



The Upper Llagas Creek Flood Protection Project runs 13.9 miles through City of Gilroy, City of Morgan Hill and the unincorporated area of San Martin.



Si habla español y tiene preguntas sobre el contenido de este mensaje por favor de comunicarse con José Villarreal al 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 Ngọc Nguyen tại NNguyen@valleywater.org hoặc (408) 630-2632.

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, 或者電話: (408) 630-2468.

PRSR STD
US POSTAGE
PAID
SAN JOSE CA
PERMIT NO. 1231

About Valley Water

Valley Water manages an integrated water resources system that includes the supply of clean, safe water, flood protection and stewardship of streams on behalf of Santa Clara County's 2 million residents. Valley Water is the flood protection authority for Santa Clara County, annually preparing creeks for winter rains through levee maintenance, sediment removal, bank repair and vegetation management. We have invested more than \$1 billion in flood protection efforts to protect nearly 100,000 parcels with many more projects planned. Valley Water performs work annually under its Stream Maintenance Program to repair damages to creeks to reduce the risk of flooding and keep our communities safe.

For more information, contact Neighborhood Liaison, **Jose Villarreal** at **(408) 630-2879** or by email at **JVillarreal@valleywater.org**.

Clean Water • Healthy Environment • Flood Protection

© 2019 Santa Clara Valley Water District • 8/2019 JL

Upper Llagas Creek Flood Protection Project

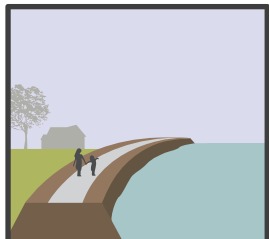


The Upper Llagas Creek runs through South Santa Clara County.

Construction is about to begin

After a complex planning and design effort, acquisitions of approximately 150 parcels and Resource Agency permit negotiations, the Upper Llagas Creek Flood Protection Project is ready to break ground in fall 2019.

This project by Valley Water extends approximately 13.9 miles from downstream of Buena Vista Avenue in Gilroy, and upstream to just beyond Llagas Road within the City of Morgan Hill. Construction will occur in two phases each with specific planned improvements. The phases are identified on the project map (inside).

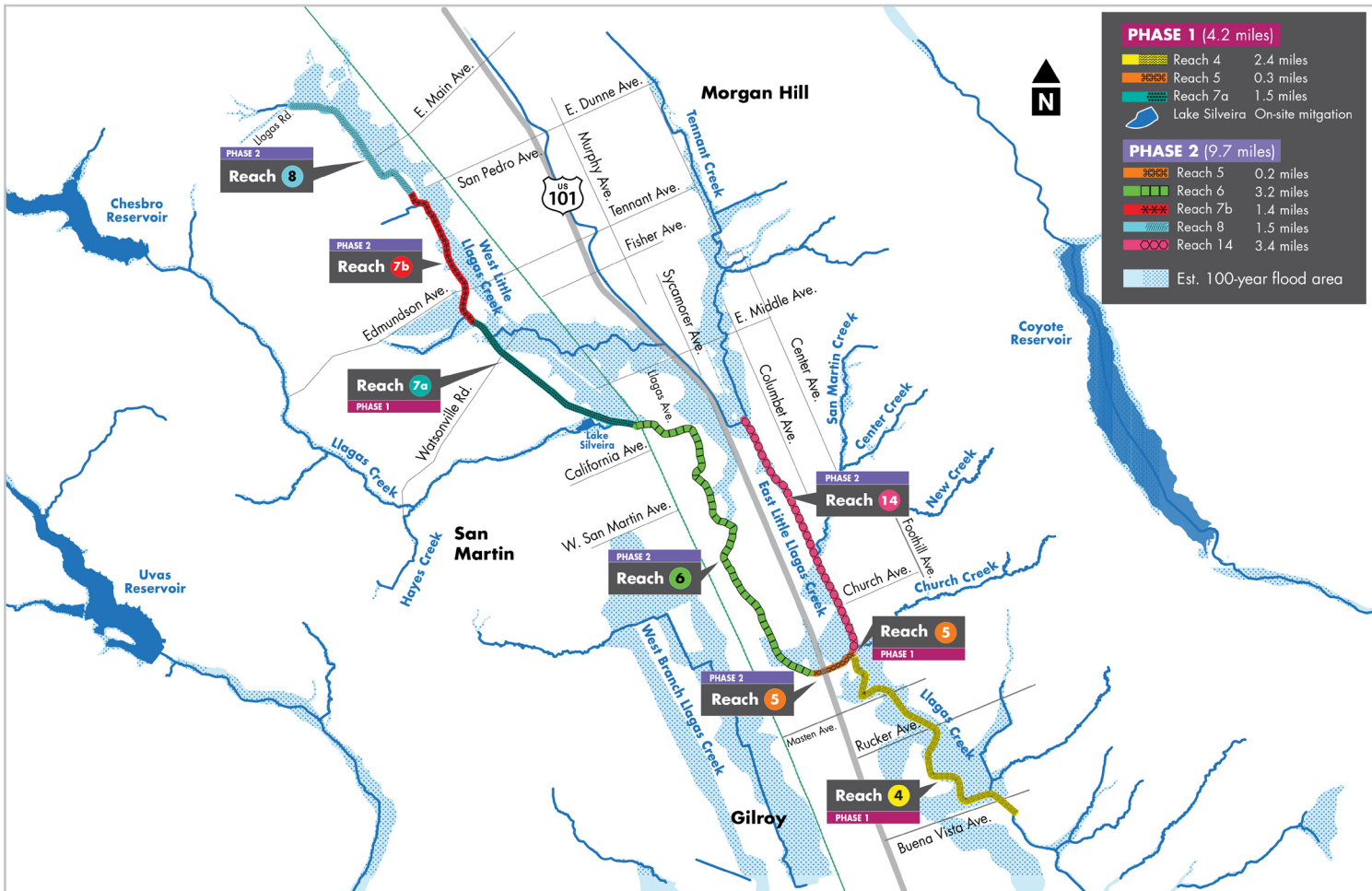


Safe, Clean Water
and Natural Flood Protection

Upper Llagas Creek Flood Protection Project



Priority E: Provide flood protection to homes, businesses, schools and highways.



