



The Flow

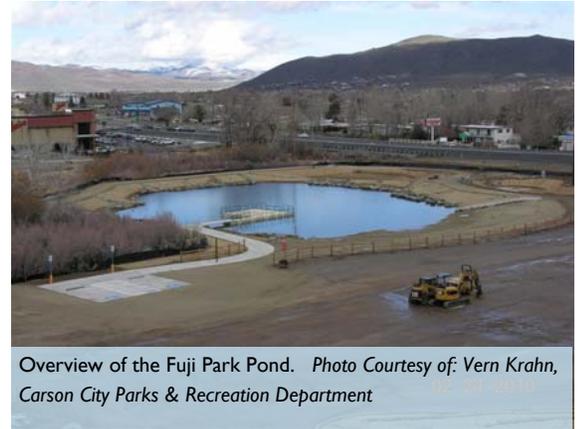
News of the plans, projects and people of the Carson River Watershed

Spring 2010

Carson City Urban Fishing Pond Project Completed

The new urban fishing pond at the Carson City Fairgrounds provides much more than an accessible recreation area. It also affords a creative solution for erosion and sediment control caused by storms, which in turn serves to improve the water quality of Clear Creek.

A diversion structure was built to direct water into the pond from Clear Creek. The parking area was engineered to channel runoff and sediment from stormwater into a sediment basin. The water then flows into a created polishing wetlands which filters the water before it returns to Clear Creek.



Overview of the Fuji Park Pond. Photo Courtesy of: Vern Krahn, Carson City Parks & Recreation Department

A shoreline fishery and wetlands habitat was created to improve the aesthetics, water quality and functionality of the one-acre pond. Flanked by a concrete sidewall, a sidewalk to a floating pier also provides disabled access for fishing. (See pg. 2)

Protecting Our Aquatic Environment



New Zealand Mud Snails are tiny, but congregate in very dense colonies.
Photo by D.L. Gustafson.

If you visit Lake Tahoe with a boat this summer you will undergo a boat inspection for “aquatic invasive species (AIS)”! These species threaten the diversity and abundance of native species and natural communities, plus commercial, agricultural, and recreational activities. New Zealand Mud Snails, quagga and zebra mussels are wreaking havoc on many lakes and rivers across the U.S. Once waters are infested it is almost impossible to eradicate them. (See pg. 3)

Did You Know?

7,000—500 years ago, ancient petroglyphs were drawn by ancient people on basalt boulders at Grimes Point east of Fallon. This site is one of the largest petroglyph sites in northern Nevada.

Source: Carson River Chronology



Grimes Point Petroglyphs
Photo: U.S. BLM

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Wonder of Wetlands Workshop at Stillwater National Wildlife Refuge

A Wonder of Wetlands Workshop gave educators and others the opportunity to earn education credits in a beautiful setting. This annual workshop is designed to provide resources for educators as they teach their students about the importance and function of wetlands.



Kayakers experience wonder of wetlands firsthand at Stillwater National Wildlife Refuge

Bugs & Bioassessment Guide in the classroom.

The day ended with a rare opportunity to view Stillwater from a kayak, thanks to Great Basin Sports. All in all it was a wonderful day in the wetlands!

The day began with lessons about the role wetlands play in the life and culture of the “Toi Ticutta”, or Cattail Eaters. This is how the Paiute-Shoshone people, who have long dwelt near these wetlands, refer to themselves.

By the end of the day, attendees had viewed a *Bill Nye, the Science Guy* video and a demonstration about using Wetland Metaphors; performed water quality testing; and learned how to use the Benthic

This event was organized and sponsored by the CRC Education Working group. Thanks to all the facilitators who worked to make this a great event!!!

Urban Fishing Pond, continued from page 1

Split rail fencing delineates the pond environment and will control parking and livestock access.

The pond will open to the public in fall 2010 after the plants around the pond and wetlands are established. Numerous agencies, organizations, private businesses, and volunteers collaborated to bring this project from its inception to reality in 2010. CWSD was pleased to have a role in the project by providing funds for best management practices and water quality treatment improvements.

