

costs. The project will provide sufficient benefits to the LSFIR MFLs to offset the impacts from current and projected 2045 water use.

**Table A4** appends the list of WC projects to include an updated total of 32 projects with a total estimated benefit from these projects of 36 mgd at a total capital cost of \$83 million. This updated list includes the Florida Water Star Silver Plus conservation project. The Florida Water Star<sup>SM</sup> (FWS) Silver certification program has been identified as a potential conservation program that would be beneficial in achieving the LSFIR MFLs. The FWS Silver certification program includes indoor, landscape, and irrigation requirements to reduce residential water consumption. Utilities have also been including an additional element to their FWS Silver certification program for outdoor use by limiting the provision of water for irrigation to the front and side yards only – FWS Silver Plus.

The Districts completed an assessment of the costs, water savings, and benefits of implementing these two programs for all new single-family, public supply customers in the Partnership area beginning in 2030. A FWS Silver certification program, at a 100% participation level, initiated in 2030 would reduce the 2045 public supply groundwater demand of 269.3 mgd by 2.6% or 6.9 mgd at an increased construction cost of \$1,400 per home when compared to traditionally built homes. The increased costs include indoor and outdoor BMPs and inspection costs. A FWS Silver Plus program, at a 100% participation level, initiated in 2030 would reduce the 2045 public supply groundwater demand of 269.3 mgd by 6.3% or 17 mgd with an overall savings in home construction costs of \$1,171 per home due to elimination of backyard irrigation system installation. Customers living in homes built to FWS Silver or Silver Plus standards could potentially save on average \$360/year to \$920/year in potable water and sewer costs.