

RESOLUTION NO. 20160505-004

WHEREAS, the adoption and periodic update, as appropriate, of the City's Drought Contingency Plan (DCP) is a requirement of the Texas Commission on Environmental Quality; and

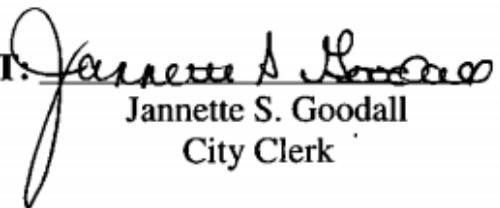
WHEREAS, revisions to the City's Water Conservation Code include changes to drought response and updates are required for the City's DCP to incorporate these Code changes; **NOW, THEREFORE**,

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF AUSTIN:

The Council adopts a new plan entitled "The City of Austin Drought Contingency Plan," incorporating applicable revisions to the City's Water Conservation Code, as shown in Exhibit A.

ADOPTED: May 5, 2016

ATTEST:


Jannette S. Goodall
City Clerk



*Developed to Meet Requirements
Outlined in 30 TAC § 288.20 and § 288.22*

City of Austin

**Drought
Contingency
Plan**

May 2016

**Austin Water
Water Conservation Division
City of Austin, Texas
PWS # 2270001**

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DROUGHT CONTINGENCY PLAN

City of Austin, Texas

May 2016

Section I: Declaration of Policy, Purpose and Intent

The City of Austin (the City) adopted this Drought Contingency Plan (the Plan) 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 minimize the adverse impacts of water supply shortage during drought or other emergency water supply conditions. This Plan is designed to meet Section 11.1272 of the Texas Water Code and Chapter 288 of Title 30 of the Texas Administrative Code. These regulations require all Texas wholesale public water suppliers and all retail public water suppliers providing water service to 3,300 or more connections to update Drought Contingency Plans by May 1, 2014 and every five years thereafter. If revisions to the Plan are needed before the scheduled five-year update, they must be submitted to TCEQ within 90 days of adoption. Additionally, as part of its water agreements with the Lower Colorado River Authority (LCRA), the City is required to have a Drought Contingency Plan that reflects consideration of the targets and goals set forth in the LCRA Drought Contingency Plan.

The Plan specifies how the City will respond to and manage the water system during demand and infrastructure constraints as well as during drought, including a repetition of the critical drought of record. The City will coordinate with LCRA and the policies set forth in its Water Management Plan, if and when a drought or other shortage of water supply should occur. Water management actions are codified in the City of Austin's Municipal Code, Title VI Environmental Control and Conservation, Chapter 6-4 Water Conservation, Article II Water Use Management, last revised in May 2016. This Drought Contingency Plan reflects those revisions and serves as a water conservation guideline as described therein. The amended Water Conservation Code is included in Appendix A.

Section II: Background

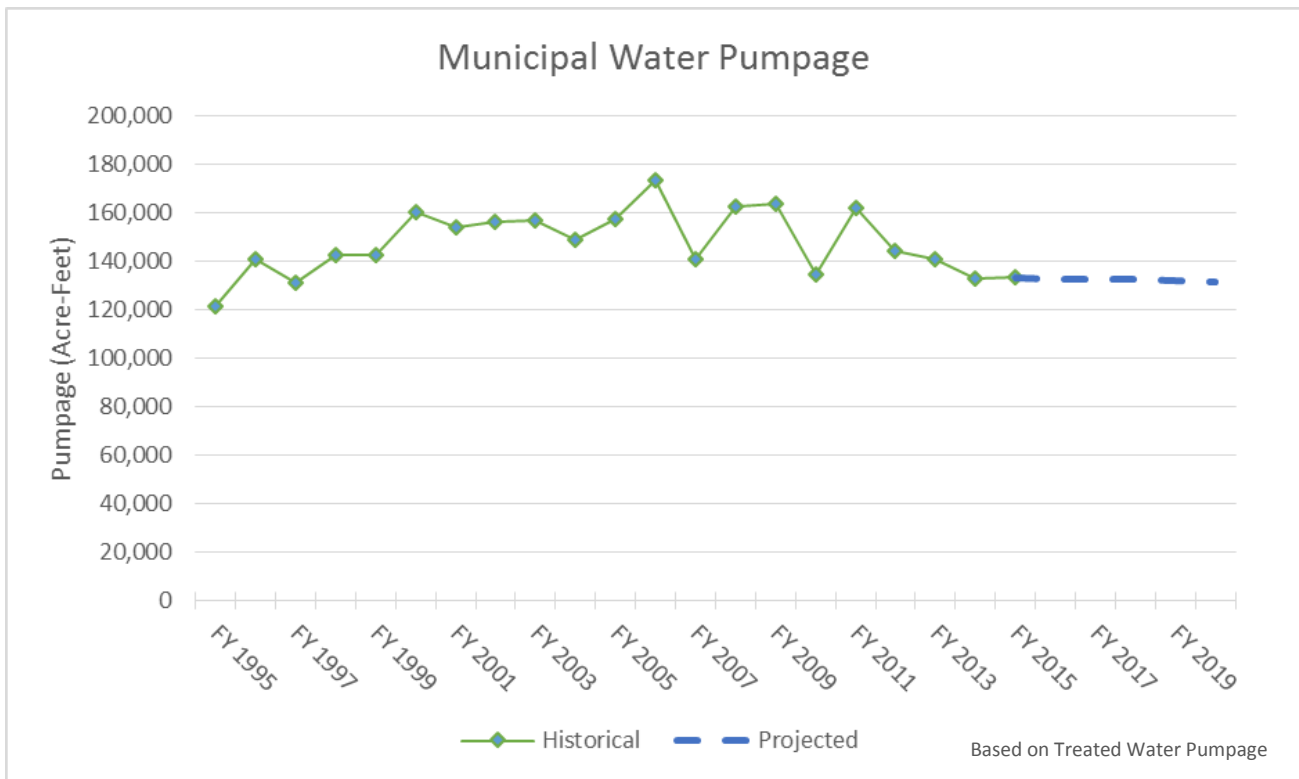
A. City of Austin Water Supply, Projected Demand, and Water Supply Contracts

The City holds permitted municipal water rights granted by the State of Texas to divert a maximum of 292,703 acre-feet per year (AF/yr) from the Colorado River for municipal use. These water rights are run-of-river rights in the State's priority water rights system. This means that the City is permitted to divert water under these rights if the water is available for diversion after other more senior water rights are first fulfilled. While Austin's water rights include some of the most senior water rights in the river basin, there are various conditions, typically during dry weather, under which this run-of-river water would not reliably be available to the City of Austin's water rights. Therefore, Austin has entered into water supply contract

agreements with LCRA to further ensure water availability under a wide range of hydrologic conditions, including droughts.

In 1999, the City of Austin secured a firm water supply of 325,000 AF/yr through a contract with LCRA using stored water in the Highland Lakes and other sources to back up Austin’s senior water rights. This contract is renewable by the City of Austin through the year 2100. In 2007, Austin entered into a supplemental water supply agreement with LCRA to provide Austin with an additional 250,000 AF/yr of firm water to be jointly planned incrementally for future needs beyond the 1999 contract’s 325,000 AF/yr level. The 325,000 AF/yr component of the City’s firm municipal water supply described above (from Austin’s senior water rights backed by contract with LCRA) is roughly double the peak annual diversion level of 170,122 AF/yr, which occurred in 2008. The most recent five-year average is approximately 147,776 AF/yr. Figure 1 illustrates the amount of the City of Austin’s current and projected municipal demand for that water through 2021.

Figure 1



According to its 2015 Water Management Plan, LCRA plans to manage water supplies in the Colorado River to ensure that stored water for firm demands is available without shortage through a repeat of the Drought of Record (DOR). When LCRA’s Board declares a Drought Worse than the Drought of Record (DWDR), then LCRA requires mandatory pro-rata curtailment of firm water demand. A declaration of a DWDR includes evaluation of hydrologic and water supply conditions based on set criteria which include drought duration, inflow

volumes, and combined storage conditions. LCRA may require mandatory curtailments of firm water demand under some other water emergency that drastically reduces the available firm water supply. If a DWDR declaration is made, LCRA may, after notification and pro-rata curtailment plan approval, impose mandatory curtailment of firm customers. The City has adopted a Water Conservation Code (Appendix A) authorizing the City to consider and implement emergency conservation measures if the City were required to curtail water use during a DWDR declaration.

B. Drought Conditions and Management Actions

LCRA manages the Highland Lakes, including its water supply reservoirs lakes Travis and Buchanan, as a system, resulting in a maximum combined storage capacity of just over 2.0 million acre-feet. LCRA uses combined storage levels in lakes Travis and Buchanan, inflows to the Highland Lakes, and other hydrologic factors as indicators of water supply conditions, including possible severe, long-term drought conditions, and to trigger drought contingency plan stage implementation. The historical drought of record for the Colorado River basin region, which includes the City of Austin, is the one which occurred during the years 1947-1957, when the combined water storage levels of lakes Travis and Buchanan fell to a low of 621,221 acre-feet. Over the recent past, drought conditions have been severe. Based on the unprecedented conditions, LCRA in February 2015 announced that the basin is in a new “critical period”, which LCRA defines as the time period with the driest conditions and lowest inflows.

In order to minimize negative effects from periods of severe water shortages, the Water Conservation Code (Section 6-4) outlines the City’s stages for taking action in its retail service area during such periods caused by drought, water supply contamination, system outage due to failure or damage of water system, or other emergency conditions. In addition, if the available supply is less than the anticipated demand, the City will consider and implement additional emergency demand management measures, as outlined in the Water Conservation Code (Appendix A). All measures promulgated in the Water Conservation Code are considered part of this Plan.

