Is runoff from ≥5,000 sf hard surface to be infiltrated on the site? And groundwater or hydraulic restrictive layer within 3 feet of bottom of BMP?

Is groundwater or hydraulic restrictive layer within 1 foot of bottom of BMP?

Is measured infiltration rate less than 0.3 in/hr?

Discharges to designated receiving water? (11)

< 2,000 sf PGHS (21)?

< 2,000 sf PGHS (21), excluding roadway and alley? (28) (20)

≥ 500 sf top area infiltrating bioretention feasible (without oversizing)?

(20) Permeable pavement facilities may be allowed, but evaluation is not required. 22.805.070

(21) PGHS, pollution generating hard surface include hard surfaces subject to regular motor vehicle use.

(22) Evaluation of Infiltrating bioretention includes:
- Recommended maximum slope of 8%
- 38” minimum bottom width without wall — evaluation of wall not required
- Measured infiltration rate ≥ 0.6 in/hr—no underdrain
- Measured infiltration rate ≥ 0.3 in/hr and < 0.6 in/hr, underdrain required.

(28) 22.805.070 Table D for designated receiving water basins amended to only require evaluation of permeable pavement for PGHS, but not roadway or alley and not to require evaluation of rain gardens. Rain gardens allowed for sidewalk runoff.

Requirements

Category 2 Rain Gardens, Infiltrating Bioretention and Permeable Pavement Surfaces, not required. See Category 3 dispersion, if applicable.

Rain Garden BMP not allowed.

Evaluate Category 2 Rain Garden BMP (4 sf MIN) Except in Designated Receiving Water Basin (28)

Infiltrating Bioretention and Permeable Pavement Surfaces or Facilities BMPs not allowed. See Category 3 dispersion, if applicable.

Do not evaluate Permeable Pavement Surface BMP

Do not evaluate Infiltrating Bioretention BMP (22)

Evaluate Category 2 Infiltrating Bioretention BMP

Plus

Do not evaluate Infiltrating Bioretention BMP. See Category 3 dispersion, if applicable.

Also, continue checking possible BMPs:

Yes

No

Also, continue checking possible BMPs:

Yes

No

Yes, to any

No, to either

Yes, to either

No, to either
On-site List Flowchart (3) for Roadway Projects v.2.0

2016 Code, amended
Chart 3 of 4

Discharges to combined sewer?

- Yes
  - >2,000sf permeable pavement sidewalk within project site possible?
    - Yes
      - Evaluate Category 2 Permeable Pavement Surface BMP for sidewalks (19)
    - No
      - Also continue checking possible BMPs
      - 2,500sf top area infiltrating bioretention feasible (without oversizing)?
        - Yes
          - Evaluate Category 2 Infiltrating Bioretention BMP (22)
        - No
    - No
      - Discharges to Creek, Wetland, Small Lake or groundwater?

- No
  - Street is arterial/collector?
    - Yes
      - Evaluate Category 2 Permeable Pavement Surface BMP for sidewalks and roadway (250sf MIN) (19) and Evaluate Category 2 Infiltrating Bioretention BMP (22) and, if none feasible, see Category 3 Dispersion
    - No
      - New PGHS?

- New PGHS?
  - Yes
    - Evaluate Category 2 Permeable Pavement Surface BMP for sidewalks and roadway (250sf MIN) (19) and Evaluate Category 2 Infiltrating Bioretention BMP (22) and, if none feasible, see Category 3 Dispersion
  - No