

**Hanson Environmental, Inc.**

132 Cottage Lane  
Walnut Creek, CA 94595  
Phone (510) 937-4606  
FAX (510) 937-4608

*Villa*  
*Sacramento R*  
*Butee Co.*

April 27, 1996

California Department of Fish and Game  
Region II  
1701 Nimbus Road  
Rancho Cordova, CA 95670

Subject: Scientific collection activity associated with the RD1004 Winter-run Chinook Salmon incidental take monitoring program.

Dear Sir:

In response to requirements of the National Marine Fisheries Service biological opinion and CDFandG permits requiring incidental take monitoring for winter-run Chinook salmon, scientific collection activity will be performed by the staff of Hanson Environmental, Inc. at the RD1004 Princeton diversion. The RD1004 intake is located at Sacramento River Mile 164 in the vicinity of Princeton. Fisheries collections will begin in late April and are anticipated to continue through January 1997 or as long as irrigation diversions continue. Fisheries collections will be performed in the discharge of each individual diversion pump using fyke nets equipped with live cars. After collection and processing fish which are alive will be returned to the Sacramento River. Data collected as part of this fisheries monitoring program will include the species composition, number of each species collected during each sample, length statistics, and the presence of fin clips and other distinguishing marks.

These fisheries studies are being conducted as part of a cooperative program with participation by CDFandG and other resource agencies on RD1004 Technical Advisory Committee (TAC). Department personnel serving on the Technical Advisory Committee include Deborah McKee, Dan Odenweller, Nick Villa, and Julie Brown. Weekly progress reports will be prepared and distributed to all TAC participants documenting the collection of fish at the RD1004 site. Specific provisions will be followed for documentation and notification in the event that juvenile winter-run Chinook salmon are collected as part of these studies.

The scientific collection activity will be performed under the overall direction of Dr. Charles H. Hanson (Scientific Collection Permit Number 2580) with the help of on-site staff. Copies of my current scientific collection permit will be available for inspection at the site. Department personnel are welcome to visit the site and observe the scientific collection activities at any time. Complete copies of all data collected as part of this winter-run Chinook salmon incidental take monitoring program will be provided in both hard copy and electronic format to the Department at the completion of this year's investigations.

If you have questions regarding any aspect of this incidental take monitoring program, please do not hesitate to call.

Sincerely,

A handwritten signature in black ink, appearing to read 'CHH', followed by a long horizontal flourish line.

Charles H. Hanson, Ph.D.  
Senior Biologist/Principal

CHH/sgh

CC:

Gary Bailey, RD1004  
Kevin O'Brien  
Nick Villa/Julie Brown, CDFandG  
Dan Odenweller/Deborah McKee, CDFandG  
Ron Brockman/Serge Birk, USBR  
Chris Mobley, NMFS  
Steve Hirtzel, USFWS  
Matt Brown, USFWS