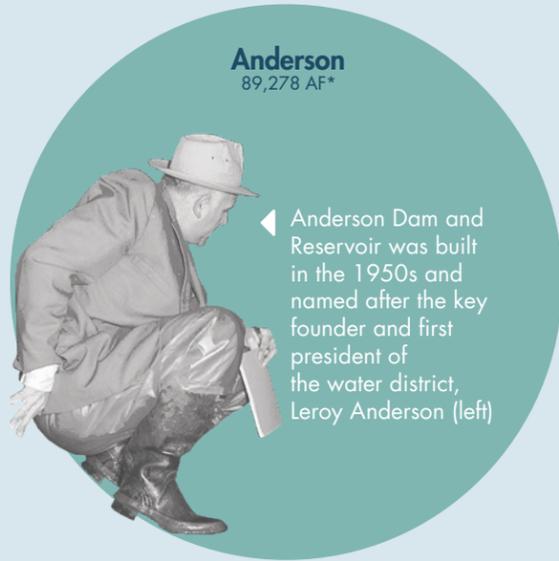


# Largest reservoir in the county

Anderson Reservoir is the largest of the 10 water district reservoirs. Large enough to fit all other nine reservoirs inside its area.

*Did you know?*



**Anderson**  
89,278 AF\*

Anderson Dam and Reservoir was built in the 1950s and named after the key founder and first president of the water district, Leroy Anderson (left)



\*One acre-foot is 325,851 gallons of water, which is enough to serve the needs of two households of five, for one year.

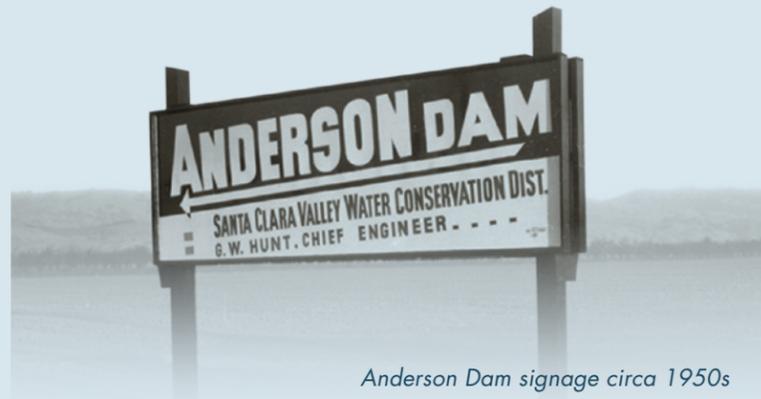
## Anderson Dam By the Numbers

<b>1950</b>	<b>192.7</b>	<b>89,278</b>	<b>1,245</b>	<b>7.8</b>	<b>3,320,000</b>	<b>49</b>	<b>10,717</b>
Year it was constructed	Drainage Area (square miles above the dam)	Reservoir capacity (acre feet)	Reservoir surface area when full (acres)	Reservoir Length (miles)	Cubic yards of fill	Outlet pipe diameter (inches)	Average annual yield acre-feet

Si habla español y tiene preguntas sobre el contenido de este mensaje por favor de comunicarse con José Villarreal al [JVillarreal@valleywater.org](mailto:JVillarreal@valleywater.org) o (408) 630-2879.

Nếu bạn nói tiếng Việt và có thắc mắc về nội dung của thông báo này, xin vui lòng liên hệ với Triet Trinh tại [TTrinh@valleywater.org](mailto:TTrinh@valleywater.org) hoặc (408) 630-3211.

如果你說中文並對上述訊息有疑問，請聯繫 Sarah Young, 電郵 [syoung@valleywater.org](mailto:syoung@valleywater.org), 或者電話: (408) 630-2468.



Anderson Dam signage circa 1950s

## Access Valley Water

For more information, please contact neighborhood liason **Jose Villarreal** at **(408) 630-2879** or via email at [jvillarreal@valleywater.org](mailto:jvillarreal@valleywater.org). You may also visit our website at [www.valleywater.org](http://www.valleywater.org), and use our **Access Valley Water** customer request and information system. With three easy steps, you can use this service to submit questions, complaints and compliments directly to a staff.

Follow us on:



# Anderson Dam



They built it for us. We need to rebuild it for them.

The Santa Clara Valley Water District is engaged in a major project to retrofit and strengthen Anderson Dam so it can safely withstand a strong earthquake. The effort is known as the **Anderson Dam Seismic Retrofit Project**. This project is being planned with the goal of ensuring public safety and securing a reliable water supply today and for future generations.



## Why this Project?

A large earthquake on the Calaveras Fault or the Coyote Creek Fault could result in significant damage to Anderson Dam, possibly leading to dam failure and uncontrolled release of water. Additionally, earthquakes could cause faults running under the dam to damage the outlet pipe used for safe drainage of the reservoir.

## Project Scope

The water district initiated the Anderson Dam Seismic Retrofit Project in 2012 as a permanent solution to the risks associated with a high magnitude earthquake.

