

## Project overview

### What is King County building?

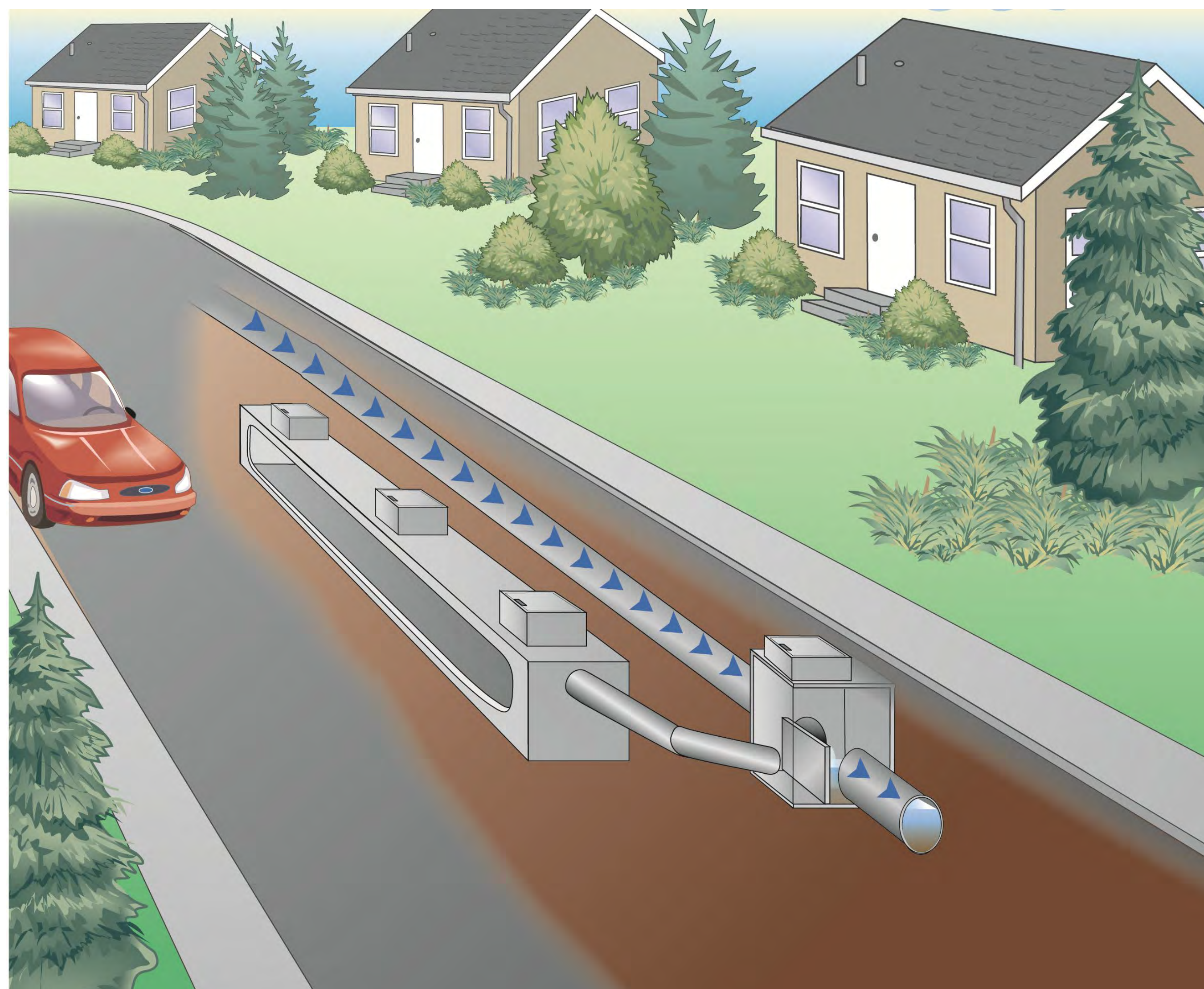
King County is building a combined sewer overflow (CSO) storage facility near the North Beach Pump Station under the street and a new aboveground equipment building adjacent to the existing pump station. The design theme and architectural materials were selected with feedback from the community and designed to fit with the natural landscape.

