

BLUE BREAKOUT GROUP

FEB 27 1996

Introduction**Rick****Breitenbach**

Introduced himself and other facilitators to the breakout group. Reiterated Lester comments that the list of alternatives represents a good start to developing the solution. The CALFED program still has a long way to go. Reviewed the goals of the breakout session and the process which would be used during the breakout session to accomplish those goals.

Dale Flowers

Went over the ground rules for the breakout sessions. Reviewed the agenda:

1:00-1:15	Introduction
1:15-1:45	Question and Answers - General
1:45-2:30	Category Likes - what participants liked about each a category
2:30-3:15	Category Improvements - what improvements could be made
3:15-3:45	Refinements - How could alternatives, actions, categories be refined
3:45-4:00	Summary

Question and Answers**D. Flowers**

Outlined process for this session. Indicated that not all questions would be answered in this session. Some questions would be addressed in a later session, other might not be addressed, but all will be recorded and passed on the CALFED program team.

Stuart Pyle

(KCWA - BDAC) How are individual comments from water districts and agencies being handled?

R. Breitenbach

Comments would be address by the program team as they are received. It is preferable to receive comments in writing. Comments recorded today will be reviewed. Written comments are encouraged to be submitted in writing by Friday, March 8 (this was later changed to Monday, March 4).

Ann Notthoff

(NRDC - BDAC) Will there another document?

R. Breitenbach

Yes, to BDAC.

Dick Harter

(Retired farmer, naturalist) How is the CALFED program projecting population growth and growth in water needs.

Edward Steffani

(Stockton East Water District) For what term is CALFED trying to solve the problem? Is it an immediate fix, a 20 year fix, or an ultimate fix?

R. Breitenbach

There is an immediate, intermediate, and a long-term solution, which will be phased over a period or time. The year 2020 might be the timing horizon, but that has not been determined yet.

E. Steffani

Where do the number in the alternative come from? Specifically the number of

- E. Steffani Where do the number in the alternative come from? Specifically the number of 7,000 cfs for a small isolated Delta conveyance facility?
- Loren Bottorff The alternative should present a range based on all or a portion of the existing export capacity. Small indicating something less than the capacity of the export facilities.
- Sina Darabzand *(DWR)* The 7,000 cfs is related to M&I needs and water quality objectives for the same. Isolated facility is trying to facilitate good quality water for M&I export users.
- John Mills *(Representing Regional Council of Rural Counties)* On ecosystems: the ecosystem is much larger than that considered by CALFED. The ecosystem covers the Bay-Delta to the headwaters of its tributaries. The Sierra Nevada Ecosystem Project is about to issue a report (May) which will contain 1000's of pages of discussions on the health of the Sierra Nevada watershed. What provisions does CALFED have to include this information?
- William Dunn *(Director, Calaveras County Water Agency)* How will M&I water conveyed in a small isolated facility be separated from Ag water in the south of Delta conveyance facilities?
- S. Darabzand It would be an issue of scheduling. Haven't determined the exact procedure, but it could be done.
- R. Breitenbach The isolated facility does not have to convey just M&I water.
- L. Bottorff Blending small isolated facility water with south Delta export water will improve water quality for all.
- Adrienne Alvord *(Community Alliance w/ Family Farmers)* Lester said we would not solve a problem in one area by creating a problem in other areas. How will or is CALFED dealing with the issue of collateral and third party impacts?
- R. Breitenbach The solution principals require that problems will not be redirected.
- A. Alvord What do CALFED mean by significant impacts and in what areas?
- Bill Jacoby *(SDCWA)* What do we mean by demand management?
- Ann Notthoff *(NRDC - BDAC)* Demand management can be implemented in any alternative at various levels. Core actions represent actions that should be included at at least a minimum level, but it implementation above the minimum level can change in any alternative.
- Bob Mott *(Consulting Economist)* Alternatives are qualitative in description of benefits. Can't judge tradeoffs, which are better, can't judge weighting and cost.
- Wolfgang Do we have any/enough information to make these evaluations?
- Dianne (sheet 4) How much were impacts considered when alternatives were developed?
L.B. Tried for balance?
Low improvement across the board.

