

**SUMMARY OF
INTERAGENCY AGREEMENT BETWEEN
THE CITY AND COUNTY OF DENVER AND DENVER WATER**

The Denver Water Board of Water Commissioners (the Board) and Denver Parks and Recreation (Parks), together “the Parties,” recognize that they serve many of the same customers and residents and that there are several areas in which they can cooperate to attain their individual and joint goals. The Parties have a history of cooperative efforts and they wish to continue such cooperation to the mutual benefit of their customers and residents through an Interagency Agreement. The following items will be included in the Agreement:

Wellshire Golf Course

- Wellshire Golf Course is owned and operated by the City and County of Denver.
- Parks currently irrigates Wellshire Golf Course with raw water from the High Line Canal under the Antero Reservoir Certificate and the High Line Canal Certificate.
- Raw water deliveries from the High Line Canal are very inefficient as a significant amount of seepage and evaporation occurs in the process. For example, in order to receive 100 gallons of water to irrigate Wellshire Golf Course, Parks must run 1,000 gallons of water through the High Line Canal. This means only about 25% of the water running through the canal reaches its destination.
- This Agreement will allow Wellshire Golf Course’s water source to be switched from High Line Canal raw water to a potable water source provided by Denver Water. This will be a much more reliable and efficient source of water than the deliveries Parks currently receives through the High Line Canal.
- Parks and the Board will work together to install the necessary infrastructure to switch Wellshire Golf Course from High Line Canal raw water to the potable source from Denver Water.
- Parks and the Board will work together on efficiency measures (irrigation improvements and turf conversion) to ensure Parks is using water effectively and efficiently throughout the golf course.

Harvard Gulch

- Harvard Gulch Complex (Harvard Gulch Park, Harvard Gulch North Park, and Harvard Gulch Golf Course) is a Denver park that currently uses potable water for irrigation.
- Parks and the Board have come to an agreement that it will be more efficient and cost effective to irrigate the Harvard Gulch Complex with raw water from the City Ditch than with potable water.
- In order to make this transition, Parks and the Board will work together to provide the necessary infrastructure to deliver water from the City Ditch to a pond in Harvard Gulch Park.

Denver Water Aquifer Storage and Recovery

- The Board is developing a pilot project to determine if Aquifer Storage and Recovery (ASR) could be a potential storage mechanism for the future to increase water supply by using the Denver Basin aquifer as a reservoir.
- ASR is the injection of potable water into a non-tributary confined aquifer during wet years and the subsequent pumping of water when needed during dry years.
- Parks and the Board have agreed to work jointly to evaluate Parks' golf courses to locate a suitable ASR pilot project site in Denver.

Parks Central Control Master Plan

- Parks manages over 2,900 acres of irrigated landscape which includes more than 350 sites, including golf courses.
- There is a wide variety of irrigation systems used throughout the Parks system.
- One type of system is called "Central Control," which is a centralized irrigation management system that can adjust to changing weather conditions, adjust priorities, and identify leaks from a central location.
- Parks and the Board have agreed to cost share to implement the installation of the Central Control system in three maintenance districts: Kenyon, Ruby Hill, and Washington Park.
- The Parties have agreed to convert the districts to Central Control in three phases, beginning with Kenyon. Parks will track results of conversions in the Kenyon District including the cost of materials, labor and equipment, staff training, staff time and net water saving due to implementation of the Central Control system.
- If Parks and the Board are satisfied with the results of the conversion of Kenyon to Central Control, the Parties will work to convert Ruby Hill, and then Washington Park, to Central Control.

Parks Water Management Plan

- Parks developed and adopted a Water Conservation Plan in 2003.
- Parks will update this plan, including accomplishments and lessons learned, into a comprehensive Water Management Plan.
- Parks and the Board will create a core team that will update the 2003 Water Conservation Plan into the Water Management Plan.
- The Plan will include: the amount of water needed for efficient irrigation of each park, a drought plan, development of billing software to ensure accurate reporting, a water waste resolution process, an updated Horticulture Renovation program which will guide landscape conversions with the aim of reducing water consumption, and design standards that promote sustainable park systems.

Recycled Water Conversions

- The Board operates a recycled water and distribution system that delivers non-potable water to certain customers, including Parks.
- The Board has required certain irrigation customers, including Parks, to convert to the recycled water system when feasible.
- The rate for recycled water is approximately 12% of the rate for potable water.
- Parks and the Board will work together through the Recycled Water Conservation Program to complete 300 acre-feet of irrigation retrofits to recycled water between 2017 and 2022.
- The Board will develop a pilot surcharge program of up to 300K annually during 2017-2019 to assist with the retrofits.
- Parks will repay the funds made available by the Board through a fee assessed to the recycled water bill for each park that has been converted to recycled water.
- If the Parties determine that the Recycled Water Conversion Program is successful, the Board will contribute up to 300K annually for three more years, during 2020-2022, under the same repayment mechanism.

General Provisions

- The Board has agreed to provide water rights engineering advice and legal counsel to Parks.
- In addition to the several areas of cooperation outlined above, the Parties have agreed to continue to explore opportunities for mutually beneficial arrangements.
- The Board's water supply is dependent upon natural water resources that are variable in quantity of supply from year to year.
- Parks agrees to engage in a good faith effort to conserve water delivered under this Agreement in a manner generally consistent with the Board's water conservation plan.
- This Agreement will become effective ("Effective Date") upon execution by all required signatories.