

## Session Five Learning Objectives

**Session 5:** Let's get WET – Water Education in the Field Virtual Bus Tour

Session Five will cover:

- A countywide virtual visit to various Valley Water facilities
- A brief overview of the interconnectedness of imported water and our local reservoirs, specifically the San Luis Reservoir
- An explanation of the benefits of the Pacheco Reservoir Expansion Project and a status update on the Anderson Dam Seismic Retrofit Project
- A highlight of two ongoing flood protection projects: The Coyote Creek Flood Protection Project and the Permanente Creek Flood Protection Project (which is close to completion).
- A summary of our water treatment process at our three water treatment plants
- A high-level overview of the advanced processes at the Silicon Valley Advanced Water Purification Center to produce advanced purified water.

**By the end of session five:**

1. Participants will understand how imported water is obtained and stored for our local use and how San Luis Reservoir plays an important role in our water supply, with ambassadors better understanding the impact of the low point problem at San Luis Reservoir and Valley Water's efforts to address taste and odor issues.
2. Participants will learn about the value of bolstering our local water supply and reducing dependence on imported water, as well as recognize project benefits to the environment, with ambassadors better understanding the significance of the Pacheco Reservoir Expansion Project and its role in securing a reliable water supply.
3. Participants will learn the importance and urgency of retrofitting Anderson Dam so we can optimize our local water storage and continue providing a reliable water supply, with ambassadors better understanding the different project elements, timeline and challenges of completing a large capital project with various regulatory agencies involved.
4. Participants will learn about the Permanente Creek and Coyote Creek flood protection projects and how Valley Water strives to help keep the community safe, with ambassadors better understanding how Valley Water reduces flood risks countywide and how natural flood protection, environmental benefits and community recreational opportunities are incorporated into the planning of projects.
5. Participants will receive an overview of Valley Water's treatment process to produce safe, clean drinking water, with ambassadors better understanding the stages of water treatment.
6. Participants will learn about the advanced treatment processes and state-of-the-art technology used at the Silicon Valley Advanced Water Purification Center to produce

advanced purified water, with ambassadors understanding the importance of water reuse and the role of advanced purified water in bolstering our local water supply.