### Dry Wells Feasibility Checklist

#### Stormwater BMP Category
- **Receiving** Low Impact Development Practice

#### SWM Credits
- **SWM Criteria #1**: Runoff Reduction: subtract 100% of storage volume from RR<sub>V</sub>
- **SWM Criteria #2**: Water Quality Protection: subtract 100% of storage volume from RR<sub>V</sub>
- **SWM Criteria #3**: Aquatic Resource Protection: Proportionally adjust CN to calculate ARP<sub>V</sub>
- **SWM Criteria #4**: Overbank Flood Protection: Proportionally adjust CN to calculate Q<sub>P25</sub>
- **SWM Criteria #5**: Extreme Flood Protection: Proportionally adjust CN to calculate Q<sub>P100</sub>

#### Site Feasibility

**Contributing Drainage Area**
- ≤ 2,500 ft<sup>2</sup>
- ≤ 150’ length of flow path in pervious contributing drainage area
- ≤ 75’ length of flow path in impervious contributing drainage area

**Surface Area of Dry Well**
- 5% to 10% of the size of the Contributing Drainage Area (CDA) (varies with soil infiltration rate)

**Site Topography**
- ≤ 6% (average) slopes in the CDA
- > 6% (average) with provisions to address runoff velocity & soil erosion and sedimentation

**Depth of BMP**
- ≥ 2’ total depth
- ≥ 1.5’ total depth w/ shallow WT

**Water Table**
- ≥ 2’ separation (bottom of practice to SHWT)

**Soils**
- ≥ 0.5”/hr infiltration rate (designed to drain within 24 hours)

#### Site Applicability
- Rural Use: Suitable for use in rural areas
- Suburban Use: Suitable for use on most suburban developments
- Urban Use: Suitable for use on most urban developments

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<thead>
<tr>
<th>Construction Costs</th>
<th>Low</th>
<th>Medium</th>
<th>High</th>
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<tbody>
<tr>
<td>Maintenance</td>
<td>Low</td>
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