C. Water System Capacity

Austin Water currently serves approximately 225,000 connections with over 3,800 miles of water mains. In 2015, Austin Water served an approximate retail service area population of 921,000 and a wholesale customer population of 56,000, for a total service population of approximately 977,000. All of Austin’s drinking water comes from the Colorado River. Two water treatment plants, with a combined capacity to treat and distribute 285 million gallons per day (MGD), draw water from Lake Austin. A third water treatment plant, which has a capacity of 50 MGD, draws from Lake Travis. Table 1 has a summary of the current plant capacities.

Table 1. City of Austin Water Treatment Plants and Capacity

Plant Name	Year Constructed	Treatment Capacity (million gallons/day)
Davis	1954	118 ^a
Ullrich	1969	167 ^b
Water Treatment Plant 4	2014	50 ^c
<i>Total</i>		335

a) Expanded in 1963, 1977, 1987, and 1999.

b) Modernized in 1993 to meet the higher standards of the Safe Drinking Water Act and expanded in 1987 and 2000. Capacity expansion from 100 to 167 MGD was completed in 2008.

c) Capacity can be expanded to 300 MGD over time.

Section III: Trigger Conditions and Goals

The City of Austin has established a Conservation Stage containing year-round water conservation measures that apply to its retail water customers. These measures include a schedule that gives more efficient irrigation methods more time to water. During Conservation Stage, the following measures are in place:

- Residential and commercial facilities may irrigate either before 10:00 a.m. or after 7:00 p.m. only on a designated outdoor water use day.
- Automatic irrigation systems are limited to no more than one designated outdoor water use day per week, which allows up to fifteen hours of irrigation.
- Hose-end sprinklers are allowed up to two designated outdoor water use days per week, for a total of thirty hours of irrigation.
- Vehicles and outdoor surfaces may be washed if a hose with a positive shut-off or a bucket is used.
- Commercial patio misters may operate only between 4:00 p.m. and midnight.

The City Manager or his/her designee monitors water supply, water system capacity and demand conditions to determine when to consider implementing additional conservation actions for the City's retail water customers as outlined in the demand, supply, and emergency triggers listed in Table 2.

Table 2. Demand, Supply and Emergency Triggers

	Trigger	Goal	Action^a	Irrigation Restriction^a	End Condition
Demand Triggers	300 million gallons per day (MGD) for 3 consecutive days	Reduce water use by 15% of 300 MGD	City Manager may order Drought Response Stage Two Regulations	1x/week (10-15 hours)	City Manager ends based on daily supply and demand of water
	320 MGD for one day	Reduce current water use by 15% of 320 MGD	City Manager may order Drought Response Stage Two Regulations	1x/week (10-15 hours)	City Manager ends based on daily supply and demand of water
Supply Triggers	Combined lake storage falls below 1.4 million acre-feet (MAF)	Reduce current water use by 5%	City Manager may order Drought Response Stage One Regulations	1x/week (13 hours automatic) 2x/week (30 hours hose-end)	Considered when combined storage reaches 1.4 MAF and expected to remain above 1.4 MAF for four months
	Combined lake storage falls below 900,000 acre-feet (AF)	Reduce current water use by 10 to 20%	City Manager may order Drought Response Stage Two Regulations	1x/week (10-15 hours)	Considered when combined storage reaches 1.1 MAF and projected to stay above 900,000 AF for four months ^b
	Combined lake storage falls below 600,000 AF or a drought worse than the drought of record is declared	Reduce water use by a minimum of 20% from a baseline approved by LCRA, which may account for City's conservation measures	City Manager may order Drought Response Stage Three Regulations or Additional Restrictions as necessary to meet pro rata curtailment requirements	1x/week (6 hours)	City Manager determines that condition is no longer required to meet mandatory curtailment targets; combined storage expected to remain above 600,000 AF for four months
Emergency Triggers	As determined by City Manager, system outage, equipment failure, contamination of water source or other emergencies	Reduce water use to levels deemed necessary	City Manager may order Emergency Stage Four Regulations or Additional Restrictions	Prohibited	City Manager ends based on daily water demand or the end of supply constraints

^a Detailed information about the watering schedule and additional conservation measures for each stage can be found in Appendix A

^b The City Manager may also base a determination to end regulations on other conditions and an assessment of all relevant circumstances which in the judgment of the City Manager merit such action.

Procedures for the granting of variances to the watering regulations are contained in the City of Austin Water Conservation Code and may be authorized if necessary to protect the public health and safety. Violations are subject to criminal and administrative penalties as provided in the Code. Additional requirements are included under the Water Conservation Code in City Code Chapter 6-4 and in rules adopted pursuant to that chapter.

Section IV: Wholesale Contract Provisions

New wholesale contracts include standard language requiring that the customer adhere to the City's Water Conservation Code. Generally, wholesale customers in a new contract are also required to establish a water conservation program similar to the one administered by the City. Customers with older contracts not requiring water conservation provisions are requested to voluntarily implement water conservation measures similar to those imposed by the City.

Pro rata curtailment shall be done in accordance with Texas Water Code §11.039. All new, renewed, or extended wholesale supply contracts will also include a provision that water shall be distributed on a pro rata basis in the event of a water shortage resulting from drought.

Enforcement actions for non-compliance with either the Water Conservation Code or pro rata water reductions by wholesale customers will vary according to the specifics of each wholesale customer's contract.

Section V: Public Involvement

Opportunities for Austin Water's retail and wholesale water customers to offer input into the development of revisions to the Water Conservation Code, including those relating to drought management included:

- A series of five public workshops to gather citizen, wholesale customer, and stakeholder feedback on potential changes to the current Water Conservation Code (Chapter 6-4 of City Code) and drought response measures to better regulate water use during future droughts. Input received during these workshops was used in revising the Water Conservation Code and developing the Plan,
- A survey at SpeakUpAustin.org for interested parties to leave feedback on revisions to the Water Conservation Code, and
- Presentations at meetings of the Austin Integrated Water Resource Planning Community Task Force, and the following City advisory boards: the Water and Wastewater Commission, and the Resource Management Commission. Their resolutions supporting the Plan are in Appendix C.

Section VI: Public Notification and Education

The City will provide its wholesale and retail water customers 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 press releases, newspaper advertisements, web page updates, presentations to community organizations and neighborhood groups, meetings with wholesale customers, and other outreach methods as appropriate. The City will also make water conservation-related public information materials, including brochures and program information, available to its wholesale water customers for distribution to their retail customers.

Section VII: Coordination with Regional Planning Groups (RPG)

The City of Austin has provided a copy of this Plan to the Lower Colorado Regional Planning Group (Region K). A copy of the transmittal letter to the planning group is provided in Appendix D.

Section VIII: TCEQ Notification

The City shall notify the executive director of the Texas Commission on Environmental Quality within five (5) business days of the implementation of any mandatory provisions of the Drought Contingency Plan.

Section IX: Plan Review and Updates

This Plan was developed to meet the requirements in 30 TAC § 288.20 and § 288.22 to submit a Drought Contingency Plan and provide the community and water customers with essential drought contingency response information, regulations, and services. The Plan will be reviewed at minimum every five (5) years and updated as needed based on major developments in Austin's water service area. The next scheduled plan review will occur in 2019.

APPENDIX A: Water Conservation Code

CHAPTER 6-4. - WATER CONSERVATION.

ARTICLE 1. - GENERAL PROVISIONS.

§ 6-4-1 - WATER USE MANAGEMENT PLAN.

This chapter establishes a Water Use Management Plan.

Source: Ord. 20120816-004.

§ 6-4-2 - DEFINITIONS.

Unless a different definition is expressly provided, in this chapter:

- (1) ACTION OF THE UTILITY means an action taken by Austin Water Utility pursuant to this chapter.
- (2) AQUATIC LIFE means a vertebrate organism dependent upon an aquatic environment to sustain its life.
- (3) AUXILIARY WATER means a water supply from a source other than Austin Water Utility's potable water supply.
- (4) AWU AUTHORIZED IRRIGATION INSPECTOR means an Irrigation Inspector licensed by the Texas Commission on Environmental Quality who has in addition both passed a director-approved class in landscape irrigation and has been awarded Austin Water Utility (AWU) Authorized Irrigation Inspector status in accordance with rules adopted pursuant to this chapter.
- (5) COMMERCIAL FACILITY means a site with five or more dwelling units, or a municipal, business, or industrial building and the associated landscaping, but does not include the fairways, greens, or tees of a golf course.
- (6) COMMERCIAL NURSERY means a facility where plant nursery stock, trees, seedlings, turf, shrubs, flowers, herbs, crops or other plant materials are cultivated, grown, stored, or maintained prior to retail consumer, installer, or reseller purchase, use, consumption, or installation of the materials at any location other than the commercial nursery.
- (7) COMMON AREA means an area held, designed, or designated for the common use of the owners or occupants of a townhouse project, planned unit development, apartment, condominium, mobile home park, or subdivision.
- (8) COSMETIC POWER WASHING means treatment or cleaning of a surface with specialized equipment that uses a spray of or directed water for the cosmetic cleaning of buildings, vehicles or other mobile equipment, or outdoor surfaces. It does not include industrial cleaning, cleaning associated with manufacturing activities, hazardous or toxic waste cleaning, or cleaning necessary to remove graffiti.
- (9) DESIGNATED OUTDOOR WATER USE DAY means the day during which a person is permitted to irrigate outdoors as prescribed in Section 6-4-13(E) (*Water Conservation Guidelines*).
- (10) DIRECTOR means the Director of the Austin Water Utility and includes a person the Director has designated to administer or perform any task, duty, function, role, or action related to this Chapter or on behalf of the Director.
- (11) DRIP IRRIGATION means a method of irrigation which is typically installed below ground and consists of porous piping that allows the application of water at a slow and constant rate.

