

## Denver Water Aquifer Storage and Recovery Study

September 22, 2021

Dear Neighbor,

We are writing to inform you about Denver Water's Aquifer Storage and Recovery project beginning October 2021. Aquifer Storage and Recovery, or ASR, is the storage of clean, potable water in an aquifer for later recovery and use. Many liken the concept to a savings account — water “deposits” can be made during wet years and stored indefinitely. During periods of dry weather, “withdrawals” can ease the burden on other water supplies.

Denver Water is exploring how ASR may contribute to delivering high-quality drinking water to our customers far into the future. As part of this study, crews will drill an exploratory test well and collect data on the underlying aquifer at Denver Water's facility in Congress Park.

**What:** Denver Water crews will drill a test well. We will then perform tests to help us understand how well the aquifer stores water, what happens to the water quality after it has been stored in the aquifer and how easily water can be withdrawn. Neighbors can expect drilling to occur 24 hours a day, seven days a week for approximately six to eight weeks.

**When:** We expect the project to start in October 2021. A door hanger notice will be placed on your front door prior to mobilization.

**Where:** Denver Water's Capitol Hill facility in Congress Park at Josephine Street and East 9<sup>th</sup> Avenue.

**Why:** Denver Water is responsible for securing reliable sources of water to meet our customers' future needs. ASR may have advantages over other long-term supply options as it tends to be comparatively less costly, less impactful to communities and less challenging from a permitting standpoint. Studying the feasibility of using ASR is part of our “all of the above” strategy, which includes conservation, expanding sources of supply, recycling water and more to ensure we can meet the future needs of customers in our service area.

**Impacts:** Out of respect for our neighbors, Denver Water pledges to minimize noise and light impacts to the neighborhood during this project. Noise mitigation will include sound walls to limit audible noise levels as well as continual noise monitoring. The sound walls, which will be 16-foot-tall, are expected to limit audible noise levels to being comparable to the sound of a dishwasher running in the next room.

**DENVER WATER'S GOOD NEIGHBOR COMMITMENT:** Denver Water is committed to being a good neighbor during construction. Please visit [denverwater.org/GoodNeighbor](https://denverwater.org/GoodNeighbor) for more information on safety, equipment placement, construction hours, water interruption and other project impacts.



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During the project, you will see a drilling rig on-site, along with increased activity in the area. Construction traffic will enter through the existing facility entrance.

**Contact:** For questions related to this project, please contact Denver Water Customer Care at 303-893-2444 (Monday–Friday, 7:30 a.m.–5:30 p.m.). for any after hour emergencies, please contact Denver Water dispatch at 303-628-6801. Visit [denverwater.org/ASR](http://denverwater.org/ASR) for more information about ASR.

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