



**Spokane County Regional Water Reclamation Facility (SCRWRF)**  
*Spokane, Washington*

Garco’s involvement with the new \$130 million WWTP began in 2008 in assisting CH2M Hill with its pursuit of a design-build-operate (DBO) contract with Spokane County for a new 8 MGD WWTP. Garco provided cost estimates for all of the structures based on conceptual designs of the new plant which CH2M Hill then relied on in preparing its DBO proposal to Spokane County. CH2M Hill was awarded the DBO contract in 2009 and in turn awarded Garco a contract to provide design-build and pre-construction services for the plant’s new water resource center, treatment operations facility, aeration basin with adjoining chlorine-contact ring, anaerobic digesters, headworks facility, two primary clarifiers, membrane facility (immersed membrane technology utilizing GE’s ZEEWEED 500 membranes), chemical tank farm and containment slab, aerobic digester, solids building with sludge blend tank and containment slab, plant drain pump station, odor control facility, gas storage facility, COGEN facility, and a plant maintenance building. Our preconstruction services included value engineering, constructability review, budget analysis, and strategic scheduling. Our collaborate and team-oriented approach facilitated early completion of the project, thus allowing CH2M Hill and Spokane County more time for the critical startup and testing requirements needed to put the new facility on-line.

**Project Size:**  
 8 MGD  
 8,050 SF Treatment Center  
 5,150 SF Public Center  
 14,500 CY Concrete

**Project Value:**  
 \$21,500,000

**Date Awarded:**  
 June 2009

**Date Completed:**  
 March 2012

**Owner/Client Reference:**  
 CH2M Hill  
 Spokane, WA  
 Dennis Nelson  
 Design-Build Manager  
 509.568.0960  
 CH2M Hill  
 Spokane, WA  
 Rick Smith  
 Engineering Manager  
 509.568.0959

**Architect:**  
 Zack Butler Architects  
 Randy Vanhoff, AIA  
 Spokane, WA  
 509.456.8236

**Engineer:**  
 Coffman Engineers  
 Tom Arnold, P.E.  
 Spokane, WA  
 509.328.2994

**Landscape Architect:**  
 Sherry, Pratt, VanVoorhis  
 Tom Sherry, ASLA  
 Spokane, WA  
 509.325.0511

