

## CONTRACT SUMMARY

This information will be made available to the public on the State Water Resources Control Board's (SWRCB) Website (see address below).

Use the "tab" and arrow keys to move through the form. If field is not applicable, please put N/A in block.

Date filled out: 11/08/04

<b>A) Contract Information</b> Please use complete phrases/sentences. Fields will expand as necessary as you type.	
1. <b>Contract Number:</b> 041345520	
2. <b>Project Title:</b> DEVELOPMENT OF NEW CHEMICAL METHODS FOR THE DIAZINON REPLACEMENTS	
3. <b>Project Purpose – Problem:</b> (problem being addressed) <i>The purpose of this project is to develop analytical methods to measure pesticides at "environmentally relevant" concentrations (low ppt) in the San Francisco Estuary.</i>	
4. <b>Project Goals:</b>	
<b>a. Short-term Goals:</b> 1) Develop LC/MS-MS and HRGC/HRMS analytical methods for pyrethroids, carbamates, imidacloprid, and piperonyl butoxide 2) Conduct a field study of five San Francisco Bay tributaries in April 2005 3) Compare LC/MS-MS and HRGC/HRMS methods for both field and laboratory samples	
<b>b. Long-term Goals:</b> <i>Develop U.S. EPA approved analytical methods for these pesticides</i>	
5. <b>Project Location:</b> (lat/longs, watershed, etc.) <i>Field study location will be: San Francisco Estuary Watershed</i>	
<b>a. Physical Size of Project:</b> (miles, acres, sq. ft., etc.) <i>The surface area of the San Francisco Estuary is 1196 Mm<sup>2</sup> (USGS). The San Francisco Estuary watershed covers approximately 40% of the state of California (The Bay Institute).</i>	<b>b. Counties</b> included in the project: <i>Alameda, Contra Costa, Napa, San Mateo, Santa Clara, Solano, and Sonoma.</i>
<b>c. Legislative Districts:</b> (Assembly and Senate) <i>16 and 9</i>	
6. <b>Which SWRCB program is funding this contract?</b> Please put an "X" by the one that applies. <input checked="" type="checkbox"/> Prop 13 <input type="checkbox"/> EPA 319(h) <input type="checkbox"/> Other	
<b>B) Contract Contact:</b> Refers to contract project director.	
<b>Name:</b> <i>Daniel R. Oros, Ph.D.</i>	<b>Job Title:</b> <i>Environmental Scientist</i>
<b>Organization:</b> <i>San Francisco Estuary Institute</i>	<b>Webpage Address:</b> <i>www.sfei.org</i>
<b>Address:</b> <i>7770 Pardee Lane, 2<sup>nd</sup> Floor, Oakland, CA 94621</i>	
<b>Phone:</b> <i>(510) 746-7383</i>	<b>Fax number:</b> <i>(510) 746-7300</i>
<b>Email:</b> <i>daniel@sfei.org</i>	
<b>C. Contract Time Frame:</b> Refers to the implementation period of the contract.	
<b>From:</b> <i>September 1, 2004</i>	<b>To:</b> <i>April 1, 2007</i>
<b>D) Project Partner Information:</b> Name all agencies/groups involved with project. <i>San Francisco Estuary Institute, Oakland, CA (Daniel R. Oros, Ph.D.)            AXYS Analytical Services, Ltd., Sidney, BC, Canada (Laurie Phillips)            Applied Marine Sciences, Livermore, CA (Paul Salop).</i>	

<b>E) Nutrient and Sediment Load Reduction Projection (if applicable):</b> <i>N/A</i>	

PLEASE PROVIDE A HARD COPY AND AN ELECTRONIC COPY TO YOUR CONTRACT MANAGER AND YOUR PROGRAM ANALYST WITH YOUR QUARTERLY/MONTHLY REPORT. ALL APPLICABLE FIELDS ARE MANDATORY. IF FIELD IS NOT APPLICABLE, PLEASE PUT N/A IN BLOCK. INCOMPLETE FORMS WILL BE RETURNED. THE ELECTRONIC VERSION OF THIS FORM CAN BE FOUND AT:  
<http://www.swrcb.ca.gov/nps/319hproj.html>.