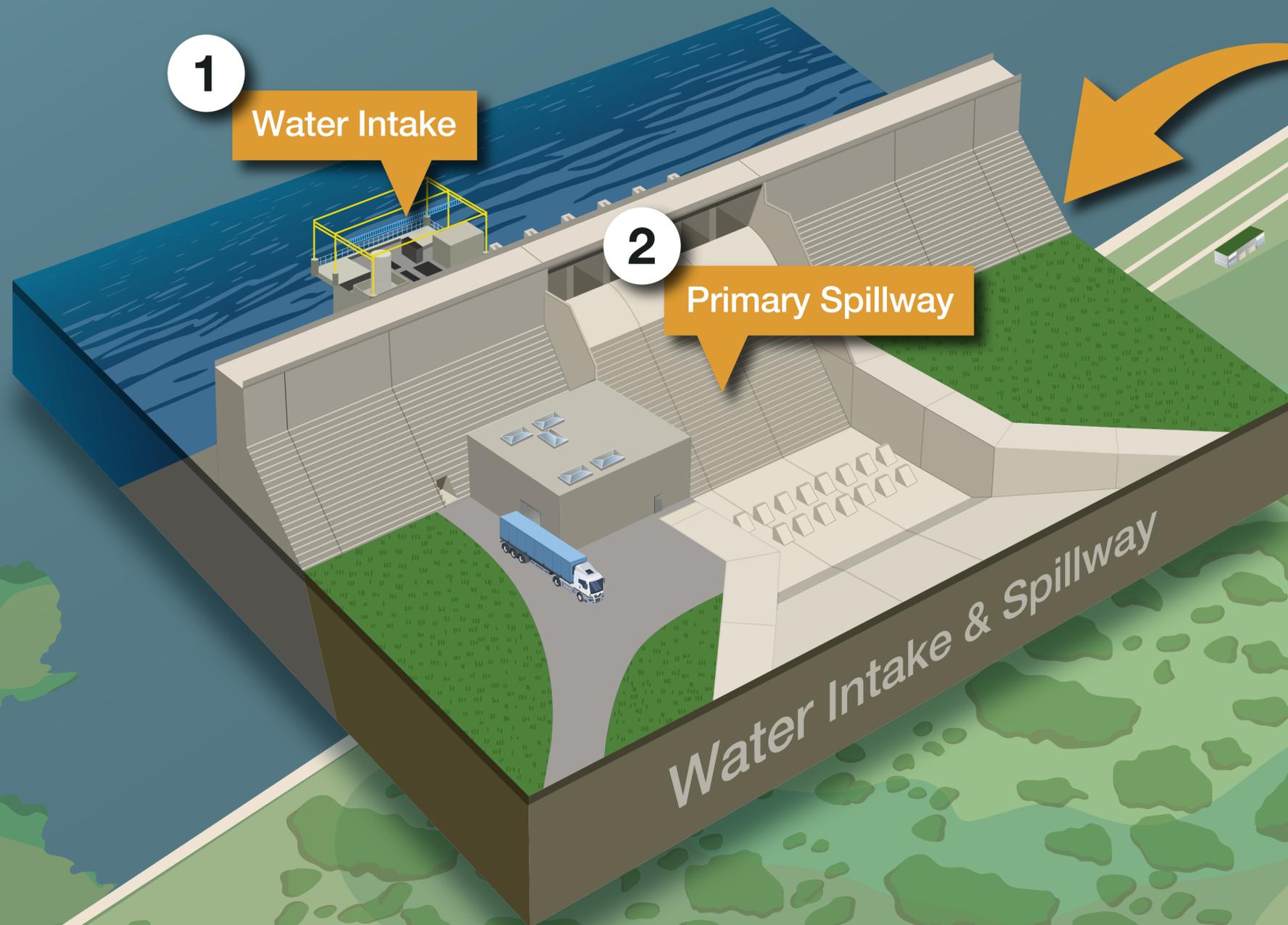




# LEON HURSE DAM

The Leon Hurse Dam will stretch 2.3 miles to hold water in Lake Ralph Hall. The dam consists of an earthen embankment and includes a water intake and two spillways.



1

Water Intake

2

Primary Spillway

3

Emergency Spillway

NORTH SULPHUR RIVER

- 1: Water Intake** — draws water from the lake into the pump station, where it will be pumped through pipelines to treatment and delivery for Upper Trinity Regional Water District customers and made available for local use.
- 2: Primary Spillway** — releases excess lake water into the North Sulphur River. It includes a zig-zag weir at the top of the dam to control the flow of water as it's released from the lake.
- 3: Emergency Spillway** — directs large amounts of runoff from particularly heavy rainstorms from the lake to the North Sulphur River.