

RainXchange™ System—Pondless® Waterfall

Grantville, GA

Installed by Aquascape, Inc. and Certified Aquascape Contractors in April, 2008

The first RainXchange™ System by Aquascape, Inc. was installed in April 2008 as a beta test. A group of Certified Aquascape Contractors assisted with the project while receiving hands-on training. Grantville, Georgia provided an effective challenge since the area had recently been subjected to severe drought conditions.

The homeowner's sloping property was an ideal location for a Pondless® Waterfall that would incorporate 3 main waterfalls coming together in one stream leading to a rainwater storage basin. Seventy-eight modular AquaBlox® were set into the excavated rainwater storage basin and three pumps installed to create the 3 main waterfalls. The water feature holds up to 2500 gallons of water in its basin. One downspout from the home feeds directly into the basin, while the second downspout feeds into the top of one of the waterfalls.



Homeowner property before the RainXchange™ System and Pondless® Waterfall are installed.



Excavation begins and BioFalls® Filters are placed to mark the start of each of the 3 waterfalls running into the underground basin.



AquaBlox® are set into the storage basin after liner is placed. The 2500 gallon storage area is located at the lower end of the property.



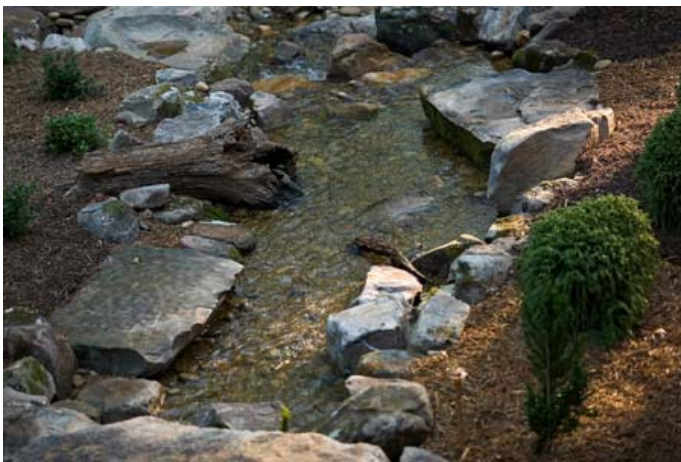
The waterfalls and stream are rocked in and directed toward the underground storage basin, which has also been rocked in.



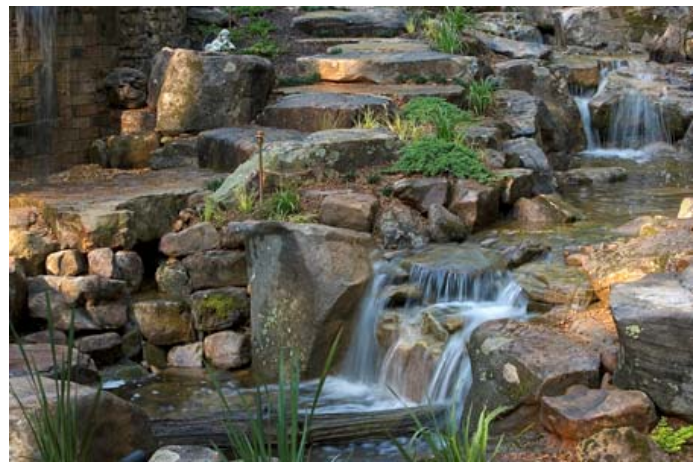
The Downspout Filter is located underneath the gutter and the Booster Pump is ready to hook up to a garden hose for irrigation.



Three main waterfalls merge into one stream at the lower end of the property before flowing into the storage basin.



A close-up view of the main stream. Various sized rocks and fallen tree branches are used to naturalize the feature.



The waterfalls flow directly next to a stone staircase below the main patio area. Note the use of plants for naturalization.



A birds eye view of the lower patio with fire pit. The water feature and rainwater harvesting system appear as though they've always existed in this wooded piece of property. The photo at right shows the waterfalls when viewed from the top.

