

Concept BMP Prioritization- NPDES Permit

Universal LID Features (Can be used independently of soil type, high groundwater, and ground contamination and should be considered for all projects)

- Green Roofs
- Cisterns- above ground (below ground maybe effected by groundwater and contamination, but may be feasible in some cases)
- Tree Canopy- credit
- Vegetated Area- evapotranspiration credit.

Priority 1: Volume Based LID BMPs- *with no subdrains* (achieves volume capture)

(typically to be used in A and B type soils, may be used in other conditions using amended soils, bypass inlet for high flow required)

- Raingardens (bioretention areas)- with no subdrains
- Permeable (porous) Pavement- with storage volume and no subdrains
- Vegetated Buffer Strip- achieving volume capture/evapotranspiration
- Vegetated Swale (bioretention swales)- with engineered soil and no subdrains
- Constructed Wetlands- with no subdrains

Priority 1A: Other LID BMPs- *with no subdrains* (achieves volume capture)

(typically to be used in A and B type soils, may be used in other conditions using amended soils, bypass inlet for high flow required)

- Infiltration trench/ basin- with no subdrains
- Drywell- with no subdrains

Priority 2: LID BMPs- *with subsurface drains above the capture volume* (achieves volume capture)

(typically to be used in C and D type soils, bypass inlet for high flow required)

- Raingardens (bioretention areas)- with subsurface drains above the capture volume
- Vegetated Swales- with engineered soil and subsurface drains above the capture volume
- Permeable Pavement- with storage volume and subsurface drains above the capture volume
- Constructed Wetlands- with subsurface drains above the capture volume
- Wet Ponds- with subsurface drains above the capture volume

Priority 3: Partial LID BMP's- *with subdrains* (does not achieves volume capture and may require mitigation)

(typically to be used in C and D type soils, bypass inlet for high flow required)

- Includes all of Priority 1, 1A, and 2 with an impermeable liner and/or subdrain

Priority 4: Modular/Property LID Units (does not achieves volume capture and may require mitigation)

(bypass inlet for high flow required)

- Tree Filter Units (tree boxes)- landscape based treatment
- Modular Bioretention Units- landscape based treatment

Priority 5: Structural Treatment

(To be done in conjunction with an in-lieu LID fee, offset project, or as part of a LID treatment train or suite)

- Chambered Separator Units
- Centrifugal Separator Units
- Trash Excluders
- Filter Inserts

Priority 6: Offset Program

Other: Impervious Detention-Hydromodification Control

- Underground Detention Vault
- Underground Chambered Detention
- Above Ground Detention Pond