



soak up the rain

**Town of Arlington  
Stormwater Awareness Series  
October 8, 2013**



**soak** up the rain

## Learn how you can help

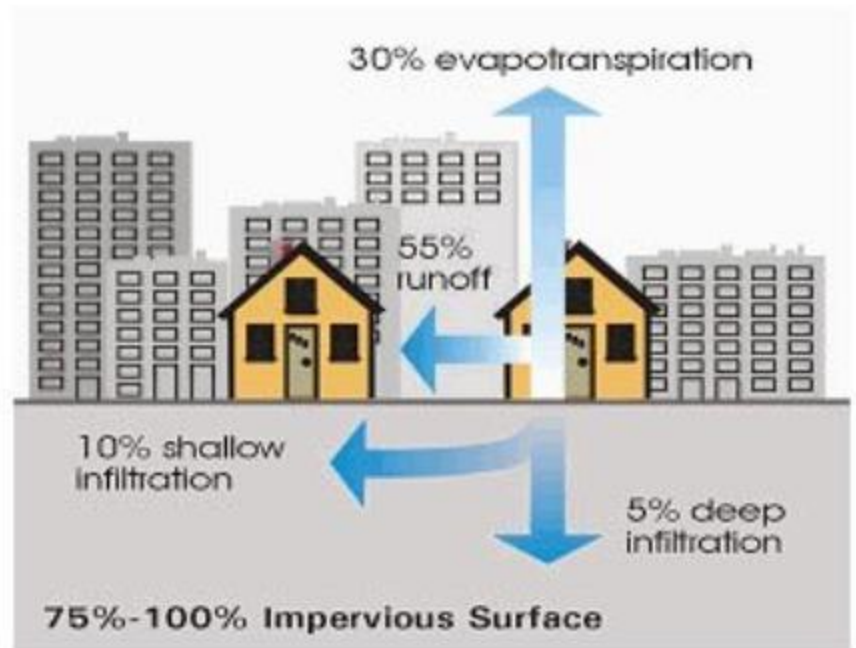
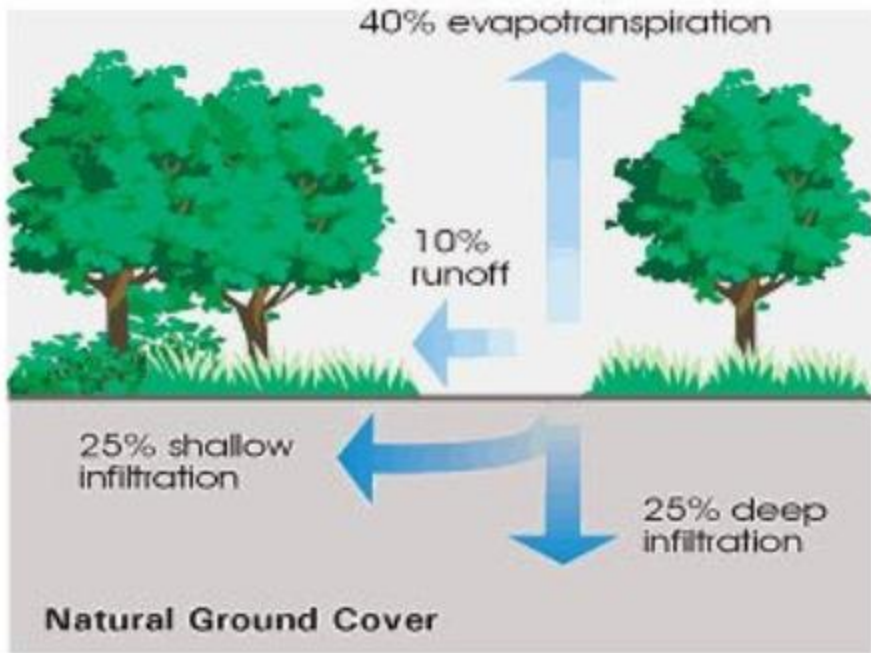
- prevent pollution of local waters
- reduce flooding
- protect water resources
- beautify neighborhoods