- (12) DROUGHT CONTINGENCY PLAN means a strategy or combination of strategies for temporary supply management and demand management responses to temporary and potentially recurring water supply shortages and other water supply emergencies required by Texas Administrative Code Title 30, Chapter 288, Subchapter B.
- (13) FOUNDATION WATERING means an application of water to the soils directly abutting the foundation of a building, structure, or improvement on land.
- (14) HOSE-END SPRINKLER means an above-ground water distribution device that may be attached to a garden hose.
- (15) MULTI-FAMILY PROPERTY means property containing five or more dwelling units.
- (16) GOVERNMENT PROPERTY means property owned or operated by a federal, state, or local governmental unit, entity, agency, or subdivision for a public purpose.
- (17) NEW LANDSCAPE means vegetation:
- (a) installed at the time of the construction of a residential or commercial facility;
 - (b) installed as part of a governmental entity's capital improvement project;
 - (c) installed to stabilize an area disturbed by construction; or
 - (d) that alters more than 500 contiguous square feet of an existing landscape.
- (18) ORNAMENTAL FOUNTAIN means an artificially created structure from which a jet, stream, or flow of water emanates and is not utilized for the preservation of aquatic life.
- (19) PERMANENTLY INSTALLED IRRIGATION SYSTEM means a custom-made, site-specific system of delivering water generally for landscape irrigation via a system of pipes or other conduits installed below ground. These systems may integrate or utilize PVC pipe for water distribution.
- (20) PERSON means any natural person or legal entity such as an individual, business, partnership, association, firm, corporation, governmental, or other natural, business, or legal entity that receives, requests, manages, uses, maintains, or is responsible for water utility service at a service address, whether or not the person or entity is a customer or account holder of the Austin Water Utility.
- (21) PREMISE means the outdoor area of property not enclosed by fencing or walls or containing living areas, or areas for storing vehicles or other motorized equipment.
- (22) RECLAIMED WATER means reclaimed municipal wastewater that is under the direct control of the City treatment plants, satellite facilities, or a treatment plant with which the City contracts, and that has been treated to a quality that meets or exceeds the minimum standards of the 30 Texas Administrative Code, Chapter 210.
- (23) RESIDENTIAL FACILITY means a site with four or fewer dwelling units.
- (24) SOAKER HOSE means a perforated or permeable garden-type hose or pipe that is laid above ground that provides irrigation at a slow and constant rate.
- (25) TEMPORARILY INSTALLED IRRIGATION SYSTEM means a universally-applicable above ground irrigation system that commonly uses a flexible hose or hardened pipe to deliver water to a moveable water distribution device.
- (26) THE UTILITY means the Austin Water Utility.
- (27) VEHICLE WASH FACILITY means a permanently-located business that washes vehicles or other mobile equipment with water or water-based products, including but not limited to self-

service car washes, full service car washes, roll-over/in-bay style car washes, and facilities managing vehicle fleets or vehicle inventory.

- (28) XERISCAPE means a landscape which employs certain principles of design and installation which conserve water and energy and where the plant material, at mature growth, will provide, minimally, 50% of the new landscape's areal coverage. The plant material must consist of plants taken from a plant list provided by Austin Water Utility and identified as very low water usage and low water usage plants. The plant list may be amended as needed.

Source: Ord. 20120816-004; Ord. No. 20160505-003, Pt. 2, 5-16-16.

§ 6-4-3 - APPLICABILITY OF REGULATIONS; AFFIRMATIVE DEFENSES.

- (A) This chapter applies to a person who uses, directs, manages, or allows the use of potable water supplied by Austin Water Utility. The chapter does not apply to a person who uses, directs, manages, or allows the use of auxiliary water or reclaimed water unless the auxiliary water or reclaimed water is mixed with potable water supplied by Austin Water Utility.
- (B) It is an affirmative defense to a violation of this chapter that the use of water that gave rise to the violation was consistent with the agreed upon terms and conditions of a water service contract with a wholesale water customer and that the use did not constitute water waste.
- (C) It is an affirmative defense to a violation of this chapter that the use of water that gave rise to the violation properly utilized solely reclaimed water, did not endanger public health, safety, or property, and did not constitute water waste.
- (D) It is an affirmative defense to a violation of this chapter that the act or omission that gave rise to the violation occurred solely because a documented emergency that prevented strict compliance, and that the act or omission did not disrupt the availability of adequate water for other public emergency response or fire fighting or fire suppression purposes.

Source: Ord. 20120816-004.

§ 6-4-4 - COMPLIANCE REQUIRED.

A person may not use or permit the use of water in a manner that conflicts with the requirements of this chapter or in an amount greater than permitted by this chapter.

Source: Ord. 20120816-004.

§ 6-4-5 - FEES AND CHARGES.

- (A) Fees and charges assessed pursuant to this chapter shall be set by City Council under a separate ordinance or, where permitted, by the director by rule.
- (B) Fees and charges associated with enforcement of this chapter shall be clearly identified on the customer's utility billing invoice or on the order assessing the fee or charge, except as where otherwise provided by local ordinance or adopted rule.

Source: Ord. 20120816-004.

§ 6-4-6 - INSPECTIONS AND RIGHT OF ENTRY.

- (A) The Director or director's designee may:
- (1) conduct an inspection of any property, equipment or improvement to determine compliance with this chapter; and

- (2) require an owner, occupant, operator, manager, or user of a property, equipment, or improvement to correct a violation of this chapter.
- (B) The Director or director's designee may enter a commercial facility or premise to inspect the facility upon probable cause that a violation of this chapter may have occurred at the location, provided the Director or designee:
 - (1) presents official identification to an employee of the facility and expressly requests entry to inspect; and
 - (2) informs the employee of the facility of this section; or
 - (3) makes a reasonable effort to locate the owner of unoccupied property to request entry; or
 - (4) limits the inspection of commercial properties not opened for business at the time of inspection to areas accessible by the public during periods of business closure.
- (C) An inspection of a residential property shall be conducted from:
 - (1) areas accessible to the general public; or
 - (2) a restricted access area only after the Director or director's designee has presented official identification to the property manager, owner, occupant, or other representative, and obtained consent to enter a restricted access area.
- (D) If consent for entry necessary to conduct an inspection to determine compliance with this chapter is required but denied, withdrawn, limited, or impaired, the Director or designee may seek any recourse available under applicable law to obtain entry and inspection.
- (E) An employee may enter onto a privately owned common area for the purposes of conducting inspections. The designee may seek recourse to available law to obtain entry into areas with restricted access.
- (F) A person seeking a variance pursuant to Article II, Division 3 (*Variances: Alternative Compliance*) or participation in an Austin Water Utility Conservation Program provides a designee of the director the right to enter the subject premise to conduct inspections and investigations necessary to determine compliance with this chapter.
- (G) Conducting or failing to conduct an onsite inspection does not impose liability on the City, a City officer or employee, or a City representative for damage to a person or property.

Source: Ord. 20120816-004.

§ 6-4-7 - ADMINISTRATIVE RULES.

- (A) The director shall adopt administrative rules for the implementation of this chapter.
- (B) Before the director may adopt or amend a nonemergency rule, the director shall present for consideration the proposed rule to the Water and Wastewater Commission and the Resource Management Commission. In cases of emergency rule adoption, the director shall present the rule to the Water and Wastewater Commission and the Resource Management Commission as soon as practicable following emergency rule adoption.
- (C) The rules shall provide for a commercial facility irrigation evaluation program and will include provisions for the assessment and the collection of any associated fees.
- (D) The rules shall provide water efficiency standards for vehicle washing equipment.
- (E) The rules shall be available for inspection at the Austin Water Utility administrative offices during normal business hours.

- (F) Austin Water Utility shall maintain records of Irrigation Inspectors holding AWU Authorized Irrigation Inspector status in accordance with rules adopted pursuant to this chapter.

Source: Ord. 20120816-004; Ord. No. 20160505-003, Pt. 3, 5-16-16.

ARTICLE 2. - WATER USE MANAGEMENT.

Division 1. - Regulated Activities.

§ 6-4-10 - FACILITIES REGULATED.

- (A) Effective January 1, 2013, the owner of a commercial, multi-family residential or City municipal facility situated on property equal to or greater than 1.0 acre in size shall obtain an evaluation of any permanently installed irrigation system conducted at a frequency prescribed by rules adopted pursuant to this chapter. The irrigation evaluation shall, at a minimum:
 - (1) be conducted by an AWU Authorized Irrigation Inspector;
 - (2) be documented on forms provided by Austin Water Utility; and
 - (3) verify that the irrigation system operating on the property is a properly permitted system that complies with all applicable requirements of this chapter, rules adopted pursuant to this chapter, and other applicable technical codes.
- (B) Effective January 1, 2013, the operators of vehicle washing facilities shall provide an evaluation of all vehicle washing equipment conducted at a frequency prescribed by rules adopted pursuant to this chapter. The vehicle washing facility evaluation shall, at a minimum:
 - (1) be conducted by a licensed plumber of the vehicle washing facility's choice;
 - (2) be documented on forms provided by Austin Water Utility; and
 - (3) establish that the equipment is operating in compliance with equipment standards prescribed by rules adopted pursuant to this chapter.
- (C) Restaurants, bars, and other commercial food or beverage establishments may not provide drinking water to customers unless a specific request is made by the customer for drinking water.
- (D) Effective January 1, 2013, the owner or operator of a hotel, motel, short term rental or other establishment that offers or provides lodging or rental accommodations for compensation shall offer a towel and linen reuse water conservation option to its lodgers, renters, or customers and maintain in each applicable guest room, suite, or property informational signage to communicate information relating to this requirement and to offer the opportunity for guest participation.

