

City of Lakewood

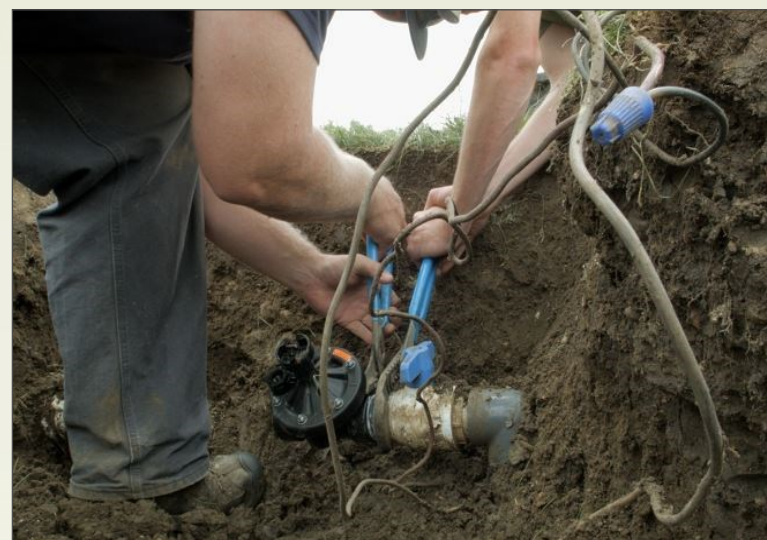
SUSTAINABILITY AWARDS

2019

BRUCE PEOPLES ECO-EMPLOYEE AWARD

Lakewood Parks Water Conservation

Jerry Spawn, Todd Pereboom, Andrew Arnold



The Lakewood Parks Division has been implementing innovative water conservation efforts in Lakewood's parks since the drought of the early 2000s. Recently, Parks staff completed an upgrade of its Central Irrigation System by replacing controllers and other hardware and implementing new software to operate the system. The Central Irrigation System allows total control programming, monitoring, and management of multiple irrigation systems, all from one central location. This means roughly 180 irrigation controllers located throughout the city relay their information back to a centralized computer, where irrigation managers can monitor and manage water flows. At some of Lakewood's larger park sites, the system has prevented the loss of more than 500 gallons per minute, during pipe breakages. This has helped the city avoid the loss of tens of thousands of gallons of water in one night. The system's ability to shut off irrigation across the city during a rain event also saves an average of over two million gallons of water per night.

The impact of this project was possible because these employees took the time to educate themselves, effectively communicate the importance of the project, and adapt during project implementation. Jerry, Todd and Andrew inspire all of us to find innovative approaches to our work so we can truly make Lakewood a sustainable community.

Achievement Areas

- Climate Change & Adaptation
- Energy, Water, & the Built Environment
- Zero Waste



Lakewood.org/green

