

Building a Rain Barrel

Material List

List taken from <http://cceanondaga.org/resources/how-to-build-a-rain-barrel>

Material	Quantity
<ul style="list-style-type: none"> One 50-90 gallon food-grade plastic or wooden wine barrel. 	1
<ul style="list-style-type: none"> $\frac{3}{4}$ inch male threaded boiler drain 	1
<ul style="list-style-type: none"> $\frac{3}{4}$" ID to 1" OD Brass Female Pipe Hex Bushing 	1
<ul style="list-style-type: none"> 1-$\frac{1}{8}$" ID 1-$\frac{3}{4}$" OD Galvanized Machine Bushing 	1
<ul style="list-style-type: none"> Roll of Teflon Tape 	1
<ul style="list-style-type: none"> 1-$\frac{1}{2}$" PVC Male Adapter 	1
<ul style="list-style-type: none"> 1-$\frac{1}{2}$" PVC Female Adapter 	1
<ul style="list-style-type: none"> 1-$\frac{1}{2}$" PVC Street Elbow 	1
<ul style="list-style-type: none"> 1-$\frac{1}{2}$" PVC Bushing 	1
<ul style="list-style-type: none"> 1-$\frac{1}{2}$" Sump Pump Kit 	1
<ul style="list-style-type: none"> Downspout Diverter 	1
<ul style="list-style-type: none"> Mesh Screen (large enough to cover the top of the barrel.) 	Enough to cover top of barrel

Tools Needed:

- ❖ $\frac{3}{8}$ " Electric or cordless drill
- ❖ Saber saw
- ❖ 15/16 inch spade bit
- ❖ 2" hole saw

- ❖ Utility knife
- ❖ 2 pairs pliers, monkey wrenches, or pipe wrenches
- ❖ Scissors
- ❖ Pencil
- ❖ Permanent Marker
- ❖ 3/4" Pipe tap

----- Most of these materials can be found at hardware stores like Home Depot or Menards -----