Source: Ord. 20120816-004.

§ 6-4-11 - GENERAL REGULATIONS.

- (A) A person may not conduct a charity car wash unless it occurs at an authorized vehicle washing facility meeting the requirements of Section 6-4-10(B) (*Facilities Regulated*) utilizing only the equipment of the facility that complies with this chapter and any associated rules.
- (B) A person may not use commercially operated cosmetic power/pressure washing equipment unless it is fitted with a water recycling unit and a spray nozzle using no more than 3.5 gallons of water per minute and employing a working trigger shut-off with a protective weep mechanism.
- (C) A person may not operate an ornamental fountain unless the fountain utilizes recirculated water.

- (D) A person may not engage in foundation watering unless the watering occurs on a designated outdoor water use day for the property during the irrigation time period prescribed by this chapter or by rule.
- (E) Except for municipal uses associated with law enforcement or public health and safety, all new commercial developments or redevelopments located within 250 feet of a reclaimed water distribution line are required to obtain and utilize permitted connections to reclaimed water for irrigation, cooling, and other significant non-potable water uses.
- (F) A person may not use potable water for roadway base preparation or dust abatement work, applications, or other activity on any project or at any location where reclaimed water is available within one mile of the location or project site if the use of nonpotable or reclaimed water will not jeopardize public or environmental health or safety, including the safety of the location or health and safety of the project workers or residents. A person using reclaimed or nonpotable water must do so in accordance with all applicable health, safety, and environmental regulations, and the rules adopted pursuant to this chapter.

Source: Ord. 20120816-004.

§ 6-4-12 - WATER WASTE PROHIBITED.

- (A) The section prohibits the waste of water.
- (B) A person may not:
 - (1) fail to repair a controllable leak, including but not limited to a broken sprinkler head, a broken pipe or a leaking valve; or
 - (2) operate an irrigation system with:
 - (a) a broken head; or
 - (b) a head that is out of adjustment and the arc of the spray head is over a street, parking area, or other impervious surface; or
 - (c) a head that is misting because of high water pressure; or
 - (3) allow water flow during irrigation that:
 - (a) runs, flows, or streams in a way that extends into a street, parking area, or other impervious surface for a distance of 50 feet or greater; or
 - (b) allows water to pond to a depth greater than 0.25 inch in a street, parking area, or on other impervious surfaces.
- (C) It is an affirmative defense to a charge of a violation of Subsection (B) that the act or omission charged in the complaint occurred during necessary repair, testing, or calibration of a new or existing irrigation or plumbing system, that the person performing the system testing, repair, or calibration was present at the site at the time of the act or omission charged in the complaint, and that the irrigation or plumbing system and its testing, repair, or calibration work at issue complied at the time with all applicable regulations, permit and development approval requirements.
- (D) It is an affirmative defense to a charge of a violation of Subsection (B)(1) that the property where the leak occurred has been officially accepted into a government-assisted housing repair program, the condition is within the scope of repairs the government has agreed to fund or repair, and the person charged with the violation or the property where the violation occurs is not in default of any obligation of the government-assistance housing repair program at the time of the violation charged.

Source: Ord. 20120816-004.

§ 6-4-13 - WATER CONSERVATION GUIDELINES.

- (A) The director shall recommend and the city manager shall adopt water conservation guidelines that include:
 - (1) policies for compliance by city or other governmental departments; and
 - (2) the criteria for determining when a conservation stage takes effect or terminates.
- (B) The city manager shall update the guidelines if the city manager determines that changed conditions of the city's water supply system, regulatory obligations, or other environmental or situational factors warrant or necessitate guideline adjustment.
- (C) The city manager may order that the water use restrictions of Drought Response Stage One Regulations, Drought Response Stage Two Regulations, Drought Response Stage Three Regulations, or Emergency Stage Four Regulations take effect after determining that the order is necessary to protect the public health, safety, or welfare. The City Manager may base a conservation, drought, or emergency stage declaration or termination on any condition, occurrence, factor, or an assessment of all relevant circumstances that in the judgment of the City Manager support such action for any lawful purpose. The order is effective immediately following official public notice.
- (D) Water use regulations of the Water Conservation Stage (Section 6-4-15) remain in effect until such time as the city manager orders termination of the stage in accordance with section 6-4-13(C), (*Water Use Guidelines*). Unless a drought or emergency stage is expressly declared by order of the City Manager, water use regulations of the Water Conservation Stage (section 6-4-15) automatically resume by default immediately upon any ordered termination of any drought or emergency stage.
- (E) Any outdoor water use subject to the provisions of this Chapter shall occur only on a day designated for the applicable water use activity, property/facility type, and street number address classification indicated in the following table. A person may not conduct, authorize, or permit outdoor water use except in accordance with the designation schedule set out in the following table. In the following table, "EVEN" or "ODD" correspond to the street number of the physical property address where the outdoor water use occurs. The table below shall be referred to as "the Outdoor Water Use Schedule".

Conservation Stage and Drought Response Stage 1 Watering Schedule	
<i>Property Type</i>	<i>Watering Day</i>
Residential Property - Hose-end EVEN	Sunday and Thursday
Public Schools	Monday
Commercial/Multi family - Automatic EVEN	Tuesday
Residential - Automatic ODD	Wednesday
Residential - Automatic EVEN	Thursday
Commercial/Multi Family - Automatic	Friday

ODD	
Residential Property - Hose-end ODD	Wednesday and Saturday

Drought Response Stage 2 and Stage 3 Watering Schedule	
Property Type	Watering Day
Residential Property - Hose-end EVEN	Sunday
Public Schools	Monday
Commercial/Multi family - Automatic EVEN	Tuesday
Residential - Automatic ODD	Wednesday
Residential - Automatic EVEN	Thursday
Commercial/Multi Family - Automatic ODD	Friday
Residential Property - Hose-end ODD	Saturday

- (F) The director may order temporary modification or adjustment to the Outdoor Water Use Schedule in the event of an unusual water system operational event, catastrophic occurrence, severe weather event, or other emergency, disaster situation, or occurrence necessitating the adjustment. A temporary modification or adjustment to the Outdoor Water Use Schedule shall be effective immediately upon official public notice and shall continue in effect for a period not to exceed fifteen (15) consecutive days. The director shall provide official public notice of the date upon which any temporary modification or adjustment to the Outdoor Water Use Schedule expires and the standard Outdoor Water Use Schedule resumes.
- (G) The director shall monitor the daily supply and demand for water and make recommendations to the city manager about whether or when to implement or terminate water use restrictions in accordance with the Drought Contingency Plan in effect and kept on file with Austin Water Utility or when relevant to any other circumstances affecting continuity of service or public health, safety, or welfare.

Source: Ord. 20120816-004; Ord. No. 20160505-003, Pt. 4, 5-16-16.

§ 6-4-14 - EXEMPTIONS.

- (A) Exemptions under this subsection apply to Section 6-4-15 (*Water Conservation Stage*), Section 6-4-16 (*Drought Response Stage One Regulations*), Section 6-4-17 (*Drought Response Stage Two Regulations*), Section 6-4-18 (*Drought Response Stage Three Regulations*), and Section 6-4-19 (*Emergency Stage Four Regulations*) and are:
- (1) The use of water necessary to protect the health, safety, or welfare of the public;
 - (2) The use of reclaimed or auxiliary water that is not supplemented by or mixed with potable water supplied by Austin Water Utility;

- (3) Necessary use of water for lawful repair of a water distribution facility, flushing of utility lines or residential or commercial plumbing lines;
 - (4) Necessary use of water, other than for landscape irrigation, for a governmental entity performing a governmental function, including a capital improvement construction project;
 - (5) Use of water, other than for landscape irrigation, necessary to meet express requirements of federal, state, or local permits related to land development that include but are not limited to roadway base preparation, dust control, maintenance of trees subject to preservation restrictions or requirements, concrete or asphalt work, or modification or construction of improvements;
 - (6) Necessary washing or sanitizing to prevent public health or disease transmission risk associated with liquid, solid, or particulate residue in or on vehicles, containers, or equipment lawfully used to maintain, process, or transport food, perishables, garbage, liquid or solid waste, organic materials, or recyclables; or
 - (7) Water use immediately necessary for or related to fire fighting, fire prevention, or fire suppression activity or operations conducted because of actual risk to public or environmental health, safety, or welfare, life, or property associated with the presence of an uncontrolled fire on or approaching any person or property.
- (B) The following activities shall be exempt from the application of Section 6-4-15 (*Water Conservation Stage*), Section 6-4-16 (*Drought Response Stage One Regulations*), Section 6-4-17 (*Drought Response Stage Two Regulations*), and Section 6-4-18 (*Drought Response Stage Three Regulations*):
- (1) Outdoor irrigation:
 - (a) using a hand-held hose or refillable watering vessel;
 - (b) using drip irrigation;
 - (c) of trees using an automatic bubbler system or soaker hose placed within the drip-line of the tree canopy;
 - (d) of vegetable gardens using a soaker hose;
 - (e) of athletic fields used for organized sports practice, competition, or exhibition events when the irrigation is necessary to protect the health and safety of the players, staff, or officials present for the athletic event;
 - (f) immediately following a commercial lawn treatment application by an applicator who possesses required licensure as applicable for use of such substances including but not limited to fertilizer, pesticides, and herbicides, provided receipts documenting such application and the applicator's credentials are provided upon request to a designee of the director; or
 - (g) of plant material at a commercial nursery.
 - (2) Water use:
 - (a) necessary for repair or installation of a permanently installed landscape irrigation system when the person performing the irrigation work is present in the area of irrigation; or
 - (b) necessary for the repair, testing, or installation of an ornamental fountain when the person performing the testing, repair or installation is present.
- (C) The following activities shall be exempt from the application of Section 6-4-15 (*Water Conservation Stage*), Section 6-4-16 (*Drought Response Stage One Regulations*) requirements:

- (1) Water use necessary to comply with federal, state, or local land development permits requiring the establishment of new landscaping; and
- (2) Irrigation of areas documented on a City approved and released site plan as golf course fairways, greens, or tees.