### Why is the project needed?

The new underground storage facility will store excess stormwater and sewage flow during periods of heavy rain, which will reduce the frequency that untreated sewage and stormwater overflow into Puget Sound. We will meet the Department of Ecology's current requirements for no more than one untreated CSO discharge per year on a long-term average.

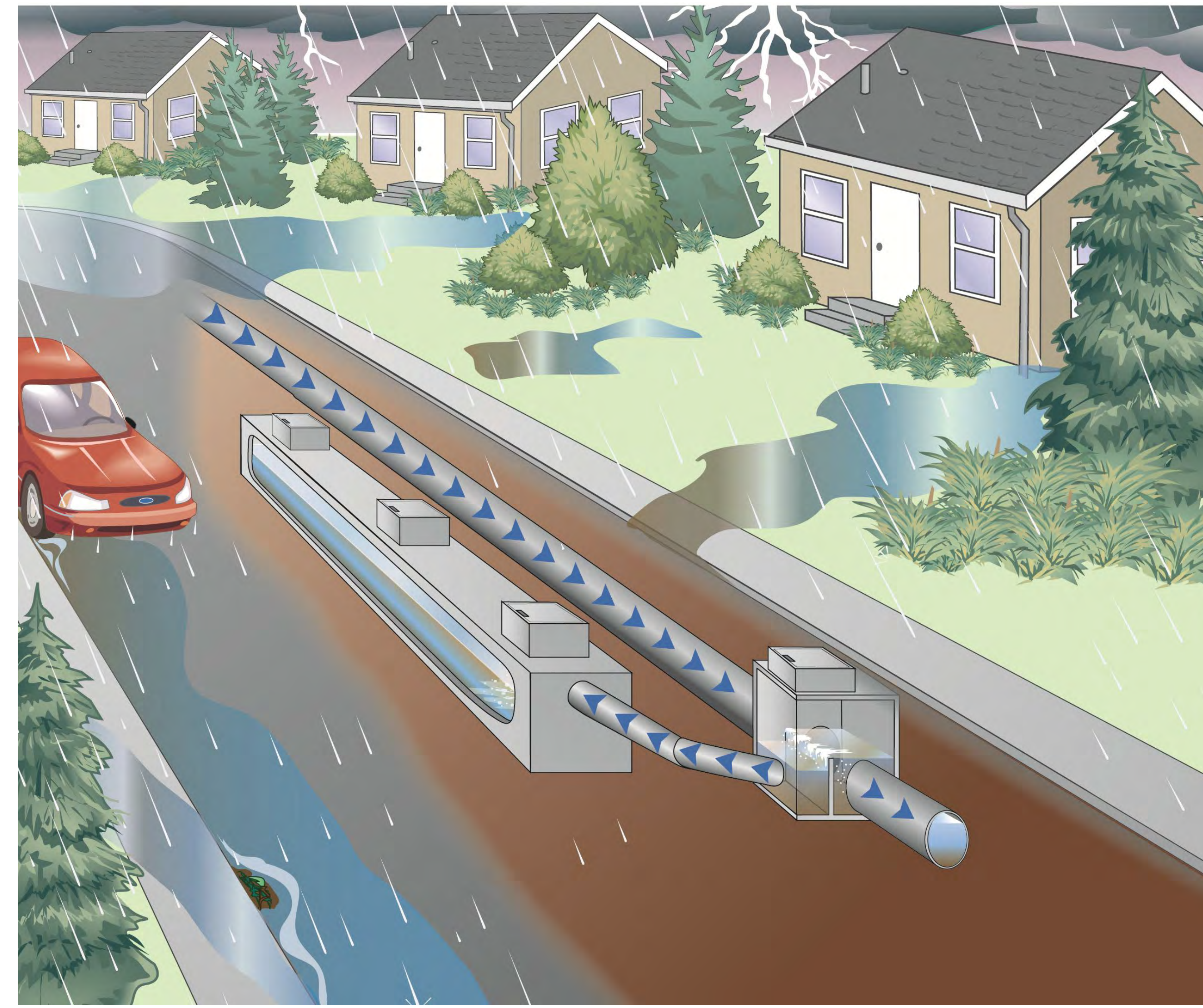
### How will the new CSO facility work?

