

ECO-RAIN TANK SYSTEMS OF AMERICA CASE STUDY

Cisterns

Swimming Pool Conversion

A private residence in Redondo Beach CA had a small swimming pool/pond that was high maintenance and used a large part of the back yard. The owner wanted to convert the pool into a cistern to collect rain water for irrigation. It was an easy conversion that can be reversed in the future if wanted. The cistern now provides up to 4,000 gallons of water storage for irrigation, supplying half of the landscape needs.



- Existing swimming pool was lined with a plastic liner—in the photo above they are sizing out the number of EcoRain Tanks to fit the space.
- The crew shoveled clean sand into the bottom of the liner, leveled the sand and layered Geotextile Fabric in the pool before placement of EcoRain Tanks.
- The large pipe houses pump equipment. A patio was constructed over the cistern.
- Designer and Contractor Mike Garcia of Envirosapes, Redondo Beach, CA. Video available on You Tube.



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