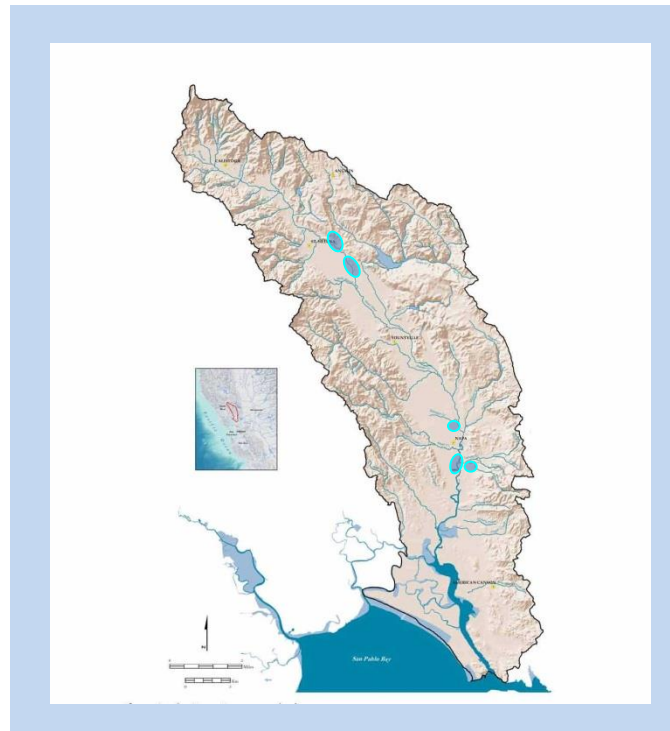


# Napa Youth Ecology Crops: Current & Future Stewards of the Napa River Watershed



Watershed Information & Conservation Council

**Shaun Horne**, Watershed and Flood Control Resource Specialist  
**Joe Panchesson**, Watershed Intern



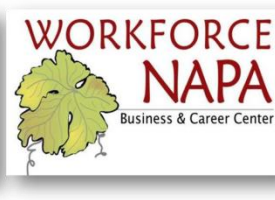
A Tradition of Stewardship  
A Commitment to Service

July 23, 2015

# Napa Youth Ecology Corps

## Model

- 8-week get-paid-to-work-and-learn program for at-risk Napa County youth between 18 – 25
- Modeled after Marin and Sonoma Youth Ecology Corps Programs
  - Corps members work on natural resource based projects 4 days per week (Mon-Thur)
  - Corps members attend work readiness training 1 day a week (Fri)
  - They are paid \$9 an hour for their work four days a week (Tues-Fri)
- Involves local partnership: Program costs \$65,275
  - WIB (\$32,000), Flood (\$28,560), Parks (\$4,080)



# Youth Ecology Corps Mission

## Environmental Stewardship & Job Training

- Our mission is to help empower our future workforce with job readiness skills in a fun, stimulating and educational environment.
- Promote environmental conservation to build good ecological citizenship through vigorous, disciplined career training in the natural resource management field.

# Regional Youth Ecology Corps Programs

## Different Approaches

- **Sonoma-** Sonoma County Water Agency
  - Stream Maintenance Projects and Invasive Plant Management. Includes weekly environmental education activities.
- **Marin-** Indian Organic Farm & Garden, Marin County Department of Public Works, & California State Parks
  - Trail work and organic farming.
- **Riverside-** Eastern Municipal Water District
  - Water conservation and administrative work.
- **Portland-** Oregon Metro
  - Habitat restoration and conservation projects

# Stream Maintenance Program (SMP)

Stream Cleanups, Arundo Removal, Planting

## SMP Activities

- Vegetation & Invasive Management
- Riparian Enhancement
- Trash and Debris Removal
- Native Plant Propagation