- R.B. ???
- John (1st row) When are we going to deal with collateral impacts and impacts? How will impacts be evaluated?
- Steve Everybody asked what are we going to do?
Participants
- John (1st row) Two classes of water: outflow/export. Are these the two classes of water being conserved?
- R.B. Goal is to solve problems not just outflow/export - upstream.
- John (1st row) Base presumption is to assume all undeveloped water will go to Delta and won't be used upstream. Area of origin.
- Adrienne What are participants going to do? How will comments be incorporated in? How do we make constructive/effective input?
- Mary S. (*CALFED*) ??????? cited previous survey. Not all comments are incorporated because of time schedules.
- Lynn O'Leary (*Corps. of Engineers*) Core Actions - long-term levee maintenance plan. Her favorite. This action needs to be incorporated.
- Ed Do all alternatives provide the same amount of water?
- R.B. No. We are not at that point.
- Ed How do we measure/evaluate whether to keep or eliminate alternatives?
- Eric Performance measures. Will we be using modeling?
- Dennis All alternatives imply how things should be. What is the goal?
- R.B. Define problems. What actions do we need to implement.
- Dennis Systematic approach rather than an holistic approach.
- R.B. Difficult to do holistically
- Jud Monroe (*Consultant for MWDSC*) How will we/did we go from 100 alternatives to 20? What is the process for evaluating combining alternatives?
- Stu (answer) We are relying on objectives and solution principals on a qualitative level to evaluate to this point. Team (*CALFED/Consultants*) rely on experience.

CATEGORY LIKES

- L.B. Identifies categories.
- Dale Process of filing out cards. Group identifying what they like.

--AFTER BREAK--

Category 1

- John Mills Likes it. Ecosystem approach.

Dennis Alternatives 5, 6-9 give most bang for buck in terms of ecosystem vest. Good mix of actions.

Stu Demand management; operational improvements and removes controversy once they are a core action.

Dick H. Good ecosystem.

Diana Screens

Eric Conservation reclamation.

Adrienne Emphasis on habitat restor/demand management

Wolfgang Strong ecological approach. New flows/addition.

Sina Lowest cost.

Ann Easiest to permit.

Ed Reduced pumping.

Category 2

Edward Alternative 13 if staged for development.

Dennis

Stu Full spectrum of activities.

Bob Above most realistic new facilities.

Dick Capture flows upstream/watershed.

William More balanced level - incorporates good items from Category 1.

Bill Water quality.

Lynn At least mod. levee improvement.

Wolfgang Hydraulic structures and impacts.

Adrienne Same possibilities.

Indd Likes a lot -- all with other accessories; south of Delta Storage transfers.

Category 3

John Part of larger statement. Recognizes need for sign. New storage.

Lynn Extensive levee improvements.

Stu Works are part of solution.

Dennis Restore flow patterns.

??? Realistic what needs to be done.

Judd Downstream storage.

Sina Most reliable water supply.

Dianne Upper Sacramento River restoration.

Addrienne Like all except relocation of diversion.

Wolfgang Technically controllable.

??? Alternative 13 put natural flow patterns back in river.

John Assures no project alternative is not acceptable.

Dick Creation of new water - Category 3 - ??? management

Dennis New thoughts -- chain of lakes?

Dale Asked everybody to turn in cards.