Source: Ord. 20120816-004.

§ 6-4-15 - WATER CONSERVATION STAGE.

- (A) This section prescribes water conservation regulations and applies during the periods prescribed by Section 6-4-13(D) (*Water Conservation Guidelines*).
- (B) A person may not irrigate outdoors at a residential facility or a commercial facility except on a designated outdoor water use day for the location.
- (C) A person may not irrigate outdoors at a residential facility or a commercial facility between the hours of 10:00 a.m. and 7:00 p.m., even if the irrigation occurs on a designated outdoor water use day for the location.
- (D) A person may not operate a patio mister at a commercial facility except between the hours of 4:00 p.m. and midnight.
- (E) A person may not use or allow the use of water to wash or rinse an automobile, truck, trailer, boat, airplane, motorcycle, or other mobile equipment or vehicle, unless using a hose with a positive shutoff valve or a single, refillable vessel with water. A person commits a separate offense for each vehicle or piece of equipment washed in violation of this subsection. It is an affirmative defense to a violation of this subsection that the water use occurred at a vehicle wash facility for the water use charged in the complaint.
- (F) A person may not use or allow the use of water to wash, rinse, or treat any outdoor surface, including but not limited to a sidewalk, driveway, parking area, street, tennis court, patio, or other paved area or outdoor building surface, unless using a hose with a positive shutoff valve or a single, refillable vessel with water. A person commits a separate offense for each outdoor surface washed in violation of this subsection.

Source: Ord. 20120816-004; Ord. No. 20160505-003, Pt. 6, 5-16-16.

§ 6-4-16 - DROUGHT RESPONSE STAGE ONE REGULATIONS.

- (A) This section prescribes Drought Response Stage One regulations and applies during any Stage One period ordered by the city manager in accordance with Section 6-4-13(C) (*Water Conservation Guidelines*).
- (B) A person may not irrigate outdoors at a residential facility or a commercial facility except on a designated outdoor water use day for the location.
- (C) A person may not irrigate outdoors at a residential facility or a commercial facility with an automatic irrigation system between the hours of 8:00 a.m. and 7:00 p.m., even if the irrigation occurs on the designated outdoor water use day for the location.
- (D) A person may not irrigate outdoors at a residential facility or a commercial facility with a hose-end sprinkler system between the hours of 10:00 a.m. and 7:00 p.m., even if the irrigation occurs on the designated outdoor water use day for the location.
- (E) A person may not operate a patio mister at a commercial facility except between the hours of 4:00 p.m. and midnight.

- (F) A person may not use or allow the use of water to wash or rinse an automobile, truck, trailer, boat, airplane, motorcycle, or other mobile equipment or vehicle, unless using a hose with a positive shutoff valve or a single, refillable vessel with water. A person commits a separate offense for each vehicle or piece of equipment washed in violation of this subsection. It is an affirmative defense to a violation of this subsection that the water use occurred at a vehicle wash facility for the water use charged in the complaint.
- (G) A person may not use or allow the use of water to wash, rinse, or treat any outdoor surface, including but not limited to a sidewalk, driveway, parking area, street, tennis court, patio, or other paved area or outdoor building surface, unless using a hose with a positive shutoff valve or a single, refillable vessel with water. A person commits a separate offense for each outdoor surface washed in violation of this subsection.

Source: Ord. 20120816-004; Ord. No. 20160505-003, Pt. 6, 5-16-16.

§ 6-4-17 - DROUGHT RESPONSE STAGE TWO REGULATIONS.

- (A) This section prescribes Drought Response Stage Two Regulations and applies during any Stage Two period ordered by the city manager in accordance with Section 6-4-13(C) (*Water Conservation Guidelines*).
- (B) A person may not irrigate outdoors at a residential facility or a commercial facility except on the designated outdoor water use day for the location.
- (C) A person may not irrigate outdoors at a residential facility or a commercial facility with an automatic irrigation system between the hours of 5:00 a.m. and 7:00 p.m. even if the irrigation occurs on the designated outdoor water use day for the location.
- (D) A person may not irrigate outdoors at a residential facility or a commercial facility with a hose-end sprinkler system between the hours of 10:00 a.m. and 7:00 p.m. even if the irrigation occurs on the designated outdoor water use day for the location.
- (E) Operation of a charity car wash is prohibited. It is not a defense to a violation of this section that the charity car wash occurred on the designated outdoor water use day for the location.
- (F) A person may not use or allow the use of water to wash or rinse an automobile, truck, trailer, boat, airplane, motorcycle, or other mobile equipment or vehicle, unless using a single, refillable vessel with water. A person commits a separate offense for each vehicle or piece of equipment washed in violation of this subsection. It is an affirmative defense to a violation of this subsection that the water use occurred at a vehicle wash facility for the water use charged in the complaint.
- (G) A person may not irrigate a golf fairway unless the irrigation occurs between the hours of midnight and 5:00 a.m. or between the hours of 7:00 p.m. and midnight on the designated outdoor water use day applicable to the property. A person may irrigate a golf course green or tee every other day only if the irrigation of the location is consistent with a noticed exception establishing the schedule for the property submitted on forms required by Austin Water Utility and approved by the director.
- (H) A person may not operate an ornamental fountain with an aerial emission of water or aerial fall of water greater than four inches other than for aeration necessary to preserve habitat for aquatic life.
- (I) A person may not operate a patio mister at a commercial facility except between the hours of 4:00 p.m. until midnight.
- (J) A person may not use or allow the use of water to wash, rinse, or treat any outdoor surface, including but not limited to a sidewalk, driveway, parking area, street, tennis court, patio, or other paved area or outdoor building surface, unless using a hose with a positive shutoff valve or a

single, refillable vessel with water. A person commits a separate offense for each outdoor surface washed in violation of this subsection.

Source: Ord. 20120816-004; Ord. No. 20160505-003, Pt. 7, 5-16-16.

§ 6-4-18 - DROUGHT RESPONSE STAGE THREE REGULATIONS.

- (A) This section prescribes Drought Response Stage Three Regulations and applies during a period ordered by the city manager in accordance with Section 6-4-13(C) (*Water Conservation Guidelines*).
- (B) A person may not irrigate outdoors at a residential facility or a commercial facility except on a designated outdoor water use day for the location.
- (C) A person may not irrigate outdoors at a residential facility or a commercial facility with an automatic irrigation system between the hours of 6:00 a.m. and midnight even if the irrigation occurs on the designated outdoor water use day for the location.
- (D) A person may not irrigate outdoors at a residential facility or a commercial facility with a hose-end sprinkler system except between the hours of 7:00 a.m. and 10:00 a.m. or between the hours of 7:00 p.m. and 10:00 p.m. even if the irrigation occurs on the designated outdoor water use day for the location.
- (E) Operation of a charity car wash is prohibited. It is not a defense to a violation of this section that the charity car wash occurred on a designated outdoor water use day for the location.
- (F) A person may not use or allow the use of water to wash or rinse an automobile, truck, trailer, boat, airplane, motorcycle, or other mobile equipment or vehicle, unless using a single, refillable vessel with water. A person commits a separate offense for each vehicle or piece of equipment washed in violation of this subsection. It is an affirmative defense to a violation of this subsection that the water use occurred at a vehicle wash facility for the water use charged in the complaint.
- (G) A person may not irrigate a golf fairway unless the irrigation occurs between the hours of midnight and 5:00 a.m. or between the hours of 7:00 p.m. and midnight on the designated outdoor water use day applicable to the property. A person may irrigate a golf course green or tee every other day only if the irrigation of the location is consistent with a noticed exception establishing the schedule for the property submitted on forms required by the Utility and approved by the director.
- (H) The filling of spas is prohibited.
- (I) A person may not operate a splash pad except during the hours and subject to the restrictions set forth in a rule adopted pursuant this chapter.
- (J) A person may not operate a patio mister at a commercial facility except between the hours of 4:00 p.m. and 8:00 p.m.
- (K) A person may not operate an ornamental fountain with an aerial emission of water or aerial fall of water greater than four inches in distance other than for aeration necessary to preserve habitat for aquatic life.
- (L) A person may not use or allow the use of water to wash, rinse or treat any outdoor surface, including but not limited to a sidewalk, driveway, parking area, street, tennis court, patio, or other paved area or outdoor building surface, unless using a hose with a positive shutoff valve or a single, refillable vessel with water. A person commits a separate offense for each outdoor surface washed in violation of this subsection.

Source: Ord. 20120816-004; Ord. No. 20160505-003, Pt. 8, 5-16-16.

§ 6-4-19 - EMERGENCY STAGE FOUR REGULATIONS.

This section prescribes Emergency Stage Four Regulations and applies during a time period ordered by the city manager in accordance with Section 6-4-13(C) (*Water Conservation Guidelines*).

