

## The Golf Club at Briar's Creek Johns Island, SC

**Owner:** The Golf Club at Briar's Creek  
**Engineer:** GEL Engineering, LLC.  
**Application:** Irrigation  
**Startup:** July 2008  
**Capacity:** 0.5 MGD  
**Array:** 10:5, 6-element vessels  
**Membrane:** Dow FilmTec BW30-400/34i  
**Operating Data:** Feedwater TDS: 1600 mg/l  
Permeate TDS: 60 mg/l  
RO Feed Pressure: 100 psi  
Recovery: 75%



Harn R/O Systems, Inc. was selected by the Golf Club at Briar's Creek to provide a 500,000 gallon per day reverse osmosis water treatment system to improve the quality and flow of the Club's surface water storage system, and for ornamental landscape and golf course irrigation. The low salinity permeate from the reverse osmosis system is blended in an on-site pond with native ground and surface water and re-pumped into the irrigation system.

Harn R/O Systems, Inc. is a full service membrane water treatment system with installations all over the United States. Harn R/O Systems is the oldest privately-owned company in the membrane treatment industry. All of Harn R/O's systems are custom-designed, tailored to the Owner's specific needs and designed for long life, energy savings, reliability and low operation and maintenance costs. Harn R/O is a licensed general contracting firm with a full engineering staff and can provide turn-key facilities and service and support for the life of the plant.



### References:

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