

**RESTORE Act Ecosystem Restoration Project Proposals**  
**for consideration in the Gulf Coast Ecosystem Restoration Council's Comprehensive Plan**  
**2012**

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| <b>Contact Information:</b><br>Kelly Westover, <a href="mailto:kwestover@scgov.net">kwestover@scgov.net</a> , 941-650-1208                                                                                                                                                                                                                                                                            |              |                                  |                                    |                                          | <b>Date of Submittal:</b><br>January 2013  |              |              |
| <b>Name of Project:</b> Lemon Bay Watershed Waterway Restoration                                                                                                                                                                                                                                                                                                                                      |              |                                  |                                    |                                          | <b>Org and Rank:</b><br>Sarasota County 25 |              |              |
| <b>Project Description:</b> The Lemon Bay Watershed is laced with waterways that drain the land into creeks and the bay. This project would improve the environmental performance of the waterways by improving habitat, creating better water quality and restoring some of the natural hydrology.                                                                                                   |              |                                  |                                    |                                          |                                            |              |              |
| <b>Project Location:</b> Lemon Bay Watershed                                                                                                                                                                                                                                                                                                                                                          |              |                                  |                                    |                                          |                                            |              |              |
| <b>Responsible Party:</b> Sarasota County                                                                                                                                                                                                                                                                                                                                                             |              |                                  |                                    | <b>Partners:</b> City of Sarasota, CHNEP |                                            |              |              |
| <b>NEP:</b> CHNEP                                                                                                                                                                                                                                                                                                                                                                                     |              | <b>Project Cost:</b> \$1,000,000 |                                    |                                          | <b>Dollars Needed</b> \$1,000,000          |              |              |
| <b>Start:</b> FY13                                                                                                                                                                                                                                                                                                                                                                                    |              |                                  |                                    | <b>Completion:</b> FY17                  |                                            |              |              |
| <b>Status of Project Design and Permitting:</b> Conceptual design complete for some sections                                                                                                                                                                                                                                                                                                          |              |                                  |                                    |                                          |                                            |              |              |
| <b>What Date or Year could Construction Feasibly Begin:</b> FY14                                                                                                                                                                                                                                                                                                                                      |              |                                  |                                    |                                          |                                            |              |              |
| <b>Your Proposed Timing of Funding (given permits, phasing, staging, etc.)</b>                                                                                                                                                                                                                                                                                                                        |              |                                  |                                    |                                          |                                            |              |              |
| <b>FY</b>                                                                                                                                                                                                                                                                                                                                                                                             | <b>12/13</b> | <b>13/14</b>                     | <b>14/15</b>                       | <b>15/16</b>                             | <b>16/17</b>                               | <b>17/18</b> | <b>Total</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                       |              | 200,000<br>design<br>permit      | 400,000<br>waterway<br>restoration | 400,000<br>waterway<br>restoration       |                                            |              |              |
| <b>Quantify Environmental Results and How to Measure Them:</b> This project will restore habitat including wetlands, mangroves and natural shorelines. It may remove accumulated sediment. It will also provide a measurable amount of nutrient removal to improve the health of Lemon Bay.                                                                                                           |              |                                  |                                    |                                          |                                            |              |              |
| <b>Economic Benefits (including ecosystem services):</b> The local economy will benefit from the environmental benefits, including reduced sedimentation, improved habitat and reduced nutrients. This project will benefit ecotourism opportunities in the receiving waterbody by improving water quality for natural systems. It will provide benefits for leisure sport and ecotourism businesses. |              |                                  |                                    |                                          |                                            |              |              |
| <b>Estimated number of Jobs Created or Preserved:</b> Jobs will be created through construction, fishing, and eco-tourism opportunities.                                                                                                                                                                                                                                                              |              |                                  |                                    |                                          |                                            |              |              |
| <b>How much Habitat will be restored and conserved?:</b> Shoreline and bottom habitat will be restored. The freshwater input in the system will be closer to natural hydrology.                                                                                                                                                                                                                       |              |                                  |                                    |                                          |                                            |              |              |
| <b>Quantify pollutant reductions:</b> Habitat improvements and sediment removal will reduce nutrient and metal pollutants in the system. Freshwater distribution will be closer to natural hydrology.                                                                                                                                                                                                 |              |                                  |                                    |                                          |                                            |              |              |
| <b>What living coastal/marine resources will be improved and by how much?:</b> This project will improve tidal creek system and associated marine resources such as snook habitat.                                                                                                                                                                                                                    |              |                                  |                                    |                                          |                                            |              |              |
| <b>How will community resilience be enhanced?</b> This project would promote local redevelopment.                                                                                                                                                                                                                                                                                                     |              |                                  |                                    |                                          |                                            |              |              |

**Additional Justification:**

**Add any photos or maps that explain project:**