



# Sonoma Water

Clean. Reliable. Essential. Every Day.

## SMP 2019 Year in Review

FLOOD ZONE 1A



# Vegetation Maintenance

- Austin Creek
- Bellvue-Wilfred Creek
- Brush Creek
- Cook Creek
- Copeland Creek
- Crane Creek
- Five Creek
- Hinebaugh Creek
- Hunter Creek
- Kawana Springs Creek
- Laguna de Santa Rosa
- Matanzas Creek
- Santa Rosa Creek
- Santa Rosa Creek Diversion
- Todd Creek
- Warrington Creek
- Wilfred Creek
- ***2,942 Cubic Yards of Vegetation Removed***
- ***46 Acres of Vegetation Grazed***



# Trash Removal

- 69,000 lbs of trash removed



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# Fire Fuel Reduction and Public Safety

## Urban Forest Management



1. Provide long-term sustainable tree spacing and tree structure.
2. Establish shaded canopy to reduce invasive growth (i.e. blackberries) to reduce maintenance and minimize herbicide.
3. Ensure maintenance and emergency vehicle access
4. Encourage a safe public environment through clear site lines
5. Manage and reduce fire fuel



# Sediment Removal

- Santa Rosa Creek
- Laguna de Santa Rosa
- Copeland Creek
- Austin Creek
- Five Creek
- Airport Creek
- Cook Creek
- Wilfred Creek
- Santa Rosa Creek Diversion
- Spring Creek Diversion
- College Creek
- Matanzas Creek Reservoir
- Santa Rosa Creek Reservoir
- ***31,932 Cubic Yards of Material Removed***
- ***2.4 miles of Flood Control Channels***

# Sediment Removal

- Five Creek
  - Downstream of Snyder Ln
  - 2,579 linear ft
  - 8,944 Cubic Yards



# Sediment Removal

- Laguna de Santa Rosa
  - Up and Downstream of Stony Point rd
  - 4,577 linear ft
  - 11,104 Cubic Yards



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# Sediment Removal

- Laguna de Santa Rosa
  - Up and Downstream of Stony Point rd
  - 4,577 linear ft
  - 11,104 Cubic Yards



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# Sediment Removal

- Copeland Creek
  - Upstream of County Club Dr
  - 1,490 linear ft
  - 3,624 Cubic Yards



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