall be liable to the District for all expenses borne by the District including laboratory fees, legal fees, engineering fees and other costs incurred by the District in establishing the violation and resolving the cause of the violation.
5. A user found in violation of this Wastewater Control Order that causes or contributes to a violation by the District's Waste Disposal System of effluent parameters shall be liable to the District for all expenses borne by the District, including legal and engineering fees related to any lawsuit filed by federal, state, or local authorities regarding violations by the District of effluent parameters applicable to the District's sanitary sewer system.
6. Where a user discharges wastewater to the District's Waste Disposal System in violation of this Wastewater Control Order and such discharge causes or contributes to contamination of sludge from the wastewater treatment plant, the user shall be liable for all costs borne by the District in disposing of the contaminated sludge over and above costs regularly incurred in sludge disposal.

## XIII. SEVERABILITY

All orders or parts of orders in conflict herewith are hereby repealed to the extent of such conflict. The invalidity of any section, clause, sentence, or provision of this Wastewater Control Order shall not affect the validity of any other part or parts of this Wastewater Control Order, which other part or parts shall be given effect as though such invalid section, clause, sentence, or provision were omitted.

## XIV. SUPERSEDING REGULATION OR STATUTE

Whenever any applicable statute, regulation, or permit of any state, federal, or other agency having jurisdiction over the subject matter of this Wastewater Control Order is in conflict with this Wastewater Control Order, the stricter requirement shall apply, unless mandated otherwise.

XV.  
REIMBURSEMENT TO DISTRICT

In the event that any person, as defined in Section II herein, discharges industrial wastes as defined in this Wastewater Control Order, either with or without authorization by the District, such person shall be responsible for any extraordinary costs of operation of the wastewater treatment plant that might result from unauthorized wastes or improper handling of authorized wastes and shall also be responsible for any administrative fines, penalties or fees that may be assessed to the District for such discharge. Such charges may include, but not be limited to, the costs of determining the nature of the contaminant into the plant (a Toxicity Identification Evaluation), the costs of locating the source of the contaminant, and the costs of preventing the contaminant from entering the plant or eliminating the contaminant from the treatment units. Failure to pay such costs when billed may subject the entity to disconnection of services as set forth in Section XII above and to any other remedies available to the District.

XVI.  
EFFECT OF REGULATION; AMENDMENT

The provisions hereof are to be deemed and construed as regulatory requirements supplementary and in addition to all laws, rules, regulations, ordinances, or licenses now in effect or hereafter passed, adopted, or promulgated by any regulatory agency, federal, state, or local, having jurisdiction over the District's Waste Disposal System. The provisions hereof are subject to amendment, repeal, or alteration from time to time by the Board of Directors of the District.