

Rainwater Harvesting Feasibility Checklist

Stormwater BMP Category

- Receiving* Low Impact Development Practice

SWM Credits

- SWM Criteria #1:** Runoff Reduction: subtract 75% of storage volume from RR_V
- SWM Criteria #2:** Water Quality Protection: subtract 75% of storage volume from RR_V
- SWM Criteria #3:** Aquatic Resource Protection: Proportionally adjust CN to calculate ARