



**Recommendation for
Resource Management Commission**

Commission Meeting Date:	November 17, 2020
Council Meeting Date:	December 10, 2020
Department:	Austin Water
SUBJECT	
<p>Recommend approval of an ordinance amending City Code Chapter 6-4 (Water Conservation) and City Code Section 15-9-241 (Utility Regulations) related to commercial and industrial cooling tower water efficiency performance standards, operations, registration, inspection and administrative requirements and penalties.</p>	
AMOUNT AND SOURCE OF FUNDING	
<p>Funding for the administration of these code changes is included in Austin Water's FY 2020-2021 Approved Operating Budget</p>	
Purchasing Language:	N/A
Prior Council Action:	August 16, 2012, Ord. 20120816-004; May 5, 2016, Ord. 20160505-003
For More Information:	Kevin Critendon, 512-972-0191; Mark Jordan, 512-974-3901;
Boards and Commission Action:	November 17, 2020 - To be reviewed and Resource Management Commission November 17, 2020 – To be reviewed by Water and Wastewater Commission
MBE/WBE:	N/A

The 2018 Austin Integrated Water Resources Plan – Water Forward – recommended the adoption of ordinances that would increase water use efficiency by the commercial, industrial and institutional (CII) water use sectors, specifically including cooling towers.

The proposed ordinance language would amend Chapter 6-4 (Water Conservation) by imposing administrative penalties of up to \$500 for failure to submit required cooling tower registration and annual inspection reports to ensure towers are meeting all water efficiency standards and equipment requirements. Assessment of administrative penalties for this program would be consistent with the current assessment of penalties under the Commercial Irrigation System Evaluation and Commercial Car Wash Certification programs. The proposed ordinance also includes an offense for submitting a false report or tampering with readout and reporting devices.

The proposed ordinance would also amend the inspection report requirements to include whether the tower is meeting additional water efficiency standards for drift eliminators and the addition of biocides to cooling tower recirculating water to prevent algae growth, thereby increasing water efficiency as well as protecting public health by preventing airborne bacteria. These measures are consistent with 1126.1 and E 403.5.2, respectively, of the 2015 Uniform Mechanical Code, International Association of Plumbing and Mechanical Officials (IAMPO), Standard 189.1, International Green Construction Code, of the American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and the 2020 Water Conservation Design Standards For State Buildings and Institutions of Higher Education Facilities, State Energy Conservation Office, Texas Comptroller of Public Accounts.

Finally, the proposed ordinance would amend City Code Section 15-9-241 (Utility Regulations) by providing that those who do not submit required registration and inspection reports would be ineligible to receive the evaporative loss credit on their wastewater bills.

A virtual stakeholder workshop was held on September 23, 2020, to present the proposed code changes and solicit feedback from affected parties. The workshop was attended by over 50 individuals. Additionally, the proposed code changes were posted to a SpeakUp Austin! website. Staff received only limited feedback and input through these events and have addressed the questions presented in the outreach.