Protecting people and property

Valley Water is dedicated to keeping residents and businesses safe through its flood protection programs. Each winter, hundreds of households and businesses in Morgan Hill are susceptible to flooding from Llagas Creek and its tributaries during major storm events.

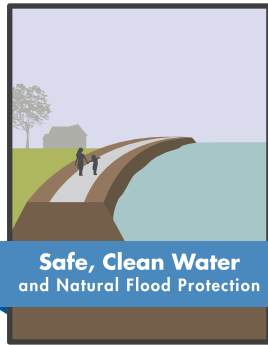
The Upper Llagas Creek Flood Protection Project consists of approximately 13.9 miles of flood protection improvements along East Little Llagas Creek, West Little Llagas Creek, and Llagas Creeks within the cities of Gilroy, Morgan Hill, and the unincorporated area of San Martin. The project is separated into sections, called reaches, with each reach representing a geographic start and end point for specific project activities shown on the project map (above).

When completed, the project will:

- Provide flood protection for approximately 1,100 homes, 500 businesses, and more than 1,300 acres of agricultural land in southern Santa Clara County.
- Save residents and businesses thousands of dollars on flood insurance each year (upon completion and Federal Emergency Management Agency certification).
- Provide increased public safety by protecting residences and businesses from flooding.
- Preserve and enhance the creek habitat for fish and wildlife.

Clean Water • Healthy Environment • Flood Protection

© 2019 Santa Clara Valley Water District • 8/2019 JL



Upper Llagas Creek Flood Protection Project



Priority E: Provide flood protection to homes, businesses, schools and highways.



Wetlands and islands will be created at Lake Silveira; the project will also restore an abandoned portion of the creek channel to the north of the lake.

Construction overview

Two construction phases are planned where improvements will occur. Phase 1 construction is anticipated to start in fall 2019 and includes Reaches 4, 7a, Lake Silveira and a portion of Reach 5. Phase 2 construction is anticipated to start in spring 2020 and includes the remainder of Reach 5, Reaches 6, 7b, 8 and 14.

Some constructed elements will consist of creek channel widening and deepening, a high water flow bypass tunnel, box culvert replacements, utility relocations, revegetation of streamside habitat, and instream habitat improvements for wildlife. Mitigation improvements at Lake Silveira include creation of wetlands and restoration of 2,000 linear feet of Llagas Creek that is currently abandoned.

Construction will occur year-round, with in-channel work done during the dry season (early May through mid-October). Phase 1 construction in residential areas will take place Monday-Saturday, from 8 a.m. to 5 p.m. Work in these areas will be subject to local noise ordinances.

Work in non-residential areas could take place until 10 p.m. Night work activities could include construction on bridges, roadways, utility relocation, mobilization, preparatory work, traffic control, and clearing.

Residents can expect increased truck traffic, noise, dust and temporary road and trail closures at various project points during construction. Valley Water will continue to use best management practices to minimize construction disturbances (i.e., noise, dust, etc.) to the neighborhood as much as is practical and work with the contractor to address resident concerns as they arise.



Most project construction activities will involve creek channel deepening and widening work as shown above.

REACH 4 | PHASE 1

Creek channel improvements in Reach 4 will involve widening and deepening the channel with a cross-section that includes a meandering low flow channel, a stable creek channel with terraces approximately 30-feet in total width, and engineered banks. Improved channel banks will be revegetated with native trees and shrubs after the instream construction is complete. A maintenance road will be constructed for access along each side of the creek. An antiquated fish ladder will be removed downstream of Buena Vista Avenue. Features for aquatic habitat will be constructed in the channel.

What to expect in Reach 4 and 5: Additional truck traffic, noise and dust near project access points during construction hours. Work activities include stockpiling, along with materials and equipment staging at designated sites.

REACH 5 | PHASE 1

Creek channel modifications and dimensions in Reach 5 will be similar to the ones planned for Reach 4. Reach 5 will be realigned to split water flow around a small island immediately upstream of the confluence with East Little Llagas Creek.

Much of the water flow will travel to the north of the island, increasing channel length. Grade control structures and features

(i.e., large wood and boulder clusters) for aquatic habitat will be constructed within the channel.

Improved slopes of the creek channel will be revegetated, while maintenance roads will be built on both sides of the creek.

REACH 7a | PHASE 1

A new creek channel will be constructed through agricultural fields. It will connect with a short, .3-mile creek channel that exists at the north end of the reach, upstream of Watsonville Road. A natural diversion channel of about 1.5 miles long will be excavated through the reach to divert water flows, after the completion of Phase 2 construction, from West Little Llagas Creek upstream of Watsonville Road to Llagas Creek downstream of Lake Silveira at Monterey Road. The existing bridges at Watsonville Road and West Middle Avenue will be unearthed. Like other reaches, a maintenance road will be constructed on both sides of the channel.

What to expect: Construction of the creek channel will require a lot of digging. Residents can expect to see additional heavy machinery, truck traffic, and haul trucks on the road. There will be stockpiling of soil, staging of materials and equipment at designated sites. Additional noise, not to exceed the jurisdictional noise ordinance, and an increase in dust from construction activities are expected. The contractor will implement best management practices to minimize these construction activities.

Upper Llagas Creek Project Timeline

