

## 2006 South Central Texas Regional Water Plan Water Management Strategy Summary Sheet

<p style="text-align: center;">Unit Cost (\$/acft/yr)</p>	<p><b>Name:</b> LCRA-SAWS Water Project (LSWP) – Bastrop to Hays County</p> <p><b>Description:</b> This water management strategy is based on the delivery of 18,000 acft/yr of water to Hays County from the Colorado River near Bastrop. Facilities include an intake, pump station, off-channel reservoir, and a water treatment plant in Bastrop County; a primary intake and pump station; a 30-inch 35-mile transmission pipeline to Hays County; and distribution system improvements for integration of the additional supply.</p> <p><b>Decade Needed:</b> 2020 – 2030</p>												
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<p style="text-align: center;">Impact (ac)</p>	<p><b>Additional Considerations per Regional Water Planning Guidelines</b></p> <p><b>Environmental Factors:</b> Project area may include Houston Toad habitat.</p> <p><b>Impacts on Water Resources:</b> Reductions in freshwater inflows to Matagorda Bay associated with greater utilization of existing water rights. Potential effects of these reductions are being studied by LCRA &amp; SAWS.</p> <p><b>Impacts on Agricultural &amp; Natural Resources:</b> There are potential increases in reliable water supply for irrigation and improved irrigation efficiency in Region K. Off-channel reservoir will inundate approximately 500 acres in Bastrop County.</p> <p><b>Other Relevant Factors per SCTRWPG:</b> Encourages beneficial use of available rights. Equitable cost sharing for development of water supplies in Region K and Region L. Very limited interests in this water supply expressed by entities in Hays and Caldwell Counties.</p> <p><b>Comparison of Strategies to Meet Needs:</b> Moderate to high unit cost. No conflicts with other recommended water management strategies.</p> <p><b>Interbasin Transfer Issues:</b> An amendment to the existing LCRA permits for the interbasin transfer of this water would be required. Environmental flow constraints limiting diversions under the existing water rights may be added during the amendment process.</p> <p><b>Third-Party Impacts of Voluntary Transfers:</b> Potential benefits to Lower Colorado River Basin irrigation interests in Region K.</p> <p><b>Regional Efficiency:</b> Reductions in channel loss due to diversion in Bastrop County rather than diversion in Matagorda County.</p> <p><b>Water Quality Considerations:</b> None of significant concern.</p>												