

West Slope Stormwater Resource Plan 2018 Annual Progress Report

January 2019



Overview

The West Slope Stormwater Resource Plan (SWRP) was completed in March 2018. This progress report documents the first partial year of implementation, through December 2018, and a look forward into 2019. The West Slope SWRP was collaboratively developed by the **El Dorado County Water Agency** (EDCWA), the **County of El Dorado** (County) and the **City of Placerville** (City) (collectively termed “SWRP Partners”) with extensive communication with and outreach to local entities and the public. Through 2018, the SWRP Partners continued to set up SWRP implementation and identified continued venues for collaboration. Specifically, the following have been accomplished, including the following accomplishments:

- ⇒ **Developed a management tool.** Using Microsoft PowerBI, a management tool was developed with information on all current and future projects identified in the West Slope SWRP. The tool includes a dashboard summary of the projects and performance measures to help provide decision support. While only the SWRP Partners have access to the tool, a summary of the information contained in the tool is published in these annual progress reports.
- ⇒ **Top 15 projects were adopted into the ARB IRWMP.** All of the West Slope SWRP projects were uploaded to the American River Basin (ARB) Integrated Regional Water Management Plan (IRWMP) project database, with the top 15 projects being adopted into the ARB IRWMP making them applicable to pursue certain State funding.
- ⇒ **Clarified implementation responsibilities of the SWRP Partners.** EDCWA will continue to lead this program, initiate coordination amongst the other SWRP Partners, and assist with funding applications. The County and City will continue to be the key implementing agencies and will be responsible for advancing planning and design of the West Slope SWRP projects.
- ⇒ **Developed initial feasibility study scope for selective projects.** To further five (5) of the top 15 projects related to project planning, design, and approval for potential implementation as funding becomes available, an initial feasibility study scope was developed. The County and City continue to work to identify funding to further these projects.

SWRP Partner Roles and Responsibilities

Agency	Role
El Dorado County Water Agency	<ul style="list-style-type: none">• Leading the continued coordination and update for the West Slope SWRP• Providing grant application assistance• Implementing agency for EDCWA-led projects
County of El Dorado	<ul style="list-style-type: none">• Implementing agency for County-led projects• Advancing planning and design of their West Slope SWRP projects
City of Placerville	<ul style="list-style-type: none">• Implementing agency for City-led projects• Advancing planning and design of their West Slope SWRP projects

Multi-Benefit Projects

As part of the West Slope SWRP, the SWRP Partners identified 90 multi-benefit projects categorized into three components: surface water storage, watershed (headwater) management, and stormwater management. In December 2018, each of the project lead agencies verified the status of their projects. At that time the U.S. Forest Service identified that one of its watershed management (fuel reduction) projects in the planning phase was cancelled. As a result, there are 89 multi-benefit projects (shown below).

Top 15 Projects

Of the 89 projects, the SWRP Partners identified 15 projects that were of the highest priority for implementation. These are shown as stars in the below map; note that some projects occur in multiple locations. The corresponding lead project implementation agencies are identified in parentheses.

Surface Water Storage Component (2)

- Alder Reservoir (EDCWA)
- Silver Lake Dam Remediation (El Dorado Irrigation District)

