



**MILWAUKIE ENGINEERING**  
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# Residential Drywell Requirements

## AUTHORIZATION:

City of Milwaukie Municipal Code Section 13.12.060(B) authorizes the use of drywells for the disposal of runoff water from single family residential roof rain drains. **The City may require percolation tests** as proof that soil conditions are suitable for drywells.

## SIZING:

Residential drywells are sized according to the chart below. Grey squares indicate approvable sizes.

Impervious Area (sf)	28" Diameter				48" Diameter			
	5'	10'	15'	20'	5'	10'	15'	20'
1000	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey
2000	White	Grey	Grey	Grey	Grey	Grey	Grey	Grey
3000	White	White	Grey	Grey	Grey	Grey	Grey	Grey
4000	White	White	White	Grey	White	Grey	Grey	Grey
5000	White	White	White	White	White	Grey	Grey	Grey
6000	White	White	White	White	White	Grey	Grey	Grey
7000	White	White	White	White	White	White	Grey	Grey
8000	White	White	White	White	White	White	Grey	Grey
9000	White	White	White	White	White	White	Grey	Grey
10000	White	White	White	White	White	White	White	Grey
11000	White	White	White	White	White	White	White	Grey
12000	White	White	White	White	White	White	White	Grey

## LOCATION:

A residential drywell must be located a minimum of 10 feet from foundations and 5 feet from property lines. The top of the drywell shall be located downgrade of foundations and at a lower elevation than any basements.

## PERMITS:

Any person seeking to install a drywell within the city of Milwaukie must first obtain a permit from the Building Department and pay all fees pertaining to such permit. Installation of a drywell without a permit is a violation of City Ordinance and may result in fines, additional fees, and the added expense for removal and disposal of unacceptable materials from the site.

Property owners may install drywells on their own property if they do all of their own work. Contractors must provide proof that they are licensed by the State of Oregon and that they have a City of Milwaukie or Metro business license and a certificate of liability insurance.

## INSPECTIONS:

Two city inspections are required: (1) when excavation is complete, **before** placing drywell rings or any other materials, and (2) when filter fabric and drywell rings are in place, **prior** to placing drain rock. **To request inspection, please visit: [www.milwaukieoregon.gov/building/schedule-inspections-here](http://www.milwaukieoregon.gov/building/schedule-inspections-here).**