



Watershed Stewardship Grant

Requirements for

RAIN GARDEN &

INFILTRATION BASIN PROJECTS

If you are doing a **rain garden or infiltration basin project**, review the following statements. Do not submit your application if you do not agree with these statements. Reach out to the grant program coordinator if you have questions.

I have provided the following in my project design:

- Detailed planting plan including species, quantity, and planting schedule (timing)
- Infiltration capacity of the soils (how quickly water soaks into the soil); staff may assist in figuring this out
- Dimensions of contributing watershed (what is the size of the area from where the runoff is flowing: roof, lawn, etc.)
- The area (in square feet) of the bottom of the rain garden or infiltration basin
- Depth of rain garden or infiltration basin
- Where the water will go if rain garden/infiltration basin overflows and at what depth (relative to the bottom of the basin) the basin will overflow. This is known as an Emergency Overflow Evaluation (EOF).
- Depth of underdrains (if any)

My project characteristics include:

- Appropriately sized for site (to be able to handle water from the contributing watershed and based on soil conditions and infiltration rates)
- Located where it captures stormwater runoff
- Has a flat bottom
- Designed to drain in 48 hours
- Designed to capture a minimum of a 0.5-inch rainfall event
- Has side slopes that are as shallow as possible (not to exceed a 3:1 ratio unless impossible based on space restrictions)
- Use of shredded mulch (if mulch is needed)
- Free of landscape edging, which can inhibit flow of runoff into basin

I will not irrigate plants after the initial establishment period of two years.

I will de-compact soils in my project area if recommended by a District representative. We like to see no more than 200 PSI to a depth of 12 inches.