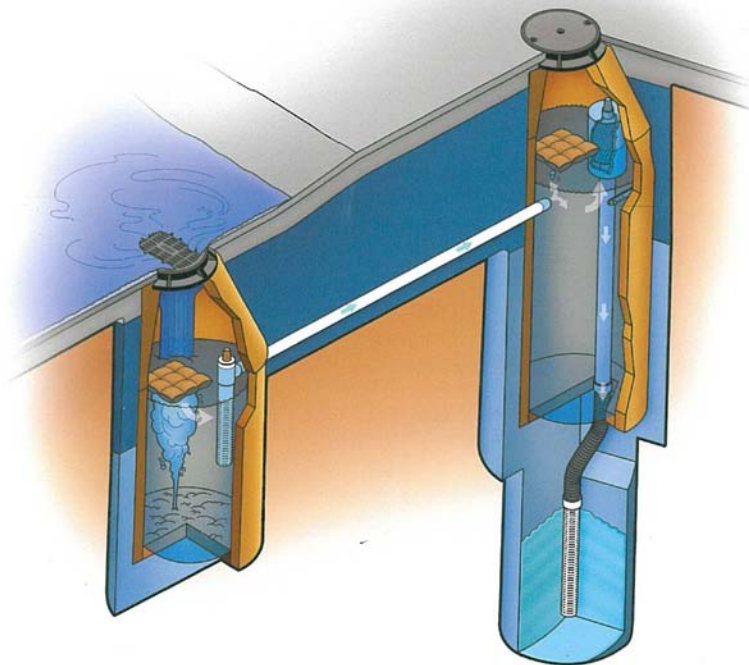


## Anaheim Infiltration Well Pilot Project

The City of Anaheim has received \$230,000 in funding to install a large diameter infiltration well to capture, treat and infiltrate stormwater runoff as well as to conduct follow-up analyses to determine any impacts to groundwater quality. Funding for the project will be provided through an agreement with the State Water Resources Control Board which received funding through the American Recovery and Reinvestment Act of 2009.

Infiltration of stormwater has the potential to provide multiple benefits. Primarily, stormwater can recharge the groundwater basin and help to sustain this valuable resource. This project also helps to relieve a ponding problem at our Utilities Services Center and eliminates the need to utilize a diesel powered portable pump. In addition, infiltrating the water will help reduce flows to the storm drain system and reduce the potential for contaminant transport, flooding, and erosion. The project will include the installation of groundwater monitoring wells to help evaluate whether infiltration of stormwater has any impacts on groundwater quality. If this pilot project is successful, these types of infiltration wells may be installed in other locations.



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A system similar to the one shown here will be installed as part of this project. As stormwater enters the chamber on the left, it passes through a hydrocarbon filter and heavy particles settle out. As water levels rise, it spills over into the infiltration well (chamber on the right). This well allows water to infiltrate into the soil. Eventually, the infiltrated water makes its way down to the groundwater table where it helps to sustain local drinking water aquifers.