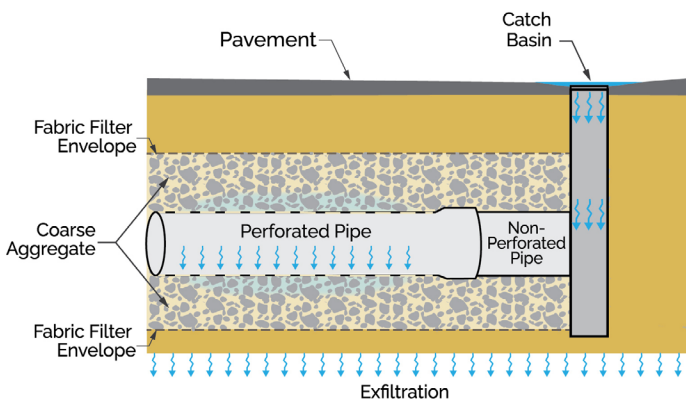


**Project updates are provided bi-monthly.**  
 For the latest updates, visit: [www.fortlauderdale.gov/fortifylauderdale](http://www.fortlauderdale.gov/fortifylauderdale)

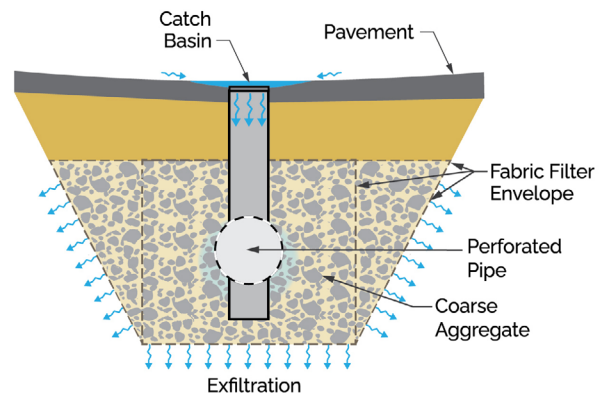
## Exfiltration Trenches in Stormwater Management: Enhancing the City's Infrastructure

As part of the Fortify Lauderdale initiative and the City's commitment to improving water quality and managing stormwater effectively, the City is implementing a range of best management practices (BMPs), guided by policies from the Florida Department of Environmental Protection (FDEP), South Florida Water Management District (SFWMD), and Broward County's Resilient Environment Department (BCRED). These practices help reduce runoff and prevent pollutants from entering water systems, benefiting both the environment and our community.

One type of BMP includes the use of exfiltration trenches. These systems consist of perforated pipes buried in trenches filled with stone or aggregate. Exfiltration trenches offer environmental benefits by allowing runoff to gradually infiltrate the soil and recharge groundwater.



**Longitudinal Section**



**Cross Section**



## Improvements in Action

With the ongoing stormwater improvement projects, the City is actively working to replace damaged or clogged exfiltration trenches. The City's approach is to use a combination of exfiltration trenches and pipe systems where feasible and where they will be most efficient, optimizing performance of the stormwater management system. This will enhance the City's infrastructure while supporting its environmental goals.

Through this thoughtful approach, the City continues to improve its stormwater management system as part of the Fortify Lauderdale initiative.