- (A) A person may not use or allow the use of water to irrigate vegetation outdoors.
- (B) A person may not use or allow the use of water to test or repair a permanently installed irrigation system or drip irrigation system.
- (C) A person may not use or allow the use of water to wash or rinse an automobile, truck, trailer, boat, airplane, or other mobile equipment.
- (D) A person may not use or allow the use of water to operate an ornamental fountain or structure making similar use of water, other than the aeration necessary to preserve habitat for aquatic life.
- (E) A person may not use or allow the use of water to fill, clean, rinse, supplement, operate or maintain a tub, spa, fountain, pond, pool, or other container, feature, or improvement used, designed, maintained, or intended for aesthetic, athletic, or recreational purpose. This does not apply to the filling of non-aerating birdbaths or animal watering containers.
- (F) A person may not operate a splash pad or other similar aesthetic or recreational use of water.
- (G) A person may not use or allow the use of water to wash, rinse, or treat any outdoor surface including but not limited to a sidewalk, driveway, parking area, street, tennis court, patio, or other paved area or outdoor building surface.
- (H) A person may not use or allow the use of water to operate a patio mister.
- (I) A person may not use or allow the use of water in or related to a chemical lawn treatment unless specifically authorized in accordance with Section 6-4-30(G)(2) (*Variance*).
- (J) A person may not use or allow the use of water for watering the ground around a building foundation to prevent or address foundation cracking except as specifically authorized in accordance with Section 6-4-30(G)(1) (*Variance*).

Source: Ord. 20120816-004.

Division 2. - Additional Restrictions.

§ 6-4-20 - DIRECTOR'S AUTHORITY TO IMPOSE ADDITIONAL RESTRICTIONS.

- (A) The director may implement mandatory water restrictions in addition to those prescribed by Article II, Division 1 (*Regulated Activities*) to protect public health, safety, welfare, infrastructure or available resources in the event of an unusual water system operational event, catastrophic occurrence, severe weather event, or other emergency, disaster situation, or occurrence necessitating additional restrictions.
- (B) The director may require municipal wholesale customers to curtail water use on a pro rata basis, in accordance with Section 11.039 (*Distribution of Water During Shortage*) of the Texas Water Code and as determined by any rules or plans adopted pursuant to this chapter.
- (C) The director may implement additional mandatory water use restriction effective immediately upon official public notice.

Source: Ord. 20120816-004.

Division 3. - Variances; Alternative Compliance.

§ 6-4-30 - VARIANCE.

- (A) The director may grant a variance from a requirement of this chapter if the director determines that special circumstances exist and that:
- (1) strict compliance with the provisions at issue adversely affects the health, safety, welfare or sanitation of the public, the applicant, or the environment; or
 - (2) strict compliance with the provisions at issue substantially threatens the applicant's primary source of income, the applicant is employing all reasonable water conservation measures, and approval of the variance will not result in water waste.
- (B) The director may not grant a variance from a requirement of this chapter based on an alleged adverse impact to the environment unless the applicant submits an environmental impact study, hydrological analysis, and additional data or documentation as required by the director to establish that the specific variance requested is necessary to avoid or mitigate a significant adverse impact on an endangered or listed protected plant, animal, or aquatic species or critical environmental feature present on the property or to maintain the traditional and natural character of a critical environmental feature.
- (C) The director may grant a variance from a requirement of Section 6-4-15 (*Water Conservation Stage*), Section 6-4-16 (*Drought Response Stage One Regulations*), Section 6-4-17 (*Drought Response Stage Two Regulations*), or Section 6-4-18 (*Drought Response Stage Three Regulations*) only if the applicant establishes at least one of the following:
- (1) an AWU Authorized Irrigation Inspector has determined that, due to its site- specific conditions, a site cannot be watered with an average coverage of 0.5 inches within the time limits prescribed by this chapter; and as applicable, a current irrigation system evaluation required pursuant to Section 6-4-10(A) (*Facilities Regulated*) is on file with Austin Water Utility; or
 - (2) the property owner or operator has a documented medical hardship or qualifying disability that prevents the person's strict adherence to a requirement of this chapter; or
 - (3) watering in a manner or at a time inconsistent with a requirement of this chapter is necessary for treatment of tree diseases or for pest control prescribed by a licensed arborist or pest control professional.
- (D) The director may grant a variance from a requirement of Section 6-4-15 (*Water Conservation Stage*), Section 6-4-16 (*Drought Response Stage One Regulations*), Section 6-4-17 (*Drought Response Stage Two Regulations*) or Section 6-4-18 (*Drought Response Stage Three Regulations*) for a newly installed landscape if:
- (1) the new landscaping is classified as Xeriscape in accordance with this chapter; and
 - (2) irrigation for the establishment of the Xeriscaping complies with the following:
 - (a) for the first 10 days following installation, irrigation is permitted daily before 10:00 a.m. and after 7:00 p.m.; and
 - (b) for the 11th through the 40th day following installation, irrigation is permitted twice per week before 10:00 a.m. and after 7:00 p.m.; and
 - (c) if the landscape installation is required in order to obtain a certificate of occupancy for a newly constructed single family home, the applicant shall provide a completed notice of irrigation variance to the director on the form provided by Austin Water at least one full business day before the landscape is installed.

- (3) A one-time extension of the approved variance may be granted by the director only upon the submittal by the applicant of a written request which demonstrates a clear need for the extension to establish the new landscaping.
- (E) The director may grant a variance to Section 6-4-19 (*Emergency Stage Four Regulations*) when:
 - (1) Watering is required to prevent or address foundation cracking. A variance approved pursuant to this subsection will specify a designated day for foundation watering and shall require the foundation watering to occur before 7:00 a.m. or after 7:00 p.m.
 - (2) Watering is necessary for the prescribed treatment of tree diseases or for pest control.
 - (3) Irrigation of athletic fields when irrigation is necessary to protect the health and safety of players and game officials.
- (F) The director may grant a variance from Section 6-4-11(E) (*General Regulations*) if site conditions are such that compliance would present a significant financial hardship or health risk to the applicant or the public.
- (G) A person may seek a variance by filing an application with the director and paying the associated fees established by separate rule. The director may require the applicant to provide information the director determines is necessary to evaluate the variance request. If the director approves a variance, the applicant shall keep a copy of the approval provided in a location on the subject property that is accessible and visible to the public.
- (H) A variance approved by the director must comply with Section 6-4-12 (*Water Waste Prohibited*).
- (I) A variance following its approval by the director may be immediately suspended or revoked by Austin Water Utility if the director or director's designee determines any of the following:
 - (1) a violation of the terms of the variance occurs at the location during the effective period of the variance;
 - (2) the application submitted to the director upon which the variance approval was based included false, misleading, incomplete, or inaccurate information or attachments; or
 - (3) the director declares an emergency recall of variances to control use or preserve supply based on protracted drought, unusual operational event, or other public necessity.

Source: Ord. 20120816-004; Ord. No. 20160505-003, Pt. 9, 5-16-16.

§ 6-4-31 - EXPIRATION OF VARIANCE.

A variance from a requirement of this chapter expires immediately upon the termination, completion, or resolution of the event, occurrence, condition, or activity for which the variance is granted or at a time specified by the director or director's designee.

Source: Ord. 20120816-004.

§ 6-4-32 - ALTERNATIVE COMPLIANCE.

- (A) The director may permit a person to comply with alternative water use restrictions after determining that:
 - (1) the alternative compliance meets or exceeds the intent of this chapter;
 - (2) the alternative compliance is specifically requested by the applicant in writing and the request demonstrates how compliance will be achieved through the alternative methods; and,
 - (3) the alternative compliance is expressly approved by the director.

- (B) Alternative compliance approved by the director must comply with Section 6-4-12 (*Water Waste Prohibited*).
- (C) If the director approves alternative compliance water use restrictions, the applicant shall keep a copy of the approval in a location on the subject property that is accessible and visible to the public.
- (D) Alternative compliance approved by the director may be suspended or revoked if the director finds any of the following:
 - (1) violation of a term or condition of the approved alternative compliance authorization;
 - (2) false, misleading, incomplete, or inaccurate information or documentation was submitted by the applicant in connection with the alternative compliance request and approval; or
 - (3) emergency conditions or unusual operational event or weather situation requires immediate suspension or revocation of the approved alternative compliance.

Source: Ord. 20120816-004.

ARTICLE 3: - ENFORCEMENT.

§ 6-4-40 - APPLICABILITY.

This article is applicable to all parts of this chapter.

Source: Ord. 20120816-004.

§ 6-4-41 - PRESUMPTION OF VIOLATION.

A person in whose name a water service account is held is presumed to be responsible for a violation of this chapter that occurs at the water service account location.

Source: Ord. 20120816-004.

§ 6-4-42 - PENALTY.

- (A) A person commits an offense if the person directs, performs, authorizes, requests, allows, assists, facilitates, or permits an act prohibited by this chapter or fails to perform an act required by this chapter. Each instance of a violation of this chapter is a separate offense.
- (B) An offense under this chapter may be enforced as an administrative violation as authorized by Texas Local Government Code Chapter 54 and all penalties related to administrative liability for such violations at the service location automatically added to the water service account pursuant to the approved fee schedule published by the director, or approved pursuant to Section 6-4-44 (*Non-Administrative Enforcement*), unless the account holder opts out of the automatic administrative fee additions to the account on a form provided by the director not later than January 1 of each year or within 30 days of establishing an account with Austin Water Utility, whichever is sooner.
- (C) A person alleged to be in violation of a requirement of this chapter shall receive notice in writing that shall, at a minimum, contain:
 - (1) the name of the responsible person ;
 - (2) the address of the alleged violation;
 - (3) a description of the alleged violation;
 - (4) notice of the administrative penalty assessment to the next monthly utility statement; and

- (5) information on the appeal process.
- (D) Notice shall be delivered via United States Postal Service first class mail or the customer's email address if the customer consents to service of such administrative assessment notices by email. Notice is presumed valid and received when forwarded to the postal or email address on file with Austin Water Utility for the water service account holder.

