

Water Harvesting Certification Workshop Site Memorandum of Understanding For Site Owner/Manager

Program Overview

Thanks for your interest in hosting a WMG Water Harvesting Certification (WHC) workshop on your property. By hosting a workshop, you are enabling green professionals to gain hands-on experience and work towards earning the most comprehensive water harvesting certification offered in the nation. WMG's WHC program is taken by landscape architects, planners, hydrologists, environmental consultants, educators, and community activists from all over the U.S. and abroad.

WMG's water harvesting systems are designed and built to high quality standards using best practices from the construction and professional water harvesting field. WMG has been installing water harvesting systems through workshops for 5 years, installing more than 150 earthworks, greywater, and cistern systems. WMG's WHC instructors have over 30 combined years of hands-on experience in designing and installing water harvesting systems.

Process Logistics

One of WMG's WHC instructors will work closely with a site manager or site representative through the workshop planning and implementation process. WMG will provide you with a cost estimate to sign before any work begins. That estimate will include the following costs: materials, outside contractors and rental fees, instructor labor fee, and an administrative fee.

Once you approve of the plan and the estimate, WMG will implement the water harvesting system through the WHC workshop during our next course session, as scheduled by the WHC Coordinator. The workshop may be on a weekday or the weekend; workshops are generally scheduled during morning hours. The workshop will be led by a WHC instructor with approximately 12 participants to implement the system during a four- to six hour period (steel cistern installations take require two four-to-six hour workshops).

As WMG is working with participants learning in an educational environment, it is possible the project will not be completed in the workshop. The workshop instructor will work with the site supervisor to schedule a time when the remaining tasks can be finished.

Description of Water Harvesting Systems

Earthworks: shaping of landscape to include earthen basins, berms, swales, and/or French drains. Includes rock work as needed, planting, and mulching.

Greywater: residential gravity-fed greywater distribution system from exterior wall stub out to landscape. Prefer laundry greywater system, but can also do bathroom shower/sink. Includes all pipe work, earthworks, planting, and mulching.

Plastic Cistern: installation of plastic tank including hook up to gutters, pre-filtration, overflow plumbing, and overflow basin. Does not include gutter installation.

Steel Cistern: installation of steel culvert system including hook up to gutters, pre-filtration, overflow plumbing, clean-out valve, and overflow basin. Does not include gutter installation.

Workshop Cost

Hosting a workshop with WMG's WHC program is an affordable way to have a high quality water harvesting installation, and generally costs 30-50% less than comparable commercial work. The staff time to plan and run the workshop are covered through our WHC program, reducing the cost of labor to be covered by the site owner to site preparation, workshop follow-up, and maintenance.

Average Workshop Costs

Item	Earthworks	Greywater	Plastic Cistern (1500 gallons)	Steel Cistern (1500 gallons)
Labor (fixed cost) site prep, finishing work, maintenance visit	\$480	\$480	\$240	\$480
Labor (discounted amount) site assessment, planning, and installation through workshop	\$740	\$740	\$740	\$1020
Materials (estimated average cost)	\$450	\$300	\$1,100	\$1,400
Contractors (estimated cost)	\$0	\$400	\$0	\$0
Admin Fee** (average cost)	\$140	\$150	\$240	\$300
<i>Total Cost</i>	<i>\$1,810.00</i>	<i>\$2,070.00</i>	<i>\$2,320.00</i>	<i>\$3,200.00</i>
Total Cost with Certification Discount on Labor	\$1,070	\$1,330	\$1,580	\$2,180

**Admin fee is 10% of the subtotal for residential sites and 20% for commercial sites

Liability and Contracting

WMG carries commercial liability insurance to cover any injuries experienced by volunteers on your property during the course of the workshop.

WMG will have utilities mark all their utility lines on site in areas where work will be performed before any ground will be broken. In the event of any accidental damage to the property, WMG shall not be liable for repairs or expenses but will work with you to reach a mutually satisfying resolution.

As WMG does not have a contractor's license, any guttering or indoor plumbing work will need to be performed by licensed contractors. We can recommend contractors who perform quality work, and we will contact and work with the contractors to ensure the work is done properly.

Please sign below if you are in agreement with the conditions stated above to host a WMG Water Harvesting Certification Project on your property:

Property Owner/Manager Name (printed) _____

Property Owner/Manager Signature _____ Date: _____

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