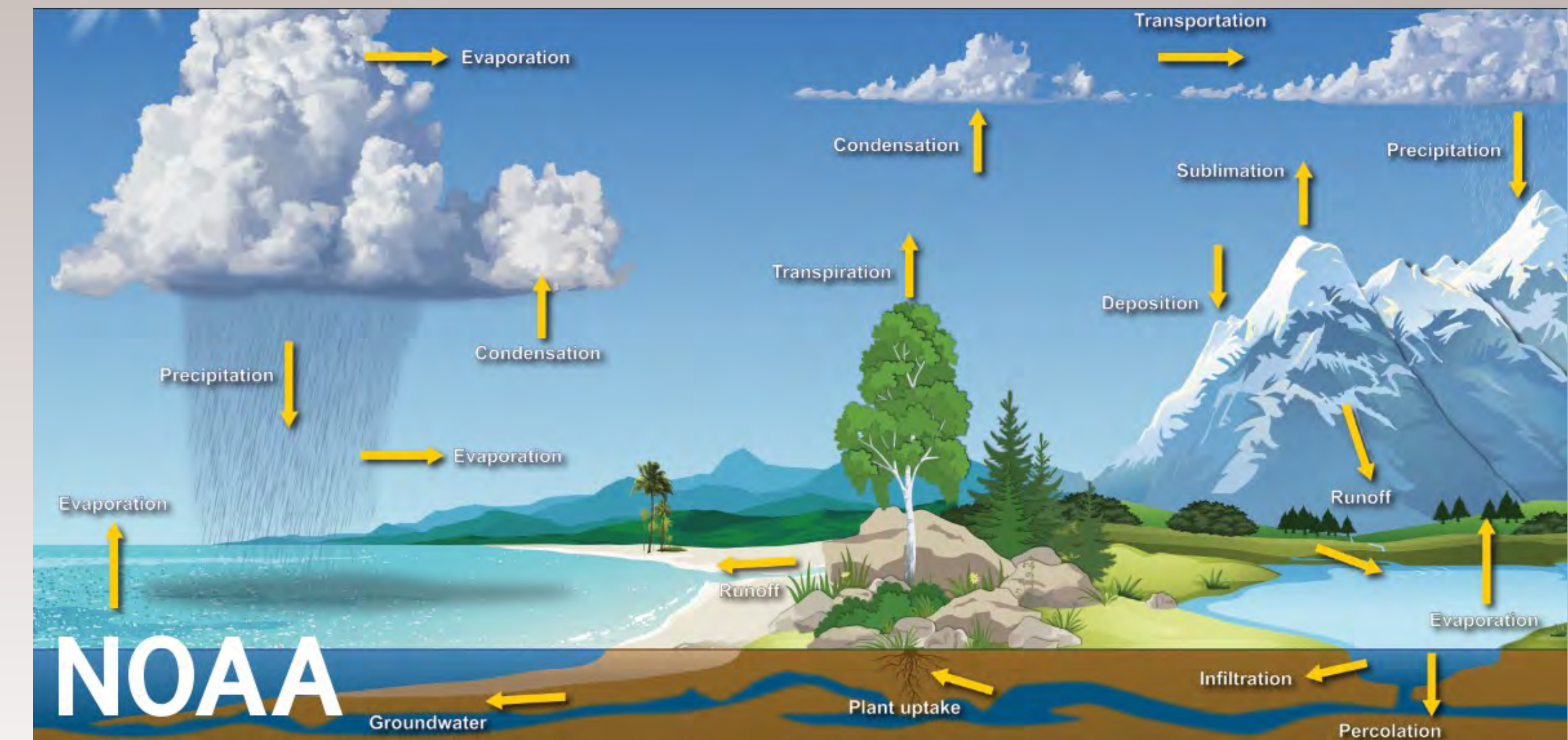


# THIS PARKING LOT & RINK FILTERS STORMWATER AND RECHARGES INTO GROUNDWATER

In 2021, the Department of Conservation and Recreation (DCR), with assistance from the Boston Water and Sewer Commission, reconstructed the Bajko Rink and Olsen Swimming Pool Parking Lot. This new parking lot incorporates a Low Impact Development (LID) stormwater management system that collects, cleans and recharges rainwater that falls on the parking lot and a portion of the rink roof into the ground where it is naturally treated.

Locations of the New Infiltration Systems (in blue)



Water Cycle

The New Stormwater Management System Provides storage capacity for approximately 205,000 gallons of collected stormwater in two separate infiltration systems. This volume is roughly equal to the volume of water within the Olsen Pool.

The benefits of this new stormwater management system include:

- Improved Water Quality. Using LID practices will reduce pollutant-laden stormwater reaching local waters.
- Provides Climate Adaptation. The projected continued increased frequency of large precipitation events due to climate change will result in an increase in stormwater runoff from paved surfaces and more frequent flooding of receiving waters. Recharging stormwater will reduce flooding and erosion in these receiving water bodies.
- Restored Aquatic Habitat. Using LID practices reduces the amount of stormwater reaching a surface water system and helps to maintain natural stream channel functions and habitat.
- Improved Groundwater Recharge. Runoff that is quickly shunted through drains and into surface waters cannot soak into the ground. LID practices retain more rainfall on-site, allowing it to enter the ground and be filtered by soil as it seeps down to the water table where it contributes to the natural Water Cycle.



Construction of Underground Infiltrator Units