



# A Cleaner, Clearer Source



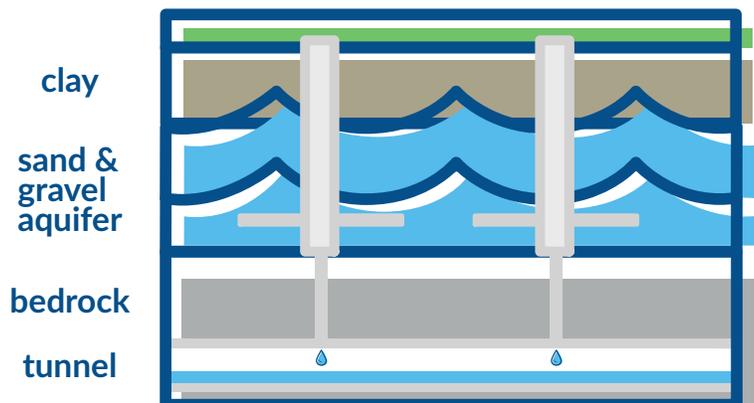
## The Future of Louisville pure tap®

In Louisville the water is so good it has a name—Louisville pure tap®. And while it has won countless quality and taste testing awards, it's time to make sure future generations have access to the same safe, great tasting pure tap water.

To do this, imagine if we started with water from a cleaner, clearer source. And imagine if there was a way to do all this with significantly less treatment. There is and we're already doing it with a technique called Riverbank Filtration.

## What is Riverbank Filtration?

With Riverbank Filtration, Ohio River water is naturally filtered by the earth. Groundwater, most of it seeping from the Ohio River, flows through a layer of sand and gravel—called an aquifer—and sediment, pollutants and contaminants are naturally removed. Capturing this water allows us to begin with a purer source to create your drinking water.



## The Louisville Water Company



## A History of High Quality Water

Louisville Water Company has been a world leader in providing safe, great tasting, reliable water. That's why we've continued our search for a purer source.



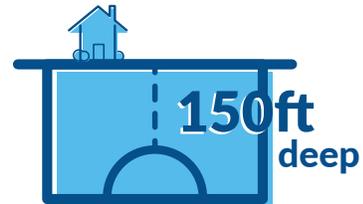
We're currently using Riverbank Filtration at our B.E. Payne Treatment Plant and in 2011 it won the Civil Engineering Achievement of the Year award. Now we're looking to expand Riverbank Filtration technology to the Crescent Hill Water Treatment Plant with the PureSource Tunnel Project.



## How does Riverbank Filtration work?

Collector wells are sunk 100 feet into the ground along the riverbank. The naturally filtered water moves into the wells and then drops into a 12-foot diameter tunnel. The tunnel is carved from the bedrock below the wells- nearly 150 feet in the ground. The only thing visible above ground is a pump station that pulls this cleaner, clearer water into the treatment plant. Because it's a purer source, the water from the tunnel needs less treatment.

Tunnel  
Specs



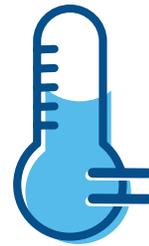
## Advantages of Riverbank Filtration?



Has fewer pathogens, pesticides, herbicides and pharmaceuticals that can sometimes be in the river water.



Provides additional layer of protection.



Helps prevent main breaks by remaining at a constant year-round temperature.



## What's next?

Soon Louisville Water Company will decide when to begin the PureSource Tunnel Project for the Crescent Hill Water Treatment Plant.

**pureSource**  
TUNNEL PROJECT

Learn more at  
[LouisvilleWater.com](http://LouisvilleWater.com)

