

North Campus

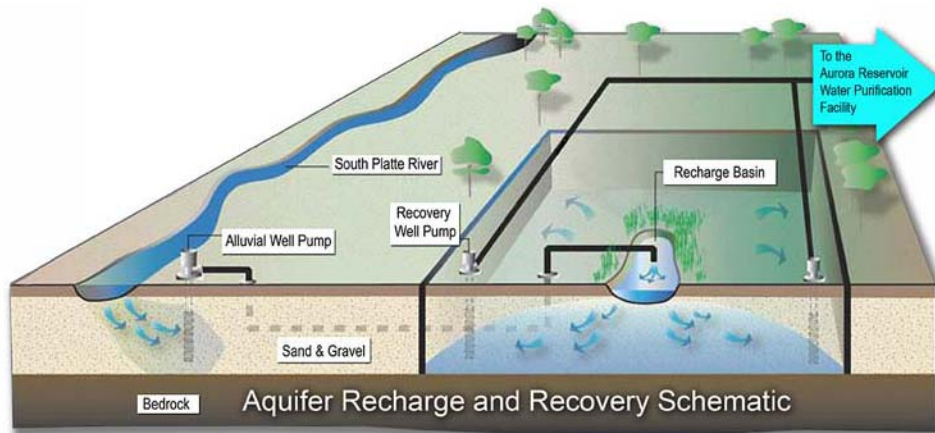
The Prairie Waters Project begins at the North Campus, which is located along the South Platte River in south Weld County. Water that the city of Aurora already owns from the South Platte River is indirectly diverted from the river by wells along the river's bank. The wells slowly pull the water through the riverbank during a process known as riverbank filtration (RBF). Following this initial stage, water is then pumped into protected aquifer recharge and recovery (ARR) basins. While in these basins, the water further percolates with the area's natural sand and gravel, resulting in additional natural purification. After the innovative natural purification process, the water will be pumped through collector wells and piped to a new treatment facility near the Aurora Reservoir.



"The partnership being developed by the Central Colorado Water Conservancy District and the city of Aurora has been critical in allowing wells in Adams, Morgan, and Weld counties to continue to operate."

*Tom Cech, Director
Central Colorado Water Conservancy District*

North Campus



- The North Campus is located on approximately 200 acres.
- Landscaping surrounding the facility will use native prairie grass and vegetation to complement the rural surroundings.
- Riverbank filtration and aquifer recharge and recovery let nature do much of the water filtering work by using the area's unique sand and gravel to provide the first step to purification.

*Gary Amy, Ph.D.
Professor of Water Supply and Sanitation, UNESCO-IHE,
Institute for Water Education*

“Aurora’s Prairie Waters Project is truly on the cutting edge of new approaches to treating drinking water with a multi-barrier approach that includes a robust natural treatment process: aquifer recharge and recovery ... The ARR process will be designed and operated to provide treatment performance for removal of emerging substances that is equivalent to more expensive advanced treatment processes (e.g., reverse osmosis). I urge the stakeholders of the service area to embrace this exciting new vision of safe drinking water treatment, which couples high performance with sustainability.”