

# Stream Line

March 2012

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## Water Quality Status Update for Kings River

The Kings River was included on the 2010 303(d) list as an impaired waterway. The upper Kings was listed as impaired for DO (dissolved oxygen). Both the upper and lower portions were designated as impaired for TDS (total dissolved solids). Jim Wise at ADEQ (AR Dept. of Environmental Quality) was contacted recently in regards to the DO listing for the upper river. When questioned, it was determined possibly to be in error. That conversation, along with discussion at a recent KRWP board meeting, sparked interest in learning how AEDQ arrives at their data. They sample monthly at Grandview and at

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### Upcoming Events

**Yearly Meeting**  
Tues. March 20,  
Berryville Community  
Center 6:00 pm

**Madison Co. River  
Clean-up, Sat. April  
21st Marble Access**

**Carroll Co. River  
Clean Up and Cook-  
out, Sat. June 2,  
Grand View Bridge**



## Another Kayak to be Ruffled

Once again the Partnership has teamed up with Ozark Mountain Trading Co. to offer this 9.5 ft. sit-on-top kayak as the prize for a fund-raising raffle. The drawing will take place after the Carroll Co. Kings River Clean-Up on June 2, but you don't have to attend to win. Tickets are available at the March meeting, as well as at Eye-Q Optical in Berryville, Mane Street Salon in Green Forest, or at Ozark Mtn. Trading Co. east of Rogers. Tickets are \$3 each or 4 for \$10.00

## 2012 River Clean-Ups Set

High water and rain forced the cancellation of the Madison County Clean-Up last spring, so this year's over-due effort will no doubt result in a bounty of trash. Ray Warren has announced that participants are to meet at the Marble access on Sat. April 21st at 8 am sharp. Dress for the weather and pack a lunch. Shuttles will be provided. If there is a chance of rain or high water, check with Ray to find out if plans have changed.

The Carroll County Clean-Up is scheduled for Saturday, June 2nd. Due to the length of this portion of the river, several groups will deploy from various points. Groups will start forming at 8 am. Trash bags will be supplied. As always, there will be a cook-out and party at Kings River Rapids to the east of the Grand View bridge following the clean-up, with music, door-prizes, and the drawing for the kayak that is being raffled. Contact Ray at 870 654-4134 for directions or updates.

Debris collected will be disposed of by Madison County Solid Waste and Carroll County Solid Waste as a public service.



and Marshall Ford, and compile data on a five year running average, re-evaluated every two years. At the end of each two-year cycle, the oldest two years are thrown out and the total reaveraged with the newest two.

There may be some good news for Upper Kings coming soon. Their data now shows 59 samples, with 11 samples exceeding 150mg/l. Of those 11 samples, 7 samples were barely over the limit at 151 or 152mg/l. The greatest was 174mg/l.

Because '07 was a drought year and low flow drives the concentration up, even if nothing else changes, numbers will be higher. From June to

Dec. every sample was elevated. The next round '07 and '08 will be thrown out. Dropping those numbers should help lower the average. However, the heat wave of '11 will appear on that cycle and may impact the overall results.

The news is not as positive for the Lower Kings River. Of 58 samples, 23 were over range, with the greatest being 227 mg/l. Recent improvements to the Berryville Wastewater Treatment Plant may start to reduce concentrations, so there is reason to be optimistic that those numbers will begin to look better over time.

### **More Water Testing News**

Leslie Massey with the Arkansas Water Resources Center, recently contacted the KRWP to let us know that they have a 319 Program Project with ANRC to monitor DO levels over a 72 hour period at two sites on Leatherwood Creek and on Kings River Reach 042 (which runs from the headwaters to the confluence with Osage Creek). They are monitoring at these reaches because they have been listed on the 303(d) list for designated use impairment as violating the water quality standard for dissolved oxygen. They will do 4 deployments a year; two between May and September and two between October and April at sites near Kingston and Marble and one south of Marble.

The KRWP is also conducting water testing at selected sites on the Kings River, thanks to support from a number of sponsors who stepped up to help underwrite the cost of supplies and lab work. These sponsors include Gold Level: **Tyson's, Kerusso**. Silver Level: **1st National Bank of BV, Shumaker Farms**. Bronze Level: **Worley's Tire**

Water quality monitoring programs make it possible to note changes (for the better or for worse) when they begin to occur, and can help pinpoint problem areas as well as potential solutions before the beauty and vitality of this outstanding water resource is adversely impacted.

### **Can't make the yearly meeting?**

Renew your membership by mail.

\$20.00 per member payable to:

**KRWP**

**P.O. Box 961, Berryville, AR 72616**

Include your contact info/email address

### **Accidental Littering?**

You would never toss a beer can or water bottle into the river, right? But loose trash knocking around in the bed of a pickup truck can take flight and end up on the roadside. It happens all the time. A big rain washes litter into the ditch, which carries it to a little local creek. From there may flow into a bigger stream, and perhaps to eventually end up miles away in the Kings River. Being aware of how roadside litter travels could help keep all our rivers cleaner.

### **Current KRWP Board Members**

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