*Next Session - How do we improve?***Category 1 - Improvement**

Ed	Goal is undefined and
Addrienne	Category 1 alternatives are not aggressive enough
???	Needs more guarantees.
Dick	Doesn't address ?????
Dennis	Needs feedback system, good as starter.
John	Soft pack solution. Focus is narrowed to areas with little return - good for incremental gains.
Lynn	More levee improvements.
Jeff	Move levee improvements plus habitat restoration (more aggressive).
Dianne	Not aggressive enough. Should be more aggressive in habitat. Extensive habitat is not extensive enough because it does not address flood control reop.???
Stu	Evaluation regarding redirected impacts.
Judd	More extensive distribution of habitat type improvements. No solution for SJR (east side) wq. and fishery.
Wolfgang	Too long term.
Mary	Hoping to hear suggestions about how to improve category.
Diane	That was her intent - extend habitat upstream of Delta.
Addrienne	More aggressive research/implementation on any practices to improve fisheries.
John	Upstream habitat/vegetation management.
Judd	Definition of shallow water habitat is too narrow. Also need much wider class and distribution of habitat improvements.
Dennis	Why does it need in-Delta storage?

Category 2 - Improvement

???	Relocation of diversion upstream.
Judd	Does not address bromides.
John	Too narrow about location of storage facilities south of Delta. No conjunctive use. Lack of commitment in ecosystem improvements.
Judd	Not balanced with storage/conveyance.
Bob Mott	Basic pollution control? More objective measurements.
Addrienne	Depends on how actions are drawn together.
Jeff	More emphasis on water transfers.
Edward	More definition on terms/goals. Alternative B - stages of development. Adaptive management in implementation.
Dick	Relies heavily on purchase of 100 TAF from SJR. No indication of benefits of that water.
William	Expand to include all of Category 1. Small delta facility.
Edward	100 TAF of SJR conflicts with area of origin which would need that water some day.

Category 3 - Improvements

Dennis Who will operate?
 Jeff How will water transfers be implemented?
 Adrienne Link with developing and receiving water/operations. More coordinated planning.
 Stu Problem with large isolated facilities. Expensive. Guarantees for Delta water.
 Dick Encourage small projects (ponds) by farmers. More aggressive farming practices.
 Bill If a number of entities are paying for these large projects, what are the guarantees?
 Ann What if you can't meet objectives?
 John Abandons premise of conjunctive use groundwater management.
 Edward Not enough analysis of what benefits are associated with conjunctives use. Change operations using gus for carryover storage/drought banking.
 William Alternative 8.
 Judd A lot could be improved by specifying we are not talking about Los Banos Grande as south of Delta storage.
 Diane Name names of new storage.
 Ann In Delta storage.

All Categories

William
 Edward There is no way to evaluate.
 Adrienne
 John Optimistic, but expensive and divi???? look at existing facilities that can bypass Delta.

Refinements

(Dale explains process)

Dennis Would like to see a super soft solution.
 R.B. Extensive habitat/demand management.
 Jeff Eliminate 4.
 Wolfgang What is the goal? How much water do we need? Once we know how much water we could develop more viable, phased solution strategies.
 R.B. Do you have any sense what the goal would be (quantity of water)?
 Ed Determine how much water is available to put into isolated facility. Develop in stages.
 Stuart First Alternative 1 build into core demand management program. Second Alternative 6 core restoration. Does CALFED want to spend time evaluating alternatives that are not economically feasible?
 Supports Alternative ????

L.H. In-Delta storage does not buy you a lot of flexibility, decreases w.q. Not sure that 100 TAF of in-delta storage should be a given.

Juda Need to present alternatives as packages which include impact mitigation measures.

John (TAPE) System vulnerability

Sina Mitigation. NEPA/CEQA
Ed Total dollar amount is not important. It is the amount of water and environmental benefit we get for those dollars.

William
Mark Frustration with lack of detail and lack of ability to judge alternatives based on details. Everybody agrees that habitat needs to be added at various levels. We aren't looking broadly enough.

Judd Core actions should be more flexible, include all but be flexible as to implementation level.

Summary

Rick B. (TAPE)

Comments

Ann
Ed What are trying to do?

Bob M. Objective goals/objectives achievements.

John Broader scope. Need to address whole ecosystem to ?????? ?????