#### *Dry conditions or light rain events*



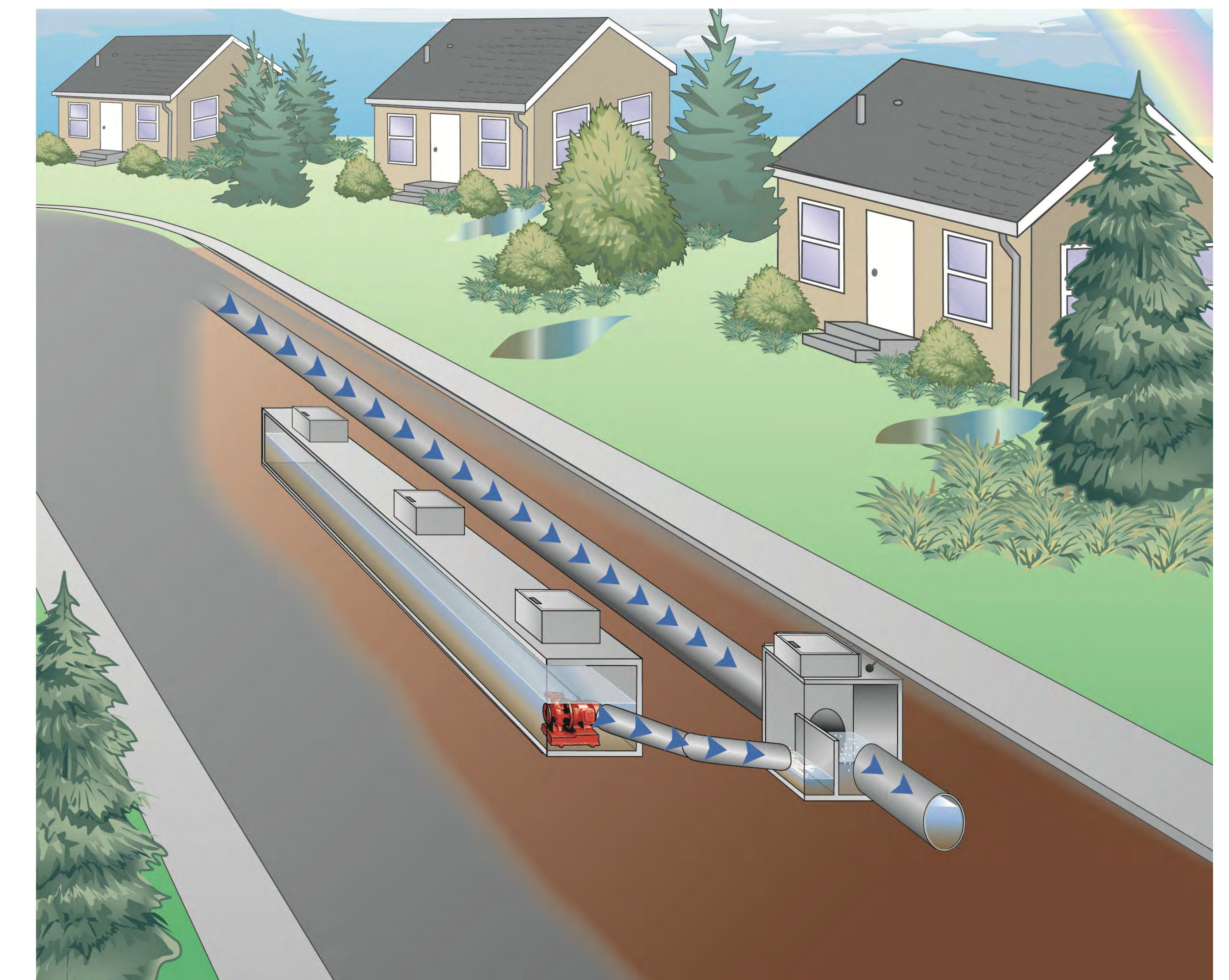
In dry weather or light rain, the tank will remain unused.

#### *Storage during heavy rain events*



When storms cause flows to exceed pump station capacity, excess wastewater and stormwater will be diverted to the underground tank for storage until the storm passes.

#### *Draining and cleaning the tank*



Once the storm has passed, the stored flows will be pumped to the North Beach Pump Station and the storage tank will be flushed with clean water.