

| Levee System Integrity Issues--Page 1 | When | | | Elevate | Type | | Workplan Efforts | Agency Participants |
|---|------------|-------|-----------|-----------|----------|---------|---|------------------------|
| | Prof. Alt. | Final | Phase III | | Decision | Process | | |
| There is concern that the cost of implementation may exceed the benefits; Program goals must be clear and alternative forms of risk management should be considered. | | | x | no | | x | Levees and Channels Technical Team is working on setting the local cost share to a level that controls marginal investments. L&CTT meet monthly. All agencies are encouraged to attend. | DWR, DPC, USACOE, DFG |
| Proper integration of the Levee, Water Quality, and Ecosystem program elements is essential and may require a specific management entity to assure integration. In particular, levee and ecosystem restoration objectives may be challenging to achieve simultaneously. | | | x | no | | | The CALFED program managers are developing an integration plan. The plan will be coordinated with L&CTT, Conservation Strategy, and BDAC. | DWR, DPC, USACOE, DFG |
| Levee strengthening and the proposed design of setback levees results in the conversion of productive agricultural land. Government land acquisition and continued private land ownership must be evaluated. | | x | | no | ? | ? | As part of the eco/levee/conveyance integration, CALFED will coordinate with landowners on this issue. Ideas?-Establish a policy to minimize the impacts to Ag land and work with the owners to establish acceptable uses on levee berms. Acquire an easement, not fee title ? | ? |
| There is concern that support for the levee restoration program would wane if an isolated facility were built. | x | | | Not Yet ? | | x | CALFED staff is planning to draft an assurance agreement that addresses this issue. | None |

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| | Pref. Alt. | Final | Phase III | | Decision | Process | | |
| There is concern that levee system integrity cannot be sustained if Delta land uses continue to cause subsidence; subsidence reversal should be a more prominent part of this program element. | | | X | no | | X | The Subsidence Subteam of the L&CTT is working on this issue. The Levee Program will address levee integrity including subsidence near the levee. | DWR, DPC, USACOE |
| A major levee improvement program may require substantial dredging in the Delta and rivers, and this dredging may adversely affect water quality and sensitive fish and wildlife resources. | | | X | no | | X | CALFED is coordinating with the CVRWQCB, DFG, USFWS, USACOE and NMFS at the Delta Levees and Habitat Advisory Committee meetings and the L&CTT. Progress has been very slow. Have \$500,000 in Category III funding to study dredging in the Delta and the reuse of dredged material. | CVRWQCB, DFG, USFWS, USACOE and NMFS |
| The long term sustainability of levee maintenance and associated agricultural activities needs to be evaluated with particular emphasis on areas with peat soils and identification of financial and policy incentives and disincentives to maintain levees. | | | X | Not Yet? | | X | The L&CTT will work on this issue. Idea?-Set the local cost share to a level that controls marginal investments. Same issue as #1 issue above? ?CALFED has indicated that the Delta should remain in its present form? | None |

| Levee System Integrity Issues--Page 3 | When | | | Elevate | Type | | Workplan Efforts | Agency Participants |
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| <p>Some stakeholders feel that the Suisun marsh levees should be included in the levee program. DFG feels that they should be included in the Emergency Response element of the Levee Program.</p> <p>Note: Scope of project component is not well defined. Cost estimate not available. However, depending on what is included it could be a very significant cost.</p> | x | | | yes | x | | <p>The L&CTT has discussed this issue.</p> <p>CALFED staff can refine project component and cost and send to Management Team and Policy Group for a decision.</p> | DWR, DPC, USACOE, DFG |
| <p>Some stakeholders feel strongly that the environmental regulatory process is confrontational, non-responsive, and a very low level of trust exists. They routinely refuse to have regulators survey their property because they feel it will be used against them. They feel the system is not working.</p> <p>Controlling levee and channel vegetation is routinely delayed or precluded due to impacts to endangered species. Vegetation is often removed in the cover of night. Levees and channels are kept striped of vegetation to avoid the delay of environmental documentation and mitigation.</p> <p>To improve the system a certain level of synergy must be developed.</p> <p>Stakeholders want an assurance that this issue will be resolved before they buy into the Solution.</p> | x | | | no | | x | <p>Levees and Channels Technical Team feels that the resources need to be separated wherever possible to avoid future conflicts. CALFED has contracted with DFG to develop an environmental documentation and permit coordination process for all CALFED implementation actions.</p> <p>Ideas-?Set baseline values, institute HCP, encourage landowner revegetation with safe harbor agreements, build better working relationships based on trust and goodwill?</p> | DWR, DPC, USACOE, DFG |

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| <p>The levee Program will address Subsidence that affects <u>levee integrity</u>. The ERP will address subsidence <u>where opportunities exist for habitat restoration</u>. However, there isn't a CALFED program that addresses subsidence on inter-island areas that don't fit the cases listed above. The Natural Heritage Institute voiced concern with this issue at a L&CTT meeting.</p> <p>Note: There are significant stakeholder concerns with subsidence control if inter-island areas because it would take a lot of prime Ag. land out of production. Most islands aren't subsiding at a rate that would take them out of production in 100 years. Subsidence stops when peat soils are oxidized and gone.</p> | x | | | yes | x | | <p>Frame issue for Management Team and Policy Group for a decision.</p> <p>Note: The L&CTT has a Subsidence Subteam that works on levee integrity subsidence issues.</p> | DWR, DPC, USACOE, DFG |