Thanks to Vern L. Krahn from Carson City, who gave the CWSD Board of Directors a tour of the Urban Pond & River Access Projects.



Looking southwest, the pond is filled, vegetation is being established, and the floating fishing pier is in place. Overflow parking to the events center will also divert stormwater.

Protecting Our Aquatic Environment—continued from Page 1

Fortunately, to date, there have been no reported AIS finds within the Carson River system. However, it is extremely important to put proactive measures in place. Organizations throughout the State of Nevada are in the process of developing and implementing strategies to prevent infestations and combat these species.

On June 22, from 9:30 to noon, the Carson River Coalition will host a forum on this issue. Representatives from Bureau of Reclamation, NV Department of Wildlife, US Fish and Wildlife Service, CA Department of Fish and Game, NDEP, CWSD and others will be discussing

proactive measures that can be implemented on the Carson River.

Tahoe Resource Conservation District will be on hand to provide information on measures that are being implemented at Lake Tahoe. This meeting is open to the public. For more information please contact Genie at 887-9005.

Quagga & Zebra Mussels on boat propeller.
Photo: Stockton Fishing Examiner.



New Facilities for the Carson River Aquatic Trail

New facilities for whitewater rafts and kayaks have opened up at the Morgan Mill Road River Access Area and Santa Maria Ranch River Park. This expansion of the Carson River Aquatic Trail allows boaters to put in on the river at Morgan Mill Road in Carson City, which offers a concrete boat launching ramp, paved parking lot, picnic tables and a restroom.

The Carson River Aquatic Trail has two segments in Carson City. The 3.3 –mile Class I section is a peaceful 1.5 to 2 - hour float from Carson River Park through cottonwood and willow-lined riverbanks, concluding at

Before: The original take out built by WNRC&D and volunteers years ago.



After: A new, easy-to-find ramp with river-bank restoration.



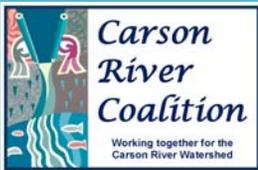
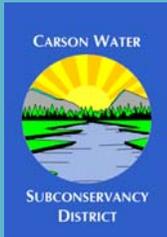
Morgan Mill Boat Access. The 9.3-mile, 2.5 to 3-hour Class II and III section is for experienced floaters and puts in at Morgan Mill Road. It offers exciting, challenging rapids in scenic Carson River Canyon with wildflowers, historic rock walls, mill sites, and other relics from the old V & T railroad and Comstock mining era. It terminates at Lyon County's new take out at Santa Maria Ranch River Park in Dayton.

Thanks to the many volunteers, as well as the private and public agencies who contributed to this project.

Information provided by Vern L. Krahn from Carson City.



Do you have events or articles that you would like to have published in "The Flow"? Please send email to genie@cwsd.org.



This newsletter has been developed in part with Clean Water Act 319 (h) funds from the Nevada Division of Environmental Protection.

Upcoming Special Events

June 16 –**CWSD Board of Directors meeting.** Turtle Rock Park 6:30 pm.

June 19—**Carson Clear-water Revival Home-owner BMP Workshop.** Hampton Inn & Suites 10:00 am to noon. For more information call Genie at 887-9005.

June 22—**Main Group Carson River Coalition—**"Protecting Our Aquatic

Environment. " Ormsby Room at Carson City Sheriff's Office 9:30 am—noon. genie@cwsd.org

July 13—**CRC Education Working Group.** 9 to 11.

July 21-**CWSD Board of Directors.** Douglas County Commission Chambers, 6:30 pm.

August 10—**CRC River Corridor Working Group** 9 to 11 am.

Save A Tree!

Prefer to receive a digital copy of this newsletter?

Let us know by emailing

debbie@cwsd.org.



FOR INFORMATION ON REGULARLY SCHEDULED MEETINGS VISIT www.cwsd.org

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