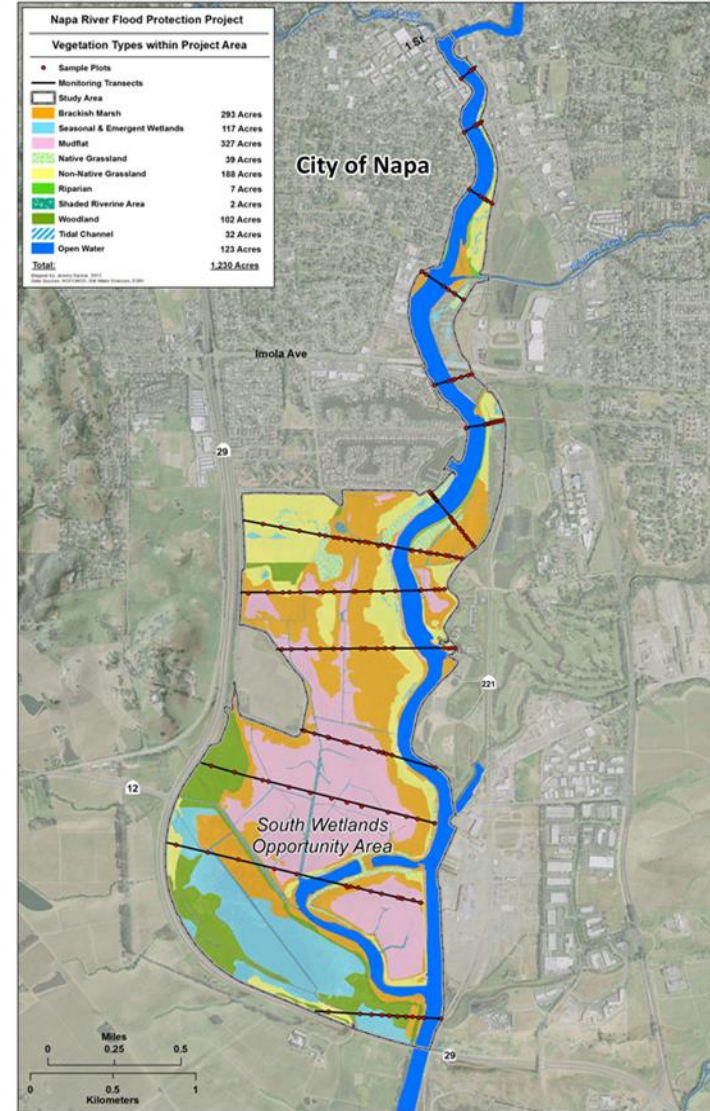
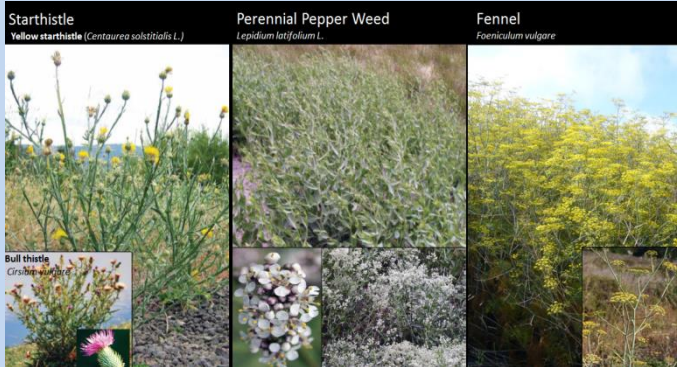
## Educational Opportunities

- Invasive and Native Plants
- Watershed Processes and Local Streams
- Wildlife and Natural Resource Management