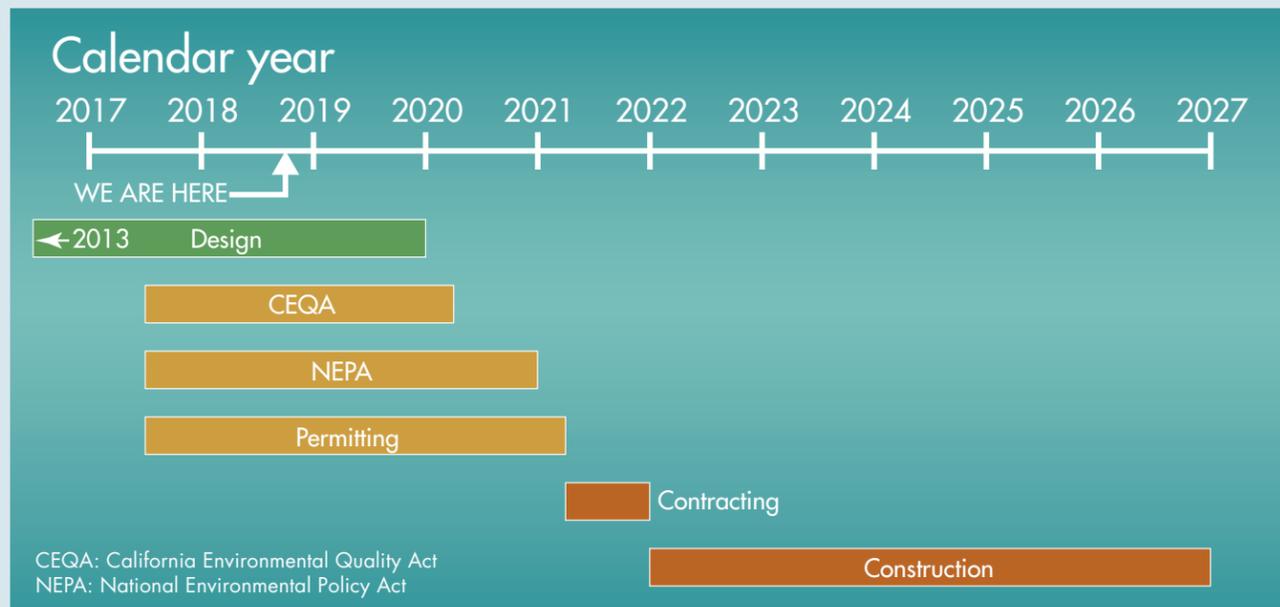
This project is currently in the design phase. The water district is working closely with the state's Division of Safety of Dams (DSOD) and the Federal Energy Regulatory Commission (FERC). Both agencies have jurisdictional authority over the dam and reservoir. Environmental documents will be prepared to comply with federal and state regulations, and permits will be obtained from several regulatory agencies for drawdown of the reservoir and water diversion during construction.

**Construction is anticipated to begin in early 2022 and take approximately five years to complete.** However, this timeline is dependent on a few factors. Currently, engineering work is on track to be 90% complete by fall 2019. A critical part of the schedule depends on the acquisition of environmental permits from state and federal agencies, such as National Marine Fisheries Service, U.S. Army Corp of Engineers, U.S. Fish and Wildlife Service, and California Department of Fish and Wildlife.

### The scope of the project includes the following:

- Seismically retrofitting the dam embankment
- Replacing the existing outlet pipe that runs below the dam to improve capacity and reliability
- Replacing a major section of the concrete spillway in addition to raising the wall height by approximately 9 feet to safely discharge large storm flows
- Increasing the height of the dam crest by 7 feet to provide more freeboard for larger storms' runoff

## PROJECT SCHEDULE



## Project Cost & Funding

Current estimates put the project cost at \$550 million. Of that total cost, 15 to 20% will be spent on planning, design, as well as on the environmental studies and documentation, with the remaining spent on construction. These cost estimates may change as the project progresses.

The Safe, Clean Water and Natural Flood Protection Program, which Santa Clara County voters approved in November 2012, will fund about \$65 million of this project's cost. The remaining project costs will be funded by water rates. Upon completion of the project, the average household in the area of the county roughly north of Metcalf Road in Coyote Valley can expect to pay an increase of \$6.25 per month in their water rates. Households in the area south of Metcalf Road can expect to see an increase of about \$3.50 per month.

## Neighborhood Impact

The project will require the use of heavy equipment which may generate traffic in multiple shifts. Residents living near Anderson Dam can anticipate other impacts due to lighting, noise and dust. The water district is working with the City of Morgan Hill, the County's Department of Parks and Recreation and local residents to develop a program to minimize construction impacts.

It is expected that the reservoir will be available for some recreational use until early 2022.

We will then begin to lower the reservoir level in preparation for the start of construction. Once dewatering begins and the water level falls beneath a predetermined level, the reservoir will be closed to recreation until construction of the project is completed, likely in 2027. The entire reservoir must be completely emptied prior to and during construction. Once construction is complete, and with the addition of rainfall, the reservoir will be refilled to its full capacity for recreational use.

## ANDERSON DAM EXISTING CONFIGURATION

