

PARTICIPANT WORKSHEET

WORKSHOP 7 -- 3 DRAFT ALTERNATIVES

Please use this worksheet to help guide your participation at the June 25 workshop. The worksheet poses a series of questions which you should consider in light of the information presented in this packet. We ask that you read through the questions in advance of the workshop. If time permits, please write down your comments on these worksheets. Your preparation in advance can help ensure that you are ready with comments for the question and answer portions of the meeting. The comments will be compiled, and will be considered by staff as they continue work on refinement of the 3 alternatives.

I. Questions and Comments about Components

What questions or comments do you have about the components of the alternatives?

- water quality
- levee stabilization -- reducing system vulnerability
- ecosystem restoration
- water use efficiency
- storage

1. what are the specific objectives you're trying to achieve with each.

For example, I disagree with statement on page 2 of refinement process - no alternative to single comprehensive plan. It depends on how much we are willing to pay - directly and indirectly. ←

2. Are funds unlimited here? How does one know when it's the right time to stop?

3. what are the specific actions of the core elements?



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II. Comments on Alternatives

What questions or comments do you have about the three alternatives?

- Existing System Reoperation Alternative
- Through Delta Alternative
- Dual Delta Conveyance Alternative

III. Comments on Phase I and Suggestions for Phase II

- What do you consider to be the strengths and weaknesses of Phase I?
1. lack of specific objectives/subobjectives *2. Lack of specificity of core actions*
- What suggestions do you have for staff for refining the 3 alternatives during the Phase II EIR/EIS process?



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I. Questions and Comments about Components

What questions or comments do you have about the components of the alternatives?

- water quality How do you address water quality concerns in the brackish to salt estuary. Estuarine organisms and processes extend clear out to the
 - levee stabilization -- reducing system vulnerability Farallones, and outflow is important for past the 2 PPT line. What will be done to restore the island interiors to sea level +.
 - ecosystem restoration The ecosystem extends far outside the Golden Gate & apparently trivial effects as yet unstudied can be significant. Who is looking out
 - water use efficiency for these effects & who is paying? Risks borne by people not benefitting from water diversions: i.e. fishermen
 - storage only, to that used. SWRC should remind everyone - no right to use water diverted.
- Surface storage in an arid area is unreasonable.

(Also see next page)

At some point you need to explain to Jason P and others advocating more storage and expanded supply that we are at a point of diminishing returns and that in a physically limited environment. Wanting more water to be discussed must be coupled with wanting to pay much more for it, and Jason's forefolds don't have their wallets out.

Land retirement is happening without CALFED, after land is insolvent/ rendered incapable of producing crops, and there is no mechanism to recoup costs to public, future opportunities. Retirement could intervene BEFORE land and its owners are ruined.



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II. Comments on Alternatives

What questions or comments do you have about the three alternatives?

- Existing System Reoperation Alternative *There is a long way to go here before we need to undertake other 2*
- Through Delta Alternative *Big uncontrolled experiment, hard to adaptively manage with no experimental design revealed yet.*
- Dual Delta Conveyance Alternative *Even less uncontrolled experiment and even harder to analyse, or adaptively manage.*

Does dual supply offer BIG advantage to supply reliability without benefitting system integrity? Violates equity principle!

Need to be clear area of origin is required to meet same water use efficiency requirements applied elsewhere in service area, pay for benefits at same rates.

Ignore assertion "Environmentalists who don't pay for water, will only take it away." Taxpayers paid for the water, and farmers are degrading it disproportionately.

III. Comments on Phase I and Suggestions for Phase II

- What do you consider to be the strengths and weaknesses of Phase I? *Weakness - water supply people are not putting heat on water quality people to protect water - but on more remote and pristine source access, greatest harm to least degraded systems.*
- What suggestions do you have for staff for refining the 3 alternatives during the Phase II EIR/EIS process?

