

**POTENTIAL ASSETS FOR LATE STAGE 1 IMPLEMENTATION**

<b>ASSET DESCRIPTION<sup>1</sup></b>	<b>EXAMPLES OF HOW ASSET COULD BE APPLIED</b>
<b>INCREASED BANKS PUMPING CAPACITY</b>	<ul style="list-style-type: none"> <li>• Increase pumping to 8,500 cfs (mid-stage 1 asset)</li> <li>• Increase pumping to 10,300 cfs</li> </ul>
<b>EFFICIENCY INVESTMENTS</b>	<ul style="list-style-type: none"> <li>• ULFT Program: Could result in gains on the order of 120,000 af/yr mainly from implementation of state-wide program</li> <li>• Other ag/urban reclamation projects?</li> </ul>
<b>GROUNDWATER SUBSTITUTION PROJECTS (WITH ARTIFICIAL GROUNDWATER RECHARGE)</b>	<ul style="list-style-type: none"> <li>• <u>Southern Sacramento County (near Galt)</u>: potential to fill pumping depression – at least 300,000 AF</li> <li>• <u>East San Joaquin Basin</u>: potential storage capacity up to 3,000,000 AF</li> <li>• <u>Gravelly Ford</u>: approximate capacity 100,000-200,000 AF</li> <li>• <u>Madera Ranch</u>: approximate capacity 300,000-400,000 AF</li> </ul>
<b>IN DELTA STORAGE</b>	<ul style="list-style-type: none"> <li>• Potential for use of in-Delta islands</li> </ul>
<b>SHASTA DAM EXPANSION</b>	<ul style="list-style-type: none"> <li>• Raise Shasta Dam to increase storage capacity 290,000 AF</li> </ul>

<sup>1</sup> A number of the summaries of potential Late Stage 1 Assets have not been completed and/or are being reevaluated for consideration. These assets include: Groundwater Storage, Blending, Shifting Refuge Water Supplies, Altering Flood Control Diagrams, and Flexing Existing Standards.

02/13/02

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<b>ASSIGNMENT (PRESENTATION DATE NOT YET DETERMINED)</b>	<b>ASSET</b>	<b>EXAMPLES OF HOW ASSET COULD BE APPLIED</b>
<b>CURTIS CREEL</b>	<b>INCREASED BANKS PUMPING CAPACITY</b>	<ul style="list-style-type: none"> <li>◆ Increase pumping to 8,500</li> <li>◆ Increase pumping to 10,300 cfs</li> </ul>
<b>DAVE FULLERTON</b>	<b>EFFICIENCY</b>	<ul style="list-style-type: none"> <li>◆ ULFT Program: Could result in gains on the order of 120 kaf/ yr mainly from implementation of state-wide program</li> <li>◆ Other ag/urban reclamation projects?</li> </ul>
<b>ANTHONY SARACINO</b>	<b>GROUNDWATER SUBSTITUTION PROJECTS (WITH ARTIFICIAL GROUNDWATER RECHARGE)</b>	<ul style="list-style-type: none"> <li>◆ <u>Southern Sacramento County (near Galt)</u>: potential to fill pumping depression – at least 300 TAF</li> <li>◆ <u>East San Joaquin Basin</u>: potential storage capacity up to 3 MAF</li> <li>◆ <u>Gravelly Ford</u>: approximate capacity 100-200 TAF</li> <li>◆ <u>Madera Ranch</u>: approximate capacity 300-400 TAF</li> </ul>
<b>ANTHONY SARACINO</b>	<b>GROUNDWATER STORAGE</b>	<ul style="list-style-type: none"> <li>◆ Drought Water Bank: Butte Basin</li> <li>◆ Yolo County</li> <li>◆ West Central Basin</li> </ul>
<b>LYNDA SMITH</b>	<b>BLENDING</b>	<ul style="list-style-type: none"> <li>◆ Use available supplies to reduce diversions at some periods and blend with higher quality water to improve water quality</li> </ul>
<b>GREG GARTRELL, DAVE FORKEL</b>	<b>IN DELTA STORAGE</b>	<ul style="list-style-type: none"> <li>◆ Potential for use of in-Delta islands</li> </ul>
<b>LOWELL PLOSS</b>	<b>SHASTA DAM EXPANSION</b>	<ul style="list-style-type: none"> <li>◆ Raise Shasta Dam to increase storage capacity 290 TAF</li> </ul>
<b>JOEL MILLER/USBR</b>	<b>SHIFTING REFUGE SUPPLIES</b>	<ul style="list-style-type: none"> <li>◆ Increase efficiency?</li> <li>◆ Use of refuges as short-term storage projects?</li> <li>◆ Shift refuge water to EWA?</li> </ul>
<b>MIKE FRIS/ACOE</b>	<b>ALTER FLOOD CONTROL DIAGRAMS</b>	<ul style="list-style-type: none"> <li>◆ ?</li> </ul>
<b>MIKE FRIS, BRUCE HERBOLD, PETE RHOADS</b>	<b>FLEXING EXISTING STANDARDS</b>	<ul style="list-style-type: none"> <li>▪ Potential/ability varies depending on regulatory process, standard and environmental conditions</li> </ul>

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<b>JOEL MILLER/USBR</b>	<b>SHIFTING REFUGE SUPPLIES</b>	<p>Investigate the following:</p> <ul style="list-style-type: none"> <li>◆ Diversify sources of water for refuges</li> <li>◆ Borrow acquired refuge water for EWA</li> <li>◆ Increase conveyance efficiency</li> <li>◆ Use refuges as small-scale storage projects</li> </ul>
<b>MIKE FRIS/ACOE</b>	<b>ALTER FLOOD CONTROL DIAGRAMS</b>	<ul style="list-style-type: none"> <li>◆ May be limited to small scale efforts on the San Joaquin and Stanislaus Rivers</li> <li>◆ Pursue other small-scale projects in Stage 1 in addition to above efforts</li> </ul>
<b>MIKE FRIS, BRUCE HERBOLD, PETE RHOADS</b>	<b>FLEXING EXISTING STANDARDS</b>	<ul style="list-style-type: none"> <li>◆ Potential/ability varies depending on regulatory process, standard and environmental conditions</li> </ul>

02/05/02

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