# Stormwater (Pocket) Wetland Feasibility Checklist

## Stormwater BMP Category

☑ Stormwater Management Practice

## SWM Credits

☑ **SWM Criteria #1**: Runoff Reduction: no credit

☑ **SWM Criteria #2**: Water Quality Protection:

- 80% TSS load reduction
- 50% TP load reduction
- 30% TN load reduction
- 50% Metals load reduction
- 70% Pathogens load reduction

☑ **SWM Criteria #3**: Aquatic Resource Protection: can be designed for 24-hour ED of the $ARP_V$

☑ **SWM Criteria #4**: Overbank Flood Protection: can be designed to attenuate the $Q_{P25}$

☑ **SWM Criteria #5**: Extreme Flood Protection: can be designed to attenuate the $Q_{P100}$

## Site Feasibility

**Contributing Drainage Area**

☐ ≤ 10 acre Contributing Drainage Area (CDA) to the BMP

**Surface Area of the Stormwater (Pocket) Wetland**

☐ 3% to 5% of CDA available for the BMP surface area

**Site Topography**

☐ ≤ 15% slopes (average)

**Depth of BMP**

☐ 2 to 5 feet

**Water Table**

☐ Interact with the groundwater table is acceptable; pool volume below water table is not counted

☐ ≥ 2' separation from SHWT at stormwater hotspots and in areas of aquifer recharge

**Soils**

☐ No restrictions; although poorly drained soils are typically required in order to maintain a permanent water surface. A liner may be required on permeable soils.

## Site Applicability

☐ Rural Use: Suitable for use on rural (large lot) developments

☐ Suburban Use: Suitable for use on most suburban developments

☐ Urban Use: generally not suited for use in urban areas due to limited space

☐ Construction Costs: (Low) Medium High

☐ Maintenance: Low (Medium) High