See I, box 4 Water use efficiency can be estimated by water applied versus water returning to the system - or - water required to produce a good versus water required to produce the same good by a different method of lesser water use. Which will you use to determine efficiency?



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*Row SPITZ
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San Francisco, Calif.*

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I. Questions and Comments about Components

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- water use efficiency
- storage

*How will the canal proposed in Alternative III
affect water quality + flows in the delta. How
will it relate to storage?*

*The canal seems to only help Southern California
water problems.*

*Additionally, the canal has already been
voted down by California voters!*



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II. Comments on Alternatives

What questions or comments do you have about the three alternatives?

- Existing System Reoperation Alternative
- Through Delta Alternative
- Dual Delta Conveyance Alternative ;

How does the peripheral canal help the Delta? This appears to be a sell out alternative to Southern California interests and makes CALFED appear as a sell out.

III. Comments on Phase I and Suggestions for Phase II

- What do you consider to be the strengths and weaknesses of Phase I?
- What suggestions do you have for staff for refining the 3 alternatives during the Phase II EIR/EIS process?

Weakness of phase I → no explanation of how 3 alternatives were reached.



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{ SORRY This is handwritten - feel free to call for clarification }
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OTHER THOUGHTS ON ECOSYSTEM RESTORATION:
rather than always aiming at a particular historical condition, may need just to allow, enable, or recreate functioning, self-sustaining systems - the best we can give the environment we now have (e.g. SACRAMENTO'S location etc)

MAJOR COMMENT ON ECOSYSTEM RESTORATION: How might want to clarify whether the purposes of this component are for 1) to increase productivity of delta species as in-kind replacement for impacts to diversion 2) to increase productivity of other ecosystem benefits as out-of-kind replacement or compensation to public at large (for negotiating purposes w/ environmental commun.?) or 3) to mitigate CEQA/NEPA impacts, e.g. from ^{new} construction + changes in operation or 4) all three.

Specific comment! p.40 - WQ - in addition to "wetlands" for water treatment, riparian bufferstrips also are valuable. p.41 - WATERSHED MGT - be clear to indicate CALFED will work with existing local groups + help them NOT take them over! pp.52,56,59 - "Env. benefits" of storage -> not necessarily true



if dams interrupt sediment supply to river system - see over ->

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II. Comments on ~~Alternatives~~ PHASE II studies

What questions or comments do you have about the three alternatives?

- Existing System Reoperation Alternative
- Through Delta Alternative
- Dual Delta Conveyance Alternative

NOTE: ANY NEW meander zones will need a massive Redesign of the Suisun Flocculation System. IN fact even "minor" changes in levee maintenance (sep. 50) may need major engineering studies of the system (also setbacks)

There needs to be a recognition that waterways are conveyor belts of sediment. Not only should there be studies in hydrology + hydraulics, there needs to be much more info. developed about sources + sinks of sediment. For example, page 53 states that "reestablishment of meander belts" may increase downstream sedimentation. The news is — the river is still meandering, what is needed is to keep from preventing it in the future + to keep habitat from being closed as soon as it develops. If sediment is kept from the system by weirs or DAMS, the rivers become sediment hungry + erode downstream banks → therefore be careful of messing with the sediment balance. What channels in the Delta are depositing, which are

III. Comments on Phase I and Suggestions for Phase II

- What do you consider to be the strengths and weaknesses of Phase I?
- What suggestions do you have for staff for refining the 3 alternatives during the Phase II EIR/EIS process?

IF the ultimate sinks of sediment are the Bay/Delta other Delta channels — we need to be cautious of automatically assuming that the upstream fluvial systems are out of balance. It may not be possible to avoid all sedimentation downstream short of robbing the waterway banks of their sediment.

Recovery? why? These needs to be studied in order to provide shallow water/wetland/rivine habitat.



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P.S. studies of geomorphology should include looking at impacts of gravel mining ex. San Joaquin Tribs/cottonwood creek etc