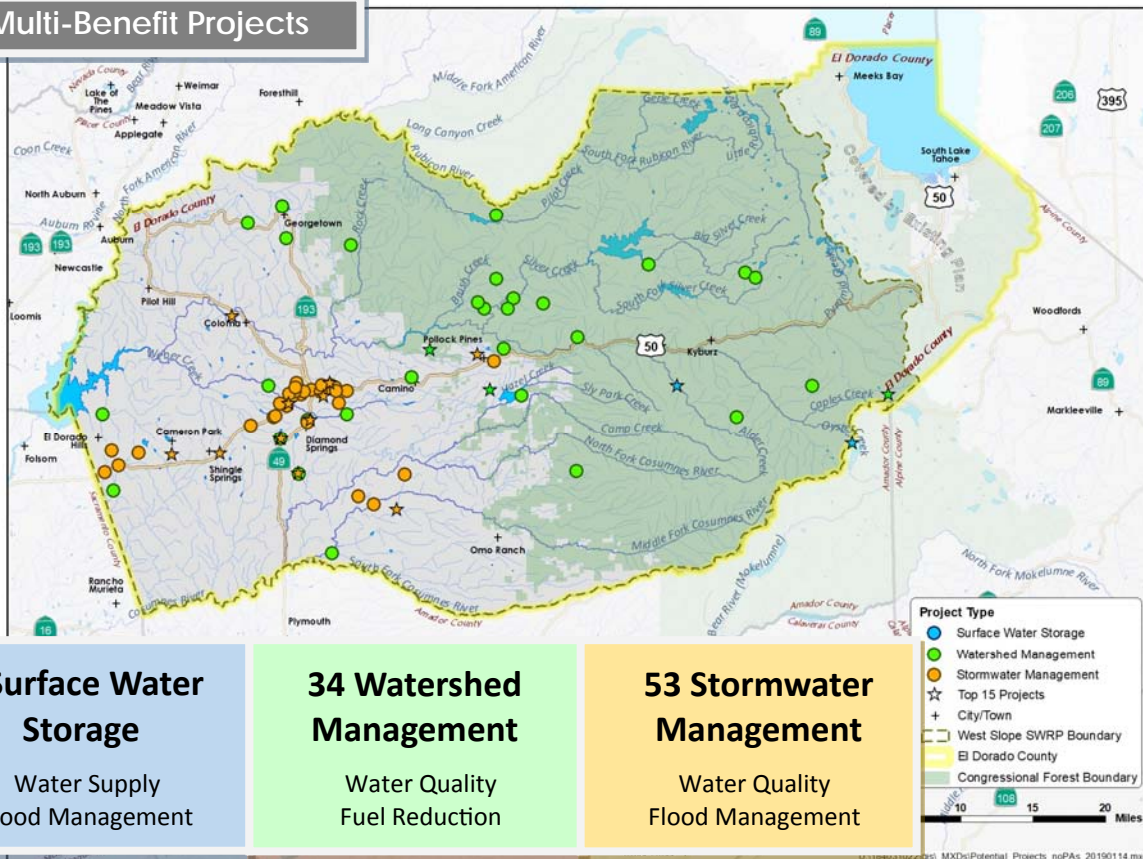
Watershed Management Component (2)

- Fire Adaptive along Highway 50-Fuels Reduction (U.S. Forest Service)
- Caples Watershed Improvement (U.S. Forest Service)

Stormwater Management Component (11)

