

**MEMORANDUM**

April 23, 2007

To: RMP Steering Committee

From: Meg Sedlak, Mike Connor and Jay Davis

**Re: Dioxin in Sportfish**

Recently, the RWQCB has requested that the several wastewater dischargers include numerical limits for dioxin in their NPDES permits. In response to this request, BACWA organized a dioxin subcommittee meeting on April 18<sup>th</sup>, 2007. At this meeting, RMP staff provided the BACWA subcommittee with a memorandum summarizing fish and wastewater studies conducted by SFEI. Dioxin was detected in sportfish at a concentration of ~ 1.5 pg/g in white croaker and shiner surfperch which is above the screening value of 0.3 pg/g (see Greenfield et al. 2003). Dioxin has been detected in wastewater (octa and hepta); however, it is not typically the toxic congeners that are observed in fish (tetra and penta). It was noted at the meeting that the detection limits for tetra and penta in wastewater are relatively high.

RMP staff indicated that additional fish tissue remain from 2003 and 2006 sportfish collection events that could be analyzed for dioxin. BACWA members at the meeting indicated that this would be helpful. The cost for the analyses would be about \$12,000 for the 2006 samples and \$7,000 for the 2003 samples. This funding would come from the 2006 unallocated subcontract funds.

## References

Greenfield, B. et al. 2003. Contaminant concentrations in Fish from San Francisco Bay 2000. SFEI Contribution 77. July 2003.