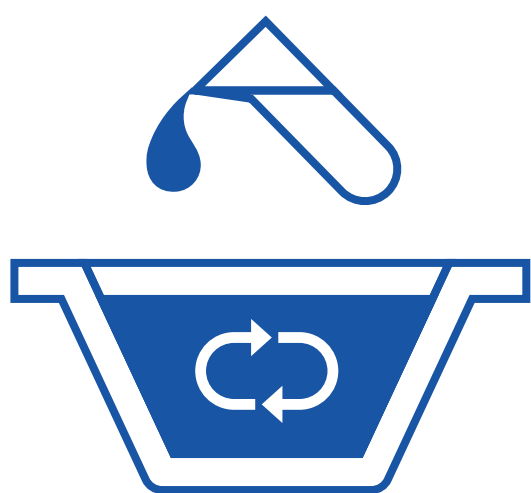


# THE MUNICIPAL LANDFILL PFAS PIPELINE



## LEACHATE COLLECTION SYSTEM

Most municipal landfills have a leachate collection system designed to prevent direct contamination. This PFAS-contaminated leachate is piped to the local wastewater treatment plant for processing.



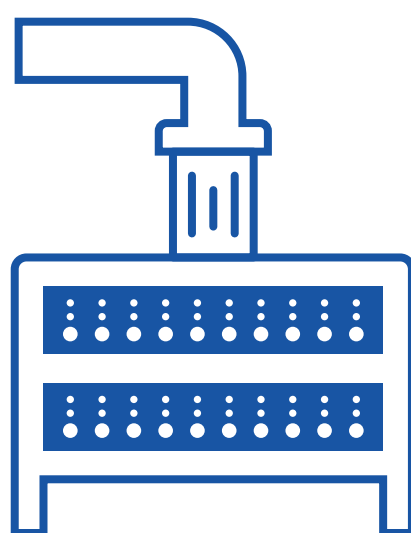
## MUNICIPAL WATER SUPPLY

Effluent from the wastewater treatment facility is released into local waterways where it eventually enters the municipal water supply.



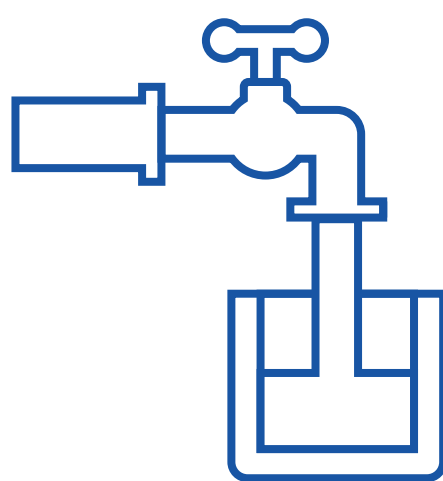
## CONSUMER AND INDUSTRIAL WASTE

Waste products containing PFAS from consumers and industry have been disposed of in municipal landfills for decades.



## WASTEWATER TREATMENT PLANT

Conventional wastewater treatment processes do not remove PFAS. In fact, some can even convert PFAS precursors into PFAS like PFOA and PFOS.



## DOMESTIC SEWAGE SLUDGE

Sewage sludge is a byproduct of wastewater treatment, and in the U.S., more than half of this sludge is applied to agricultural land as biosolids. This transfers PFAS to the soil, and ultimately, to the food chain.