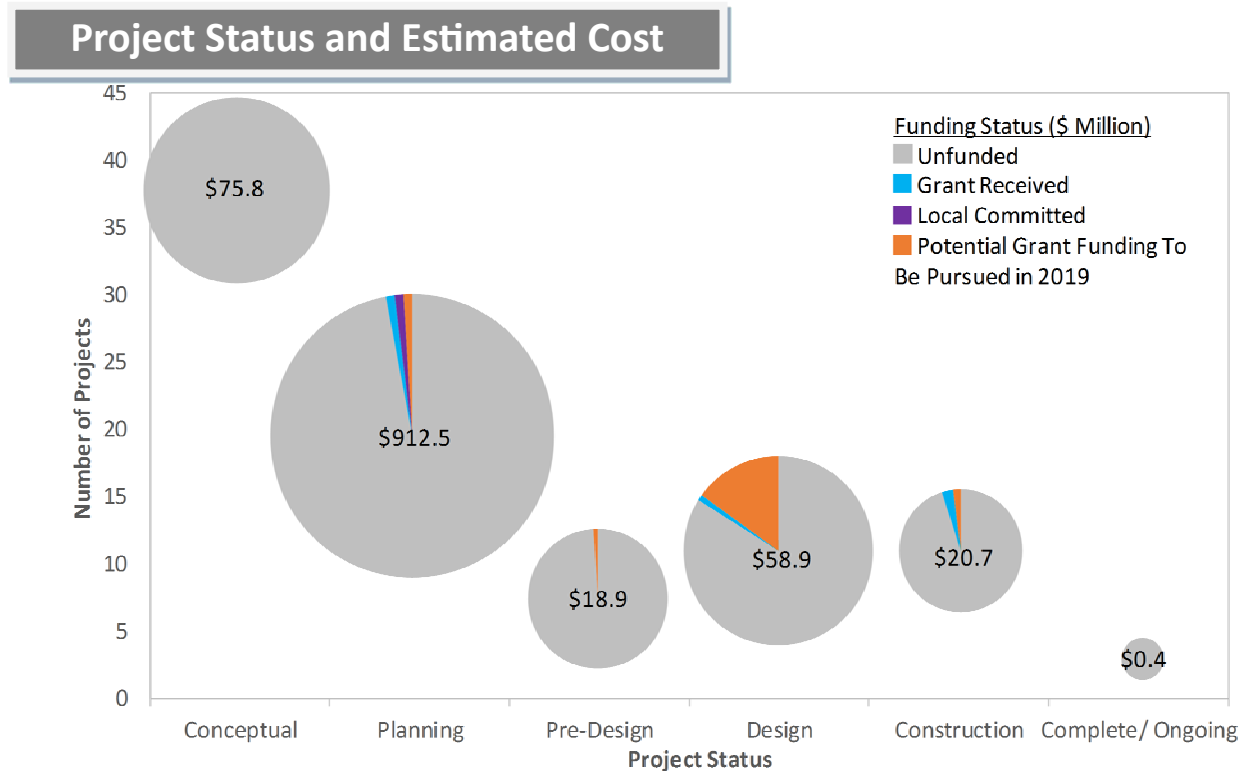
- Town of El Dorado Drainage Improvements (County)
- Cedar Ravine Road Drainage Improvement (City)
- Town of El Dorado Green Street Project (County)
- Splash in the Class-Outreach Program (County)
- Union Mine Landfill Retention Pond (County)
- Best Management Practices Countywide Demonstration Projects (County)
- Cameron Park Drainage Improvements (County)
- Headington Yard Wash Rack (County)
- Upper Main Ditch Stormwater Improvements (El Dorado Irrigation District)
- Stormwater Detention Basin-Hangtown Creek Flood Damage Reduction Project (City)
- Diamond Springs Parkway-Roadway and Drainage Improvement Project (County)

89 Multi-Benefit Projects



Moving Forward

An important measurement of West Slope SWRP success is the ability to implement projects, and lack of funding will be the most significant barrier to plan and project implementation, in addition to opportunities for State and federal funds as those often require local cost-share. As such, the chart below shows the number of projects and funding status for the 89 West Slope SWRP projects, grouped by project phase. Funding status is separated into received and anticipated grant funding, local cost commitments, and remaining unfunded cost. The size of each bubble is scaled to total project cost. For example, there are 11 projects in the design stage with a total cost of \$58.9 million. Of that amount, only a small percentage has already received some funding. However, about 15 percent of the cost will be pursued for additional grant funding in 2019. As can be seen from the chart, a large portion of the projects remain unfunded. Additionally, the majority of the projects are in the early stages of development (conceptual, planning).



2019 Funding Opportunities

A major component of the West Slope SWRP strategy is to leverage available State and Federal financial and technical assistance. The SWRP Partners are advancing project planning in anticipation of and preparation for future grant opportunities and other forms of financial assistance. Similarly, EDCWA is currently collaborating with Federal agencies (e.g., U.S. Department of the Interior, Bureau of Reclamation, and U.S. Department of Agriculture) for implementing some of the Surface Water Storage and Watershed Management component projects.

The SWRP Partners have identified the following projects for consideration to pursue grant opportunities in 2019, with a combined potential funding request could be up to 50 percent of the total projects' costs (\$7.89 million).

1. **Headington Yard Wash Rack**
2. **West Slope BMP Manual**
3. **Diamond Springs Parkway**
4. **Fish and Wildlife Routine Maintenance Agreement**

Proposition 1 - Round 2 Storm Water Implementation Grant Program

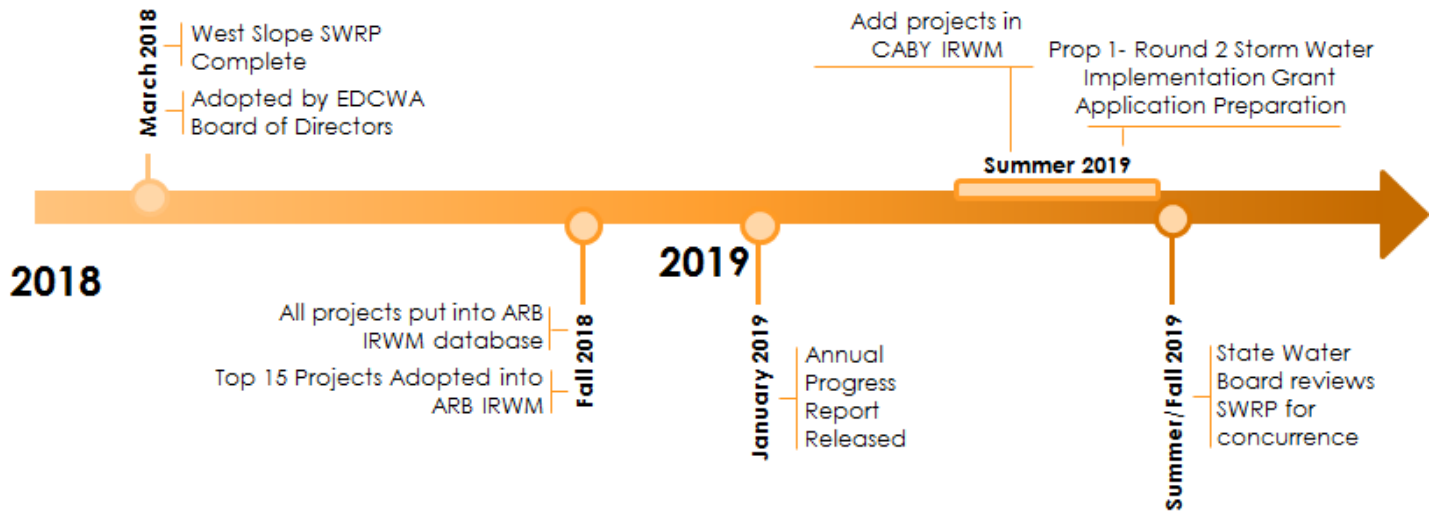


- Funding Available: **\$90 million**
- Application Period: **Anticipated Summer 2019**
- Cost-Share: **50%**
- Applicable projects: multi-benefit storm water projects that are in a SWRP and adopted in an IRWM

Next Steps

As highlighted throughout this progress report, the SWRP Partners have quickly moved from plan adoption to implementation. The graphic below summarizes progress made to date and a look forward into the future. In 2019, the SWRP Partners intend to focus on: (1) continuing to progress the top 15 projects to ready them for implementation and associated funding, and (2) seeking opportunities to apply for Proposition 1 funding. Additionally, the Cosumnes, American, Bear, and Yuba (CABY) IRWM will have another call for projects during the summer 2019, and all of the West Slope SWRP Projects will be submitted to the CABY IRWM for adoption into the plan.

2018 Accomplishments and Next Steps



Key:

ARB= American River Basin

IRWM = Integrated Regional Water Management

CABY = Consumes, American, Bear, Yuba

SWRP = Stormwater Resource Plan

EDCWA = El Dorado County Water Agency

West Slope Stormwater Resource Plan

2018 Annual Progress Report

For more information, contact

El Dorado County Water Agency

4330 Golden Center Drive, Suite C

Placerville, CA 95667

(530) 621-5392

<https://www.edcgov.us/Water>