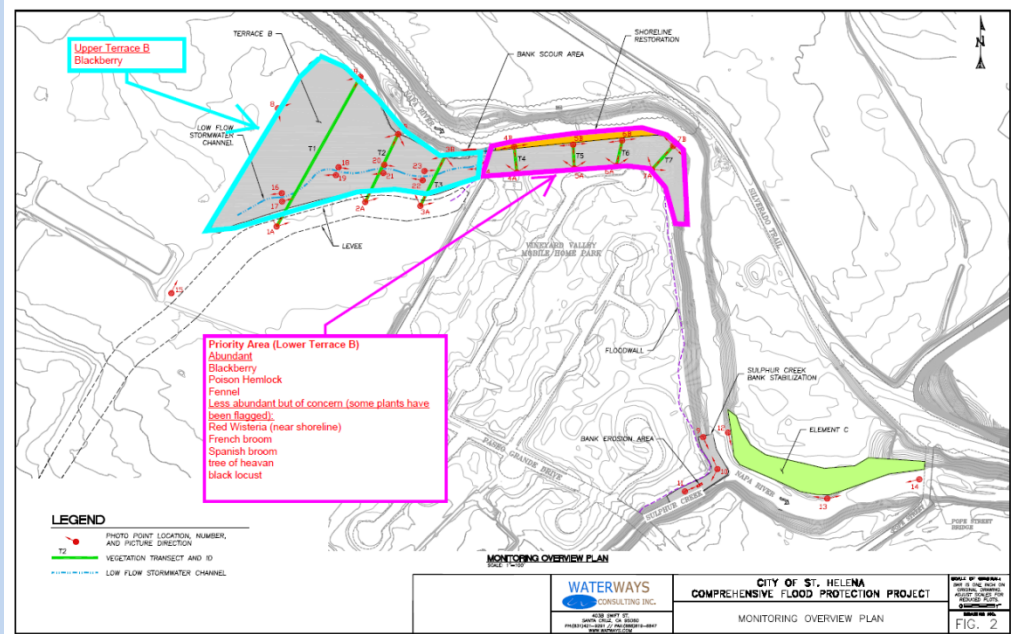
# Napa River Flood Protection Project

## Invasive Plant Management



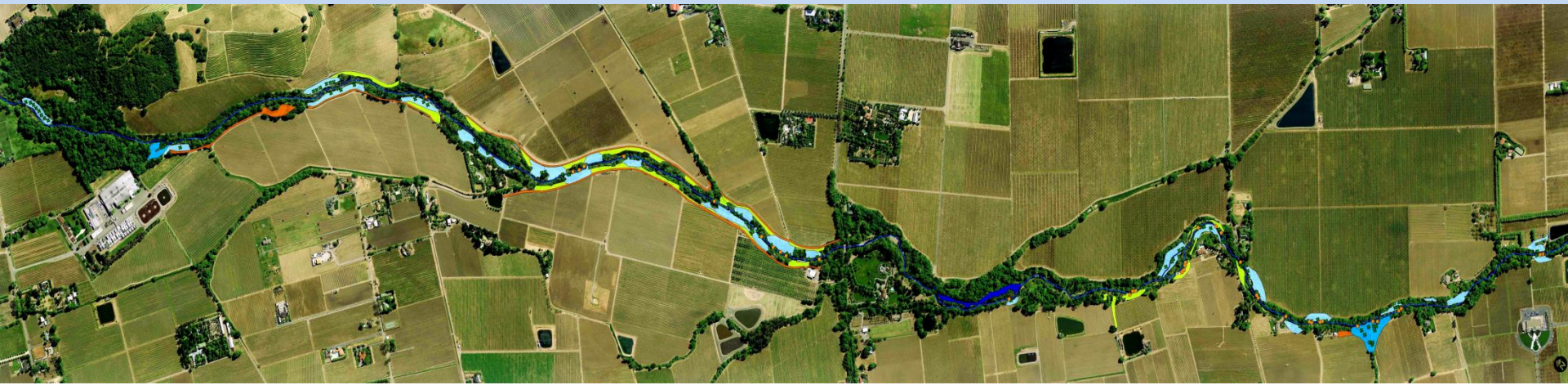
# St. Helena Flood Protection Project

## Invasive Plant Management



# Napa River Restoration Rutherford Project

## Invasive Plant Management



Expanded Riparian Corridor    Setback Berms    Floodplain Benches    Tributary Alcove    Instream Structures





# Stormwater Management

## Creek Clean Ups and Vintage Rain Garden

### Stormwater Activities

- Vintage High School Rainwater Garden Maintenance
- Salvador Creek Clean Up
- Napa River Trash Collection and Auditing

### Educational Opportunities

- Water Quality Issues
- Creek Care and Stewardship
- Stormwater BMP's



# Job Training Day

## Educational Activities

- CPR Training
- Tour of Napa Community College
- Recycling Facility Tour
- Waste Water Treatment Plant Tour
- Apprenticeship Training
- Work Readiness
  - Resume Building
  - Interview Preparation
  - Career Exploration
  - College Preparation



# Napa Youth Ecology Corps Members

## Benefits and Opportunities

- NYEC participants have the opportunity to continue working with the CCC after successfully completing the summer program.
- Develop job skills, resume building, and assistance with college applications and guidance.
- Develop deeper awareness of natural resources.



# Napa Youth Ecology Corps

## Needs

- Natural Resource Education Component
- Additional Project Sponsors
- Funding
- College Credits, Apprenticeships, Career Training/Certificates
- Community Support/Opportunities- Internships or entry level jobs

