

From POP2-Server@honcho Mon Jan 6 11:51:36 1997  
Return-Path: <JARTHUR-IBR21E@ibr2gw80.mp.usbr.gov>  
Received: from zephyr.water.ca.gov by honcho.water.ca.gov  
(4.1/EXEC-1.1)  
id AA22124; Mon, 6 Jan 97 15:39:23 PST  
Received: from mpbackup.mp.usbr.gov (mpbackup.mp.usbr.gov  
[140.214.12.42])  
by zephyr.water.ca.gov (8.8.4/8.8.4) with SMTP  
id PAA27030 for <ddaniel@water.ca.gov>; Mon, 6 Jan 1997  
15:25:16 -0800 (PST)  
Received: from ibr2gw80.mp.usbr.gov by mpbackup.mp.usbr.gov  
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id AA04695; Mon, 6 Jan 97 15:24:55 PST  
Received: from ibr2dm80-Message\_Server by ibr2gw80.mp.usbr.gov  
with Novell\_GroupWise; Mon, 06 Jan 1997 15:24:55 -0800  
Message-Id: <s2d11947.066@ibr2gw80.mp.usbr.gov>  
X-Mailer: Novell GroupWise 4.1  
Date: Mon, 06 Jan 1997 15:28:13 -0800  
From: James Arthur <JARTHUR-IBR21E@ibr2gw80.mp.usbr.gov>  
To: ddaniel@water.ca.gov  
Cc: EHOWARD-IBR21E@ibr2gw80.mp.usbr.gov  
Subject: ERP  
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JARTHUR  
1/6/97

To: Dick Daniels, CALFED  
From: Jim Arthur, Reclamation  
Subject: Comments on ERP-Table 8

Again, I believe your heading in the right direction with your vision statements, objectives, and targets. However, as you are well aware- the devil is in the details.

Instead of trying to provide a lot of detailed comments (which I'm not sure would help much at this point), I have some cheap advice.

1. I suggest you have some of your staff or consultants read the AAAS

book "San Francisco Bay the Ecosystem" and prepare some summaries of the primary findings. I haven't had the chance to read through everything myself but there appears to be a number of chapters that have up-to-date information and recommendations in areas that you need to be concerned with in your plan. For example, I mentioned Alan Jassby's chapter on carbon sources at fridays meeting but there are also chapters by Ray Krone on sediment input, Larry Schemels work on nutrients, etc. Many of the presentations are very technical, hence I think if you could get someone to pull out the main points it would help a lot.

2. Friday's meeting was pretty well dominated by several people-with good intentions but not a lot of knowledge in some areas. For example, a lot of time was spent discussing restoring the hydrograph to a more natural state. There seemed to be a lot of misinformation. For example, if you look at sediment input I think you will see that it largely enters the system in very large, unregulated storms. Releases of reservoir water at other times probably won't achieve your objective. I've done some looking at this as well as others like Ray Krone, Larry Schemel, etc. Also, in my opinion, there isn't much need to restore the hydrograph in normal and above normal water years. The primary problems occur in the below normal and critical years (we looked at this subject in our chapter of the AAAS book- which you have an earlier draft of). These periods present some real problems and require creative thinking to come up with good alternatives.

My bottom line on this is that I suggest you take some of these tougher problems, put together a small panel of people that have a good understanding of specific subjects, and let them work on solutions. You will have plenty of chance for review by others.

3. I was happy to hear you say at the first of the meeting that the Yolo Bypass has a lot of potential in a restoration plan. Ditto the Sutter Bypass. You know where I am on this so I won't repeat all of it again. I do have another thought for you that might help. Any plan will need to deal with getting many of the Delta Islands back up to sea level-particularly those in the western Delta. If the Yolo Bypass is turned into a multi-purpose facility, you would have a lot of fill material that could be readily barged to the Islands. Hence, increasing the flood and storage capacity of the Bypasses and helping to solve the stability problems on the Islands.

If I can help in any way- give me a call. Jim

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