RainWise rebates for rain gardens & cisterns





Infiltration Test & Certification

On-Site location (For multiple rain gardens, i.e., SW or NE):

Site Address:

(Use one certification form per rain garden.)

This test will help determine, 1) If soil conditions are suitable for a rain garden and 2) The size of garden. If you have questions while executing this test, contact your contractor with questions.

<u>rest Preparation:</u>								
 Call before you dig! Dial 811 for free utility pipeline location. Dig a hole 24 inches deep and at least 10 inches across. Add a stake with a ruler attached and set the bottom of the ruler at the bottom of the hole. Duct tape works to attach the ruler. Fill and drain the hole 2 times to saturate the soil. Each fill should be performed within 2 hours of the previous fill. You are mimicking the saturated condition of the soil during the rainy season. 								
Cautionary Note:								
Any one of the following conditions <u>dis</u> qualify site for a rain garden: * hit hard pan soil * hole fills with water								
* test hole does not drain at least .25" per hour								

Infiltration Test & Certification Form: (check all boxes)								
A. Upon digging hole, did you hit hard pan? (hard pan is like concrete) Yes No								
B. Upon digging hole, did the hole fill with water? If you answered "No" to A. and B., continue test.	Yes	No						
1. Fill the hole (1st fill) to the 12-inch mark.	Done	Not Done						
2. Let the hole drain completely.	Done	Not Done						
3. Fill the hole again (2 nd fill) to the 12-inch mark.	Done	Not Done						
Let the hole drain completely and record duration of time								
hole drains:Amount of time to drain: _	_hrsm	ins.						
5a. Fill the hole again (3rd fill) to the 12-inch mark .	Done	Not Done						
5b. Record number of inches water has fallen in 1	hour:	inches						





Be as accurate as possible!

Revised 12/23/15 www.rainwise.seattle.gov page 1 of 2

		er of inches w empty, refill hole (4						nches	
		ntries on appro es. Select ap p	•			and	d interval to	use, by f	ollowing
	>3" per h	our fall, check	at <u>15 minute</u>	intervals =	Table 1				
	3" to 1" p	er hour fall, ch	eck at <u>30 mir</u>	nute interva	<u>als</u> = Table 2				
	<1" per h	our fall, contin	ue to check a	nt <u>hourly in</u>	<u>tervals</u> = Tab	le 3			
		he fall of water				low:			
TABLE 1 (15 MINUTES)			TABLE 2	TABLE 2 (30 MINUTES)			TABLE 3 (1 HOUR)		
Time (15 min duration)	Ruler Reading (Inches)	Hole Refilled 12" (Yes or No)	Time (30 min duration)	Ruler Reading (Inches)	Hole Refilled 12" (Yes or No)		Time (60 min duration)	Ruler Reading (Inches)	Hole Refilled 12" (Yes or No)
	(,	(10001110)		(**************************************	(**************************************			((10001110)
6. Contra	actor cald	culation of infilt	ration rate: _		inches per hou	ır			
≥ 0.5 in/h ≥ 1.0 in/h	nr: use 0. r: use 1.0	25 RG size in t 5 RG size in ta) RG size in tab RG size in tabl	ble & replace ble and repla	e soil with ' ce soil with	Bioretention' n 'Bioretentio	soil n' so	mix oil mix	r)	
		required an ainWise Reb		include	d with you	r re	ebate ma	terials, t	o be
sizing. I h gardens a	ave chosare sized	followed the plen to size my reformoderate ra	ain garden ir ain events an	n accordan nd that rega	ce with these ardless of infi	e res Itrat	sults. I unde ion ability o	erstand that of my soil t	at rain
		formed by:	. 5						
		r Contrac							
	Rate Calcu	ulated hv		Date_					
		Print N	Name						