

## 2005 ISB Work Plan

### Work Plan Purpose

To articulate and communicate planned ISB activities for 2005, aid in planning future meeting agendas, and determine resources needed to support ISB activity.

### ISB Charge

The overarching charge to the ISB is to: "*Directly advise the Authority's governing body on the application of science and the effectiveness of science across the Bay Delta Program*".

### ISB Goals

The following four goal statements were derived from ISB discussions at its first meeting in October 2003. They are intended to summarize how the ISB will operate as an oversight board responsible for looking at science across the entire Bay Delta Program.

- Provide oversight on issues of science throughout the program.
- Promote integration across program elements.
- Focus on large scale, long term issues that affect the entire program.
- Identify scientific issues of fundamental concern to the program and provide recommendations on how they should be addressed.

### Work Plan

The attached table identifies planned activity and a proposed timeframe for several topics that the ISB anticipates working on in 2005. In addition to known listed topics, the ISB anticipates that it will be responding to questions and/or requests posed by the Lead Scientist or the Authority throughout the year.

Throughout their discussions of these issues ISB will seek to identify the highest priority needs for science to support decision-making and report these to the Authority via their annual assessment of the Science Agenda. In all their work products the ISB will explicitly consider future changes in the natural and human drivers of the system and new opportunities that arise including:

- Climate change and variability.
- Population growth and development.
- Availability of new technologies and approaches.

**2005 ISB Work Plan**

Topic	Planned Activity	Timeframe for Completion	Action Product <sup>1</sup>
Performance Measures	<ul style="list-style-type: none"> <li>Develop road map to guide development of performance measures</li> </ul>	Initial May 2005	Original Approach
	<ul style="list-style-type: none"> <li>Test and refine road map</li> </ul>	September 2005	Commentary
<p><b>Delta Improvements Package (Increased Pumping Rates/Long-term EWA)</b></p> <p>Continuing activity – 2005 activities focus on two questions.</p>	<p><b>What science is currently being used to support decision making about delta improvements, and what could be used, both in the short-term and the long-term?</b></p> <p><b>Current</b></p> <ul style="list-style-type: none"> <li>Identify and appraise scientific foundation of source documents, e.g., IEP reports, draft EIS/EIR.</li> <li>Work with the WMSB to address efficacy of current methods for predicting water yield.</li> </ul> <p><b>Future</b></p> <ul style="list-style-type: none"> <li>Work with CWEMF to plan workshop (Fall 2005) to explore use of modeling in anticipating whether increased pumping capacity can provide more flexible approaches to water quality management and ecosystem restoration.</li> </ul>	<p>Initial evaluation May 2005                      Continue throughout EIS/EIR process</p> <p>December 2005</p>	<p>Commentary</p> <p>Original Approach</p>
Levees	<ul style="list-style-type: none"> <li>Subcommittee to prepare ISB recommendation to CBDA based on work of Mount/Twiss/Keller.</li> </ul>	February 2005	Original approach
Integrated Use of Environmental Water	<ul style="list-style-type: none"> <li>Subcommittee to begin evaluation of use of current resources including EWP, EWA, CVPIA b2 &amp; b3 water</li> <li>Subcommittee to develop recommended approach for more detailed evaluation</li> </ul>	Update February 2005	Commentary

<sup>1</sup> Actions/products identified under the "Planned Activity" column in the table refer to specific deliverables as defined in the draft Operating Guidelines for the ISB. Abbreviated definitions for these six types of activities are provided at the end of table.

<b>Use of science in system-wide decision making</b>	<ul style="list-style-type: none"> <li>• Continue survey of existing monitoring programs and assess their utility in addressing selected hypotheses underlying the program.</li> </ul> <p>Explore the formation of technical panel to evaluate potential for an integrated observation and forecasting system for the Bay-Delta and its watershed.</p>	February 2005  Charge Feb 2005 Interim report December 2005	Original approach
<b>Water Quality</b>	<ul style="list-style-type: none"> <li>• Board discussions to refine focus in early 2005.</li> </ul>	TBD	
<b>Lead Scientist/Authority Requests</b>	<ul style="list-style-type: none"> <li>• To be determined.</li> </ul>	Throughout year.	TBD
<b>Legislative Directive</b>	<ul style="list-style-type: none"> <li>• Individual Board members work with Science Program to develop plan for research to answer the Legislatures question regarding how much water is necessary for the full recovery of all delta dependent special status fish species?</li> <li>• ISB defines its role in the strategy</li> </ul>	Prior to February 2005	
<b>ISB Annual Review of Science Program</b>	<ul style="list-style-type: none"> <li>• Review and comment on science activity within the program.</li> <li>• Comment on: <ul style="list-style-type: none"> <li>- Science practices</li> <li>- Planned investments</li> </ul> </li> </ul>	Plan Review in February 2005  December 2005	Review/Commentary
<b>ISB Annual Report</b>	Prepare annual report summarizing 2004/5 activity of the ISB.	Draft September 2005 Final December 2005	Original Approach

Actions/Products

**Consultation** - oral advice on a technical issue prior to having staff begin substantive work on that issue.

**Advisory** - written advice on technical works-in-progress.

**Review** - assessment on the application of science within CBDA, including how scientific reviews are being organized and how recommendations are being used.

**Commentary** - forward-looking comment in the form of a short communication.

**Original Approach** - original ideas and suggestions developed by the ISB regarding emerging or overarching scientific or technical issues.

**Briefing** - presentation and other information provided to the ISB regarding pertinent scientific and technical issues and activities.