Source: Ord. 20120816-004.

§ 6-4-43 - ADMINISTRATIVE PROCESS.

- (A) A person appealing an enforcement action of Austin Water Utility may request an administrative review conducted by the director. A request for an administrative review must be made in writing to Austin Water Utility on or before the 20th day following the date of the notice of violation. The review shall take place on or before the 10th day following a request for appeal. The person shall be notified of Austin Water Utility's determination including the results of the review and instructions on how to request an administrative hearing.
- (B) A person appealing an administrative review decision may request a hearing conducted by a hearing officer appointed by the city manager.
 - (1) The person must request the administrative hearing in writing to the director on or before the 10th day following notice of the administrative review determination.
 - (2) Not later than the 10th day following a request for an administrative hearing, Austin Water Utility shall provide the person with information as to the time and place of the hearing. If the person fails to appear at the hearing, the person will be considered to admit liability and will be charged accordingly.
 - (3) A person who is found by a hearing officer to be liable for a violation of this chapter may appeal the liability finding by filing a petition in municipal court no later than the 31st day after the date of the hearing officer's determination. An appeal does not stay enforcement and collection of the judgment unless the person, before filing the appeal, posts a bond with Austin Water Utility in an amount equal to the amount of the liability assessment plus the appeal fee.
 - (4) If upon hearing the appeal from the hearing officer's liability finding the municipal court affirms or substantially affirms the liability finding, the utility will retain the appeal fee and apply the bond to the liability assessment previously determined. If the municipal court reverses the hearing officer's liability finding, the appeal fee and administrative assessment bond will be refunded to the account holder.

Source: Ord. 20120816-004.

§ 6-4-44 - NON-ADMINISTRATIVE ENFORCEMENT.

- (A) An offense under this chapter may alternatively be prosecuted in the Municipal Court as a Class C Misdemeanor:
 - (1) An offense that does not present a threat to health and safety or that is pled as a strict liability offense is subject to a fine of \$500.00 or less. Proof of a culpable mental state is not required;
 - (2) An offense that presents a threat to the health and safety of a person or the general public that is committed with criminal negligence is subject to a fine not to exceed \$2,000.00.
- (B) Proof of a higher degree of culpability than criminal negligence constitutes proof of criminal negligence.
- (C) Each day that a violation occurs or continues is a separate offense.

(D) Prosecution of an offense and enforcement of other remedies under this chapter are cumulative.

Source: Ord. 20120816-004.

§ 6-4-45 - SEVERABILITY.

It is hereby declared to be the intention of the city that the sections, subsections, paragraphs, sentences, clauses, and phrases of this chapter are severable and, if any phrase, clause, sentence, paragraph, subsection or section of this chapter shall be revoked or declared unconstitutional or unlawful by the valid judgment or decree of any court of competent jurisdiction, such declaration shall not affect any of the remaining phrases, clauses, sentences, paragraphs, subsection and sections of this chapter, since the same would not have been enacted by the city without the incorporation into this chapter of any such phrase, clause, sentence, paragraph, subsection or section declared or determined unconstitutional or unlawful.

Source: Ord. 20120816-004.

APPENDIX B: Water Use Triggers for Water Use Management Ordinance



MEMORANDUM

TO: Greg Meszaros, Director
FROM: Jane Burazer, Assistant Director, Austin Water
DATE: March 23, 2016
SUBJECT: Conservation Triggers

The purpose of this memo is to recommend water usage triggers for this summer under the Water Conservation Ordinance. As Stage I of the Water Use Management Plan mandates a twice/week outdoor watering schedule, Stage II will mandate a one day per week outdoor watering following the prescribed schedule in the rule.

Prior to the recent drought when the combined storage for the highland lakes triggered Stage II Water Use Restrictions, the conservation triggers had been based upon system capacities. The recommended triggers for Stage II Mandatory Water Use Restrictions for this summer are based on a system capacity of 335 MGD. The recommended triggers are:

3 consecutive days of water usage	300 MGD
1 day of water usage	320 MGD

Additional restrictions due to demand conditions will be at the discretion of the Director of Austin Water.

If you have any questions or need additional information, please call me


Jane Burazer, Assistant Director
Water & Wastewater Treatment Program
Austin Water

Concurrence:



Greg Meszaros, Director



Date

APPENDIX C: Resolutions in Support of Adoption of the Drought Contingency Plan

Water & Wastewater Commission

Resource Management Commission



The Water and Wastewater Commission convened in a regular meeting on April 13, 2016 at Waller Creek Center, 625 East 10th Street, Room 104, in Austin, Texas.

AGENDA

Commissioners:

William Moriarty, Chair
Christianne Castleberry
Mickey Fishbeck Maia
Jesse Penn

Chien Lee, Vice Chair
Nhat Ho
Travis Michel
Susan Turrieta

Melissa Blanding
Annie Kellough
Brian Parker

Staff in Attendance:

Greg Meszaros, Chris Chen, Rick Coronado, Kevin Critendon, Bill Stauber, Drema Gross, Joseph Gonzales, Anna Bryan-Borja, Garrett Cox, Dan Pedersen, Ayman Benyamin, Monica Joyner, Kristi Fenton, Alice Flora, Bart Jennings, Danielle Lord, Janet Atkinson, Teri Pennington, Tiger Davis, Gary Gold, Bryan Barnett, Stacy Lewis, Denise Avery and Felicia Cancino

Additional Attendees:

Martin Rumbaugh (AECOM)

A. CALL TO ORDER

Chair Moriarty called the meeting to order at 6:02pm.

B. CITIZEN COMMUNICATION

None

C. APPROVAL OF MINUTES

The May 9, 2016 WWW Commission meeting minutes were approved unanimously on Commissioner Blanding's motion and Commissioner Penn's second on 11-0 vote.

D. ITEMS FOR COMMISSION'S REVIEW AND RECOMMENDATION FOR APPROVAL TO CITY COUNCIL

1. Recommend approval of an amendment to the contract with **WHELAN SECURITY COMPANY, INC.** for additional unarmed security guard and patrol services, for an increase of \$1,479,126 not to exceed \$8,393,490. **Item passed unanimously on Commissioner Castleberry's motion and Commissioner Turrieta's second on a 11-0 vote.**
2. Recommend approval to award and execute a 36 month contract with **ATMOS RESEARCH AND CONSULTING** to provide consulting services for an evaluation of climate change impacts on hydrology in an amount not to exceed \$116,000. **Item passed unanimously on Commissioner Castleberry's motion and Commissioner Turrieta's second on a 11-0 vote.**

3. Recommend approval to award and execute a 36-month contract with **AUSTIN METAL AND IRON CO., L.P.**, or one of the other qualified offers to Request For Proposal SLW0507, for the sale of scrap metal in an estimated revenue amount of \$1,650,000, with three 12-month extension options in an estimated revenue amount of \$550,000 per extension option, for a total estimated revenue amount of \$3,300,000. This is a multi-department contract. **Item passed unanimously on Commissioner Castleberry's motion and Commissioner Turrieta's second on a 11-0 vote.**
4. Recommend approval of an amendment to the contract with **WASTEWATER TRANSPORT SERVICES, LLC** to provide sludge and sewage pumping, hauling, and disposal services for an increase of \$145,000 not to exceed \$1,000,000. **Item passed unanimously on Commissioner Castleberry's motion and Commissioner Turrieta's second on a 11-0 vote.**
5. Recommend approval to award and execute a contract with **RAFTELIS FINANCIAL CONSULTANTS, INC.** to conduct a comprehensive cost of service rate study for Austin Water in an amount not to exceed \$494,474. **Item passed on Commissioner Lee's motion and Commissioner Michel's second on a 10-0-1-0 vote with Commissioner Fishbeck Maia abstaining.**
6. Recommend approval to execute a construction contract with **PROTA CONSTRUCTION INC. /PROTA INC., JOINT VENTURE** (FH 67.92%) for the Spicewood Springs Pump Station Utility Improvements project in the amount of \$3,101,040 plus a \$310,000 contingency, for a total contract amount not to exceed \$3,411,040. (District 10) **Item passed on Commissioner Parker's motion and Commissioner Kellough's second on a 9-0-2-0 vote with Commissioner's Lee & Michel recusing.**
7. Recommend approval of a resolution authorizing the City Manager to apply for funding from the Texas Water Development Board (TWDB) for a low interest, multi-year loan in the amount up to \$80,195,000 as part of the TWDB's State Water Implementation Fund for Texas (SWIFT) loan program for the development and implementation of an Advanced Meter Infrastructure (AMI) system for Austin Water. **Item passed unanimously on Commissioner Kellough's motion and Commissioner Castleberry's second on a 11-0 vote.**
8. Recommend approval of a resolution authorizing the City Manager to apply for funding from the Texas Water Development Board (TWDB) for a low interest, multi-year loan in the amount up to \$86,980,456 as part of the TWDB's State Water Implementation Fund for Texas (SWIFT) loan program for the implementation of multiple capital improvement projects associated with Austin Water's wastewater and reclaimed water systems. **Item passed unanimously on Commissioner Blanding's motion and Commissioner Castleberry's second on a 11-0 vote.**

The City of Austin is committed to compliance with the American with Disabilities Act. Reasonable modifications and equal access to communications will be provided upon request. Meeting locations are planned with wheelchair access. If requiring Sign Language Interpreters or alternative formats, please give notice at least 2 days (48 hours) before the meeting date. Please call Felicia Cancino at the Austin Water Utility Department at 512-972-0114, for additional information; TTY users route through Relay Texas at 711

