# Flood Project Inspection

## Overall Status: Acceptable

### 2/01/2021

### Issues:

- Unwanted vegetation growth along the levee embankment (blackberry bushes, etc.)
- Dog feces and rosebush clippings being dumped over the floodwall
- Floodwall has settled approximately 1 ½” at the south east corner
- Polyurethane sealant in floodwall seams cracking, falling apart and small surface cracks within wall
- Signs of human traffic in the habitat restoration area
- Excessive tree growth in discharge channel

### Inspection Summary

On 2/01/2021 Public Works staff inspected the Flood Project in its entirety. Upon investigation of the Levee Embankment and the floodwall, staff found there to be excessive unwanted vegetation growth near 4 San Ardo Court and 14 Los Robles Court; some of which made it difficult to access the entire embankment or floodwall. Staff also noticed that there was a large amount of bagged dog feces and some rosebush clippings that has been being dumped over the floodwall from the mobile home park. The floodwall inspection showed that the floodwall itself has settled by approximately 1 ½” in southeast corner near 17 Los Robles Ct. Additionally, the polyurethane sealant within the monolith seams throughout the floodwall is cracking, falling apart, and has surface cracks within the wall. On the creek side of the floodwall behind Los Robles Ct, there appears to be sign of early stages of erosion which is being addressed as part of the Sulphur Creek Erosion Repair, CIP R19-03. While conducting the walk through, staff noticed signs of a human presence within the habitat restoration area. All these items will be looked at in depth when time is allotted, and an action plan will be developed to rectify the issues found. Since January 8, 2021, staff has successfully removed the pumpkins the levee embankment. Staff also observed that Vineyard Valley Mobile Home Park has placed additional waste bins along the walking path.

### Recommendations:

- Unwanted vegetation growth along the levee embankment (blackberry bushes, etc.) will be addressed by additional rounds throughout the year. Additionally, crews will utilize the basil treatment on bushes to mitigate any future issues. This work will be completed in the spring when access is permitted for such work.
- Dog feces from homeowners still being dumped over the floodwall, along with pumpkins. Public Works Operations Management Staff will be sending a courtesy abatement letter by the end of February.
- Floodwall has settled approximately 1 ½” at the south east corner that has also caused erosion in the area. The settling of the floodwall initially occurred in 2013 shortly after installation of the floodwall. Staff continues to monitor the settlement and has noticed no change.
• Polyurethane sealant in floodwall seams cracking, falling apart and small surface cracks within wall. Staff is working with the Public Works Engineer to obtain quotes to address this issue within the 2021 construction season.

• Signs of human traffic in the habitat restoration area will be addressed by ordering and posting additional signage. Staff will contact PD and discuss methods of keeping public out of this area.

Excessive tree growth in discharge channel will be addressed by removing and trimming of trees in the discharge channel, all removals will be basil treated to ensure trees do not grow back. This work will be completed in the spring when access is permitted for such work. This will be done without causing any disturbance that may cause erosion of the discharge channel.