



**Gaydos Hydro Services, LLC**  
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## Ryland Homes - Waters Edge Community Environmental Monitoring Program (EMP)

Gaydos Hydro Services, LLC (GHS) was contracted to conduct to develop and implement the annual Environmental Monitoring Plan (EMP) as required by the Water Use Permit (WUP) for the Waters Edge Community. The special condition of the permit requires a staff gage located in West Moon Lake to be read for water level elevation biweekly, groundwater withdrawals to be recorded monthly and UMAM transects to be conducted annually. The condition requires a descriptive report on the environmental assessments made during the previous year and is to include documentation and analysis of how those assessments relate to the water elevation in West Moon Lake and how it relates to groundwater pumping.



GHS has also modified the Water Use Permit to include two large diameter wells for the irrigation of separate divisions within the community. These additional wells helped reduced the withdrawal impacts on the surface water pond that is used for irrigation, in addition to spreading out the groundwater withdrawal impacts site-wide as previously permitted. The EMP monitoring and reporting is a condition of these modifications to the WUP permit.

