



Upper Llagas Creek Flood Protection Project

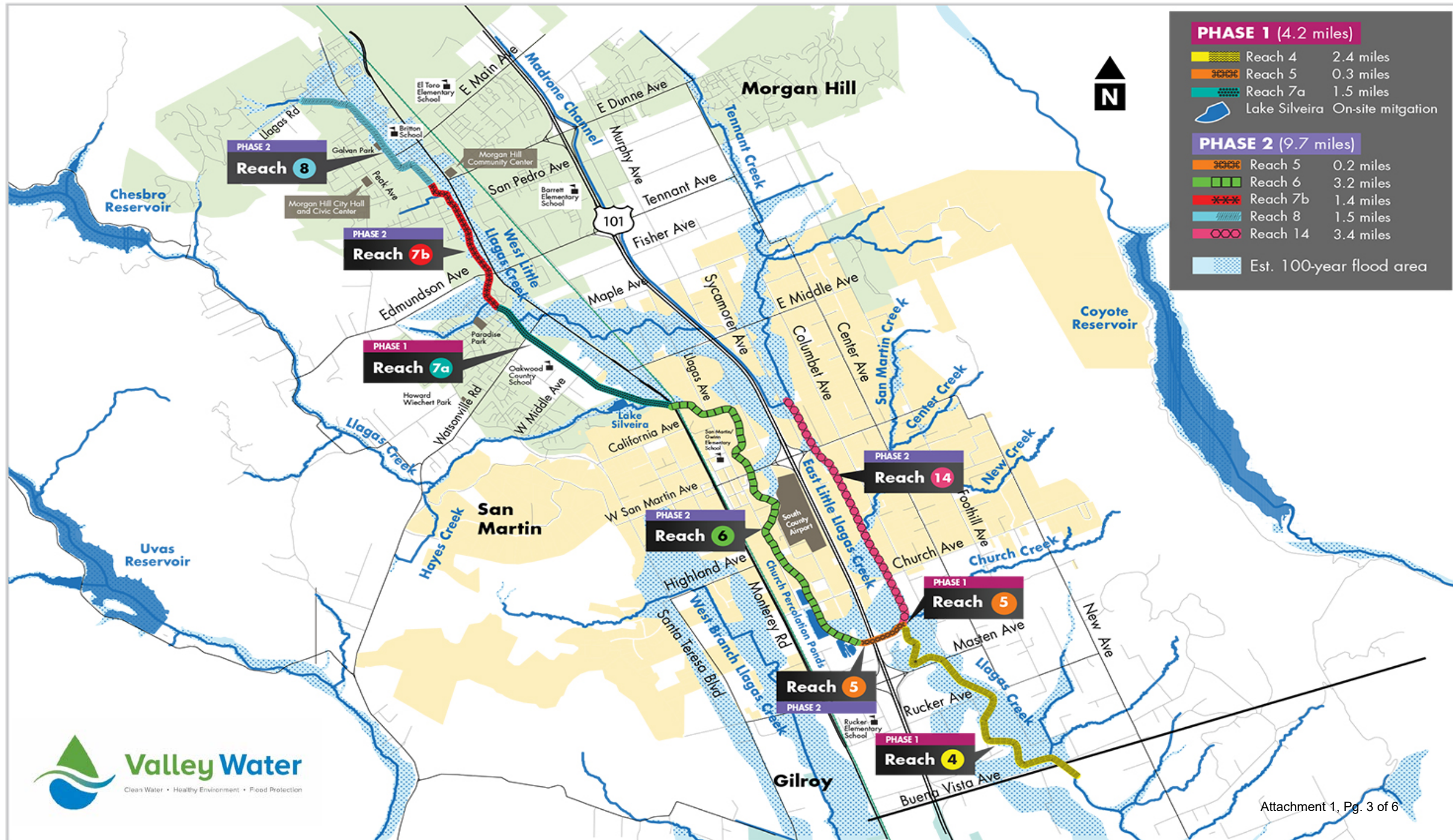
Flooding History

Upper Llagas Creek has experienced flooding during major storm events in 1955, 1958, 1962, 1963, 1969, 1982, 1986, 1996, 1997, 1998, 2002, 2008, 2009, 2011, and 2017.



