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PIERCE CONSERVATION DISTRICT RAIN GARDEN PROGRAM

Homeowner Infiltration Test Form

Homeowner Name:	Date:
Address:	Phone #:

Location of infiltration test:	
Depth of hole:	Depth of water:
Start time:	End time:
Rate of infiltration (=12 inches/ time of infiltration test in hours)	Inches/Hour

Did you encounter mottling (bluish clay soil) in test pit? Yes No

Describe soil texture: Sandy Clay Rocky

Setback and Site Condition Checklist:

- ✓ Rain Gardens must be 100 feet away of drinking water wells
- ✓ Rain Gardens must be 200 feet from a body of water
- ✓ Rain gardens must be 10 feet away from septic drainfields and tanks
- ✓ Rain Gardens cannot be located within 10 feet of building
- ✓ Rain Garden cannot be located within 5 feet from property lines
- ✓ Rain Garden cannot be located within 50 feet from the top of (or on) slopes greater than 20% (1 foot vertical to 5 feet horizontal)

PCD USE ONLY

Contributing Area:	Gallons Infiltrated Annually:
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Rain Garden Infiltration Test Instructions

Pages 15-17 in Rain Garden Handbook for Western Washington

1. DIG TEST HOLE

Dig 2 foot deep hole. Use yard stick to ensure hole is 24 inches.

Take a picture of yard stick in the hole to send to Pierce Conservation District.

2. EVALUATE SOIL TEXTURE

Grab a handful of soil and squeeze into a ball.

- If the soil falls apart or can be broken easily this suggests sandier soil.
- If the soil is sticky and forms a ball this suggests soil with clay.
- Note the soil texture on Homeowner Infiltration Test Form.

3. FILL THE HOLE WITH 12 INCHES WATER

Fill hole with 12 inches of water.

Note infiltration test start time on Homeowner Infiltration Test Form.

Take a picture of yard stick in the water filled hole and send to Pierce Conservation District.

4. CHECK WATER LEVEL

Check the water level every few hours to note the time the water is completely drained from hole.

Water infiltration can take anywhere from 30 minutes to over 24 hours.

Note infiltration test end time on Homeowner Infiltration Test Form.

To qualify for the Pierce Conservation District Rain Garden Program water in the hole must be drained within 24 hours.

Send infiltration test start time, infiltration test end time, and photos to:

Email: melissab@piersecountycd.org