**Learn more. Take action. Share your story.**

<http://www.epa.gov/region1/soakuptherain>

**What is the Problem?**





Precipitation  
+  
Urbanized Areas  
=  
Stormwater Runoff



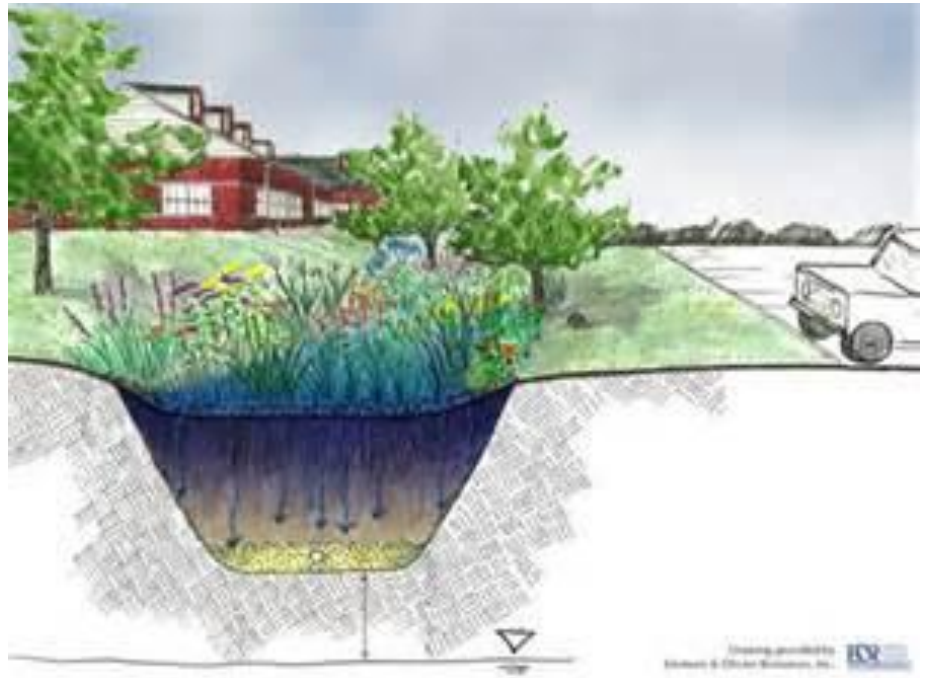
# Reduce Runoff: Slow It Down, Spread It Out, Soak It In



**EPA Video – (8:43min)**

[http://www.youtube.com/watch?v=huO\\_NRn34GI](http://www.youtube.com/watch?v=huO_NRn34GI)

# Rain Gardens



# Boston Precipitation Data

(1920 – 1995)

| <b>depth</b> | <b># of events/yr</b> |
|--------------|-----------------------|
| • > 0.01"    | 124                   |
| • >0.1"      | 74                    |
| • >0.25"     | 48                    |
| • > 0.5"     | 27                    |
| • > 1.00"    | 10                    |
| • > 1.5"     | 3                     |
| • >2.0"      | 1                     |
| • >3.0"      | 0                     |

## Stormwater Design

- 2 yr Storm Event = 3.2"
- 10 yr Storm Event = 4.5"
- 25 yr Storm Event = 5.4"
- 100 yr Storm Event = 6.7"



# Rain Garden Installation: Greenways Conservancy



## Earth Day 2012 Boston

**EPA Video – (2:21 min)**

[http://www.youtube.com/watch?v=\\_FWx1cdB9bE](http://www.youtube.com/watch?v=_FWx1cdB9bE)

# RAIN BARRELS



# Rain Barrels



**EPA Video – (2:21 min)**

<http://www.youtube.com/watch?v=rSBKqFrxoZA>

**Thank you**

**Please help Arlington**

**Soak Up the Rain**



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