October 13, 2009

Attachment 1, Pg. 2 of 6



Project Objectives

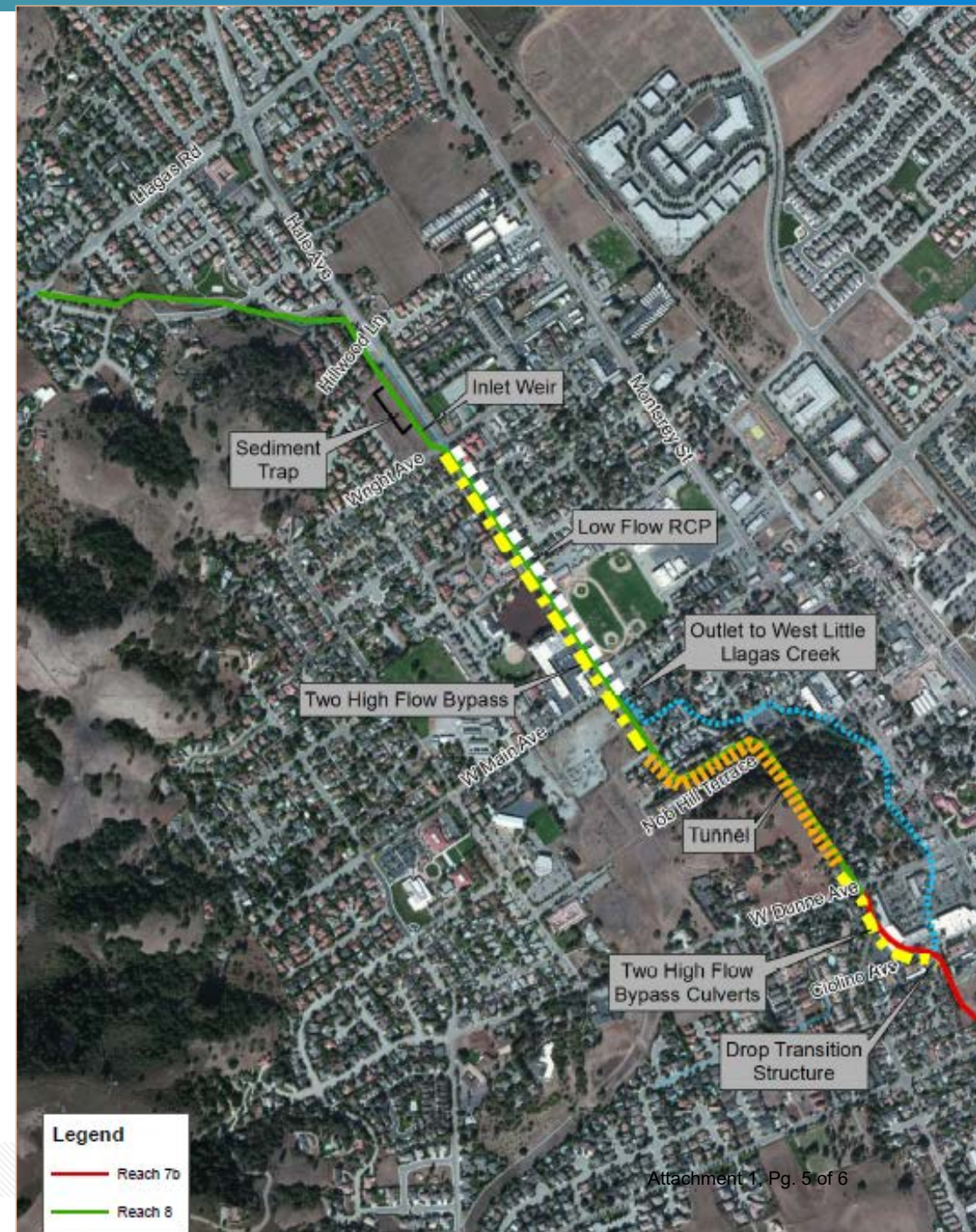
- Reaches 7 & 8: Provide 100-year level of flood management
- Reach 14: Provide 10-year level of flood management
- Reaches 4, 5 & 6: No induced flooding

Project Benefits include:

- Flood Protection
- Improving stream habitat and fisheries
- Creating wetlands
- Improving stream water quality

Project Elements – Phase 2

- Installation of box culverts
- Construction of a tunnel
- 3+ year construction, including tunnel (anticipated 2020 – December 2023)
- 3 year plant establishment (through December 2026)



Reach 8 Tunnel and Box Culverts

