



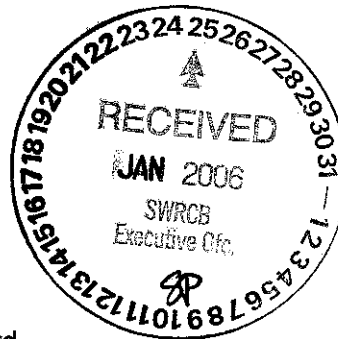
OFFICE OF THE  
CITY MANAGER

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January 23, 2006

303 (d) Deadline: 1/31/06

State Water Resources Control Board  
Executive Office  
1001 I Street, 24th Floor  
Sacramento, CA 95814



Attention: Selica Potter, Acting Clerk to the Board

Subject: State Water Resources Control Board Draft 2006 303(d) List

Dear Ms. Potter:

The City of Chico appreciates the opportunity to comment on the proposed changes to the State Water Resources Control Board Draft 2006 303(d) List and respectively submits the following comments.

The City of Chico disagrees with the staff recommendation to list the Sacramento River from Red Bluff to Knights Landing as impaired for mercury. The City believes that the available data does not support the listing of this stretch of the Sacramento River.

The samples that were used to support the listing were collected at two sites: Arnold Bend near Colusa and one mile upstream of the Colusa Drain outlet at Knights Landing. The Board has previously identified the stretch of the Sacramento River from the Colusa Drain outlet to the Delta as impaired for mercury. The fish samples that demonstrated excessive levels of mercury included largemouth bass and Sacramento pike minnow. Both of these fish species are highly mobile and could easily have traveled from the impaired section of the Sacramento River to the sampling site. As a result, there is no way of knowing the origin of the mercury found in the fish tested at this sample site. Because of the proximity of the sample site to a known impaired stretch of the Sacramento River and the mobility of the fish species tested, the City feels that the data collected at this site is not representative of the stretch of the Sacramento River proposed for listing and should not be used in determining the impairment of the river.

The City also feels that the data used in making this recommendation violates section 6.1.5.2 of the Listing Policy. The sampling sites are not spatially representative of the entire stretch proposed for listing. One mile upstream of Knights Landing is approximately river mile 91 and the Arnold Bend area is approximately river mile 144. The City of Chico Water Pollution Control Plant outfall is located approximately at river mile 194 and Red Bluff is approximately river mile 244. The data used to support this listing does not include any samples taken within 50 miles of the City of Chico's outfall nor in the northern 100 miles of the stretch of the river proposed for listing. The data's spatial representation of the Sacramento River becomes even more suspect when the concerns outlined above regarding the sampling site located one mile upstream from the Colusa Drain outlet are taken into consideration.

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Mercury concentrations in the Sacramento River were analyzed during the 2004 renewal of the City of Chico's National Pollutant Discharge Elimination System (NPDES) permit. All of the samples collected had concentrations below the California Toxics Rule (CTR) human health criteria. While these samples were river samples and not tissue samples, the human health criteria concentrations for mercury in the CTR are calculated with a bio-concentration factor that is used to account for bioaccumulation in tissue. While no fish samples were analyzed for the permit renewal, the City feels that the results of the river sampling provide evidence that the Sacramento River is not impaired for mercury in the vicinity of the City's outfall.

Given the reasons outlined above, the City respectfully requests that the Board take one of two actions. It should defer the decision to list the stretch of the Sacramento River from Red Bluff to Knights Landing as impaired for mercury until more data that is spatially representative of this entire stretch of the river can be collected. Or, it may restrict the listing to a reach downstream of the Butte City Bridge (approximately river mile 169), which is a section of the Sacramento River that is spatially represented by the data.

We would again like to thank the Board for the opportunity to comment and appreciate your efforts in protecting water quality throughout the State.

Sincerely,

City of Chico



Greg Jones  
City Manager

GJ:smc