9. Recommend approval of a resolution approving the issuance by Travis County Water Control and Improvement District Number 10 of Unlimited Tax Bonds, Series 2016, in a par amount not to exceed \$45,970,000; and approving a substantial draft of the District's Bond Resolution and Preliminary Official Statement. **Item passed unanimously on Commissioner Castleberry's motion and Commissioner Turrieta's second on a 11-0 vote.**
10. Recommend approval of a resolution repealing Resolution No. 20120816-004 and adopting the Revised 2016 Drought Contingency Plan for Retail & Wholesale Public Water Suppliers. This plan is a requirement of the Texas Commission on Environmental Quality (TCEQ). **Item passed on Commissioner Kellough's motion and Commissioner Michel's second on a 10-1 vote with Commissioner Blanding voting against.**
11. Recommend approval of an ordinance amending Chapter 6-4 of City Code relating to water use Management, providing for permanent once-per-week irrigation for automatic irrigation systems, adding flexibility for hose-end irrigation and home car washing, and limiting waivers for new landscape irrigation to drought tolerant landscapes. **Item passed on Commissioner Kellough's motion and Commissioner Parker's second on a 10-1 vote with Commissioner Blanding voting against.**
12. Recommend approval of an ordinance amending the **Fiscal Year 2015-2016 Austin Water Operating Budget (Ordinance No. 20150908-001)** to increase the transfer in from the Capital Improvement Program (CIP) by \$7,900,000 and increase the transfer out appropriations by \$18,200,000; and amending the Fiscal Year 2015-2016 Combined Utility Revenue Bond Redemption Fund (Ordinance No. 20150908-001) to increase the transfer in from Austin Water Fund Operating Budget by \$18,200,000 and increase the other requirement by \$18,200,000 for debt defeasance. **Item passed unanimously on Commissioner Parker's motion and Commissioner Penn's second on a 11-0 vote.**
13. Recommend approval of an of a 24-month contract with **BRAD NORTON** and **WEBB & WEBB**, or one of the other qualified offers to Request For Proposal RMJ0305, for the administrative hearing officers for various City departments in an amount not to exceed \$124,000 each and combined, with two 24-month extension options in an amount not to exceed \$124,000 each and combined per extension option, for a total contract amount not to exceed \$372,000. This is a multi-department contract. Austin Water's portion of the requested authorization is \$4,400 for the 24 month period. **Item passed unanimously on Commissioner Castleberry's motion and Commissioner Turrieta's second on a 11-0 vote.**

E. VOTING ITEMS FROM COMMISSION

1. Election of Officers; Chair & Vice Chair
Commissioner Penn nominated Commissioner Moriarty as Chair & Commissioner Lee as Vice Chair. Commissioner Ho seconded the motion. Nominations passed unanimously on an 11-0 vote.

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Water & Wastewater Commission Regular Meeting
April 13, 2016

2. Budget Committee Members – Chair Appoints Members & Chair
Chair Moriarty appointed Commissioner Blanding as the newest member of the Budget Committee and kept Commissioner Fishbeck-Maia as Chair of the Budget Committee.
3. Pilot Knob & Affordable Housing Fee Waivers Resolution to Council
Commissioners postponed this item until the next meeting requesting staff from the Neighborhood Housing Dept.

F. REPORTS BY COMMISSION SUBCOMMITTEE

1. Austin Integrated Water Resource Planning Community Task Force
Chair Moriarty presented the information requesting Teresa Lute’s assistance also informing the Commission of the abbreviated name for the Taskforce and the Austin Integrated Water Resource Plan as *Water Forward*.
2. BCCP Citizens Advisory Committee
Commissioner Annie Kellough presented a brief update.
3. Joint Sustainability Committee
Commissioner Nhat Ho presented a brief update.

G. NON VOTING DISCUSSION ITEMS

None

H. STAFF BRIEFINGS, PRESENTATIONS, AND OR REPORTS

1. Energy Consumption / Reduction Research Update (requested by WWW Commission 8/2013 UT Interlocal Agreement) – Michael Webber, UT
Postponed by staff
2. Administrative Adjustment Policy & Resolution
Greg Meszaros, Director presented the information and addressed the Commissioners questions.
3. Austin Water Monthly Financial Status Report
Joseph Gonzales presented the information and addressed the Commissioners questions.

I. FUTURE AGENDA ITEMS

Pilot Knob & Affordable Housing Fee Waivers Resolution to Council

J. ADJOURN

Chair Moriarty adjourned the meeting at 8:01pm without objection.

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RESOURCE MANAGEMENT COMMISSION MINUTES – April 19, 2016

The Resource Management Commission (RMC) convened on Tuesday, April 19, 2016 at Town Lake Center, 721 Barton Springs Road, in Austin, Texas. The meeting was called to order by Chair Leo Dielmann at 6:10 p.m.

Commissioners in Attendance: Leo Dielmann (Chair), James Dwyer, Andrew Gill, Kaiba White and Michael Wong and Susanne Vaughn. Cyrus Reed and Shane Saum were not present at the Call to Order, but arrived shortly afterward. Luke Metzger and Gregory Santiago were absent. (Jennifer Cregar, Vice Chair, resigned on April 15, 2016.)

Staff in Attendance: Drema Gross, Daryl Slusher, Mark Jordan, Robert Stefani and Adam Smith of Austin Water; Debbie Kimberly, Denise Kuehn, Danielle Murray, Kurt Stogdill, Liana Kallivoka, Heidi Kasper and Toye Goodson of Austin Energy.

Mr. Dielmann announced the resignation of Vice Chair Jennifer Cregar on April 15.

- 1. APPROVAL OF MINUTES** – Approve minutes of the March 22, 2016 meeting. **Motion to approve by Chair Dielmann, seconded by Mr. Wong, passed on vote of 6-0 with Mr. Reed and Mr. Saum off the dais.**

Mr. Dielmann suggested consideration of agenda items related to Austin Energy followed by items related to Austin Water. Commissioners agreed on the following order: 2, 3a, 5a, 4, 5b, 3b, 3c, 6 and 7.

2. CITIZEN COMMUNICATION: GENERAL

There were no speakers.

3. NEW BUSINESS

- a. Recommend the issuance of a rebate to Fifth/Colorado JV, LLC, for the installation of energy efficiency measures at 201 West 5th Street, in an amount not to exceed \$82,929. **Motion to approve by Mr. Dwyer, seconded by Ms. Vaughan, passed on vote of 7-0 with Mr. Reed off the dais.**

5. STAFF BRIEFINGS AND REPORTS

- a. Austin Energy: Progress report regarding the Community Solar project by Debbie Kimberly, Vice President, Customer Energy Solutions, and Danielle Murray, Manager, Solar Program.

- 4. OLD BUSINESS** – Discussion and possible action on a “solar-ready” local amendment to the 2015 International Energy Conservation Code. Mr. Reed made a presentation “Making Austin Solar Ready.” Commissioners reviewed draft language for residential and commercial solar-ready amendments. No action was taken. Commissioners requested the discussion continue at next month’s meeting after staff solicited input from other stakeholders.

5. STAFF BRIEFINGS AND REPORTS (continued)

- b. Austin Water: Briefing on graywater systems by Robert Stefani, Conservation Program Specialist.

3. NEW BUSINESS (continued)

- b. Recommend approval of an ordinance amending Chapter 6-4 of City Code relating to water use management, providing for permanent once-per-week irrigation for automatic irrigation systems, adding flexibility for hose-end irrigation and home car washing, and limiting waivers for new landscape irrigation to drought tolerant landscapes. **Motion to approve by Mr. Dielmann, seconded by Ms. White, passed on vote of 8-0.**

- c. Recommend approval of a resolution repealing Resolution No. 20120816-004 and adopting the Revised 2016 Drought Contingency Plan for Retail & Wholesale Public Water Suppliers. This plan is a requirement of the Texas Commission on Environmental Quality (TCEQ). **Motion to approve by Mr. Dielmann, seconded by Ms. Reed, passed on vote of 8-0.**

- 6. ELECTION OF OFFICERS** – Election of Chair and Vice Chair (Terms: May 1 to April 30)
Motion to elect Mr. Dielmann as chair by Mr. Wong, seconded by Mr. Reed, passed on vote of 8-0. Motion to elect Mr. Reed as Vice Chair by Ms. White, seconded by Mr. Dielmann, passed on vote of 8-0.

7. FUTURE AGENDA ITEMS

Mr. Dielmann noted the discussion regarding the solar ready amendment would continue at next month's meeting. Ms. White requested data on graywater systems in the Austin Water service area. Mr. Reed requested a discussion on the goals for Texas Gas Service conservation programs.

ADJOURN – Mr. Dielmann adjourned the meeting without objection at 8:26 p.m.

APPENDIX D: Transmittal Letter to Regional Planning Group

John Burke, Chair
Lower Colorado River Authority (LCRA)
Attn: Region K
Mailstop L211
P.O. Box 220
Austin, TX 78767-0220

May 5, 2016

Dear Mr. Burke:

The enclosed Drought Contingency Plan, which updates the previously adopted 2012 Drought Contingency Plan, was developed by the City of Austin to fulfill Texas Commission on Environmental Quality (TCEQ) requirements for retail and wholesale water providers as outlined in Texas Administrative Code Title 30, Chapter 288. It is being forwarded to TCEQ.

If you have any questions on the enclosed plan please contact me at 512-974-2787.

Sincerely,

Drema Gross
Austin Water
Water Conservation Division Manager