

American Basin Watersheds Tributaries to the Sacramento River

in Sacramento, Placer, and Sutter Counties

Including

Cities of Roseville, Rocklin, Lincoln,
Auburn, Sacramento, and Town of
Loomis

American Basin

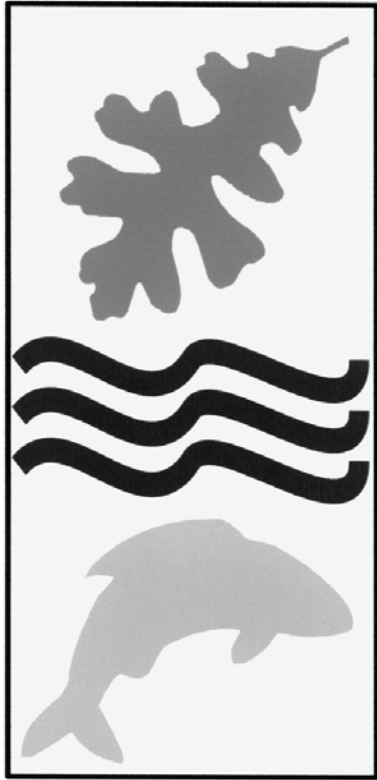


Primary Waters



Similarities

- Flow from foothills to Sacramento River via connecting canals
 - No snow melt
 - Water is imported by independent companies
 - Urban and urbanizing
 - Ag elements still exist
 - Anadromous fish in Auburn Ravine, Coon Creek, and Dry Creek
 - Have management plans
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- A photograph of a river flowing through a green landscape. The river is in the center, surrounded by lush green grass and various trees. A white bird is visible on the grassy bank in the foreground. The background shows a dense line of trees under an overcast sky.



The American Basin Council of Watersheds

In 2005 stakeholder groups from:

- Pleasant Grove/Curry Creek
- Auburn Ravine/Coon Creek, and
- Dry Creek watersheds

Joined to form The American Basin Council of Watersheds (ABCW) which is managed and facilitated by Dry Creek Conservancy, a 501(c)(3).

Auburn Ravine/Coon Creek

- Began meeting in 1996.
- Large parts remain in rural and agricultural use
- Imported cold water supports as many as 8,000 to 10,000 trout per mile.
- Diversion dams and unscreened diversions prevent fish passage.
- Large areas of Coon Creek are being preserved as part of the Placer County Conservation Plan, Placer Legacy, and the Central Valley Joint Venture.

Ophir Cataract



Dry Creek

- Numerous collaborative projects since 1996
- Dry Creek Conservancy produced reports on water quality and other data collected over 10 years.
- Clean, cold ditch water from PCWA operations improves water quality.
- Salmon Spawning surveys since 1997 show a peak of 680 live fish and carcasses observed over three hours in 2003.
- Since 2005 spawning numbers have plummeted to about a half dozen.
- Almost all major barriers to fish have been removed.





Pleasant Grove/Curry Creek

- Pleasant Grove/Curry Creek was a seasonal drainage that has become perennial due to urbanization.
- Pleasant Grove Creek originates in urban Rocklin, passes through Roseville, and through ag areas to the Sacramento River.
- Major creeks are incised or have reaches that are incised.
- The Pleasant Grove/Curry Creek stakeholder group produced an ecosystem restoration plan in 2005.

Rube Nelson Park



Major Stakeholders



- Placer County departments
- Sacramento County departments
- Sutter County
- Nevada Irrigation District
- South Sutter Irrigation District
- Placer County Water Agency
- Placer County Resource Conservation District
- Placer County Flood Control and Water Conservation District
- Sacramento Area Flood Control Agency
- City of Lincoln
- City of Auburn
- City of Roseville
- Schools
- Nonprofits
- Park Districts
- Sierra College
- State and federal agencies.

Issues

- Increased impervious surface
- Urban and Ag channelization
- Channel erosion
- Flooding
- Urban and Ag water pollution
- Diminished riparian vegetation
- Fish barriers
- Few programs to restore existing urban areas.
- Coordination of many stakeholders
- Participation in numerous planning processes

NID Gauging Station





Current Focus on-the-ground

- Conservation landscaping for developed areas
- Low Impact Development for new projects
- Fish barrier removal
- Streambank stabilization
- Revegetation of riparian areas
- Installing continuous in-stream monitoring systems

Secret Ravine Pipeline





Current Focus management processes

- FERC relicensing process impacts on flows
- Working with Integrated Regional Water Planning
- Education at schools and special facilities
- Floodplain preservation in new development
- Wastewater treatment facilities improvement

