



Los Gatos Creek Fish Passage & Spawning Habitat Improvement Project

Project Overview

January 8, 2026

Final Guadalupe River One Water Watershed Plan: April 2024



An Integrated Approach to Water Resources Management



Final Report 2024

SANTA CLARA VALLEY WATERSHEDS:

COYOTE

PAJARO

GUADALUPE

WEST VALLEY

LOWER PENINSULA

Project included in One Water Plan

Number	Watershed Actions	Description	Activity Type	Potential Partner Agencies	Involved Valley Water Department	Implementation Timeframe (years)
ECO-22	Improve suitable spawning and rearing habitat for steelhead trout and salmon on Los Gatos Creek from Camden Avenue to its confluences with Guadalupe River in coordination with the FAHCE Adaptive Management Team.	Los Gatos Creek below Camden Avenue supports various life stages of steelhead and salmon. Enhancing habitat in this reach is important for supporting fish populations, and habitat availability in multiple creeks under various flow management regimes provides habitat diversity that can make fish populations more resilient to drought and climate change conditions. The addition of gravel, other coarse sediment, large wood, pools >1.5 ft deep, and restoration of pool-riffle morphology would improve habitat conditions and complement the flow regimes below the dams. The Study of Santa Clara County Steelhead Streams to Identify Priority Locations for Gravel Augmentation and Large Woody Debris Placement Santa Clara County, California (Balance Hydrologics, 2018) can be used to identify opportunities for this action; planning, design, and construction will be needed.	Project	Resource Conservation Districts, CDFW, NMFS, non-profit organizations	Watersheds	0-10
ECO-22a	Design and construct Los Gatos Creek project 1-1 from the Study of Santa Clara County Steelhead Streams to Identify Priority Locations for Gravel Augmentation and Large Woody Debris Placement.	The Study of Santa Clara County Steelhead Streams to Identify Priority Locations for Gravel Augmentation and Large Woody Debris Placement (Balance Hydrologics, 2018) identified Los Gatos Creek project #1-1 near the Camden Drop Structure as feasible and appropriate, but it still requires design and construction.	Project	Resource Conservation Districts, non-profit organizations	Watersheds (FAHCE, Stream Maintenance Program)	0-10
ECO-22b	Partner to support Los Gatos Creek Streambed Restoration Project.	South Bay Clean Creeks Coalition is planning and securing permission and funding for this gravel augmentation and enhancement project between Campbell Avenue and Highway 17. The project is consistent with FAHCE objectives to enhance habitat downstream of the Camden drop structure.	Partnership	South Bay Clean Creeks Coalition	Watersheds (FAHCE, Stream Maintenance Program)	0-10

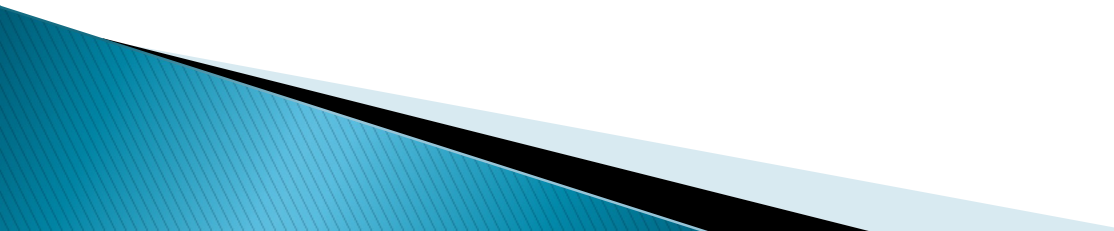
CDFW Passage Assessment Database

Barrier #705643: partial barrier



Chinook salmon
2021

Proposed Restoration Strategy

- 1. Use a roughened channel to raise the profile of the channel to provide permanent fish passage over the concrete sill under East Campbell Avenue Bridge**
 - 2. Avoid touching infrastructure (concrete) under East Campbell Avenue Bridge and Highway 17 Bridge to reduce risk to adjacent infrastructure**
 - 3. Add spawning gravel to the reach**
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Project Approach



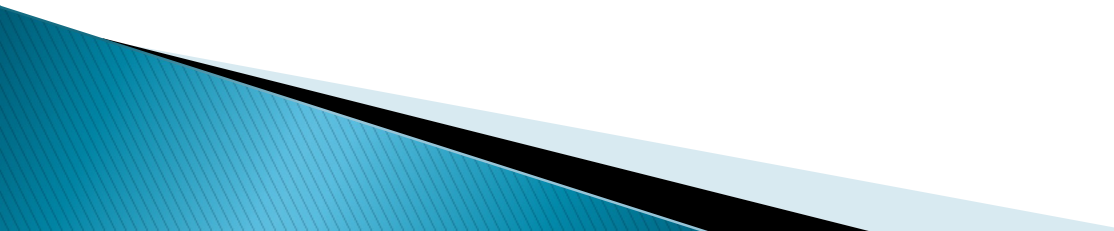
Elevate streambed towards East Campbell Avenue to provide fish passage through bridge, add spawning gravel

1,200 feet long
Valley bottom=0.41 acres

Rock Ramp/Roughened Channel Examples



Current Project Status and Next Steps

- ▶ **65% design completed, regulatory compliance started**
 - ▶ **Some existing funding available to complete design and regulatory compliance**
 - ▶ **Need to obtain funding to complete design and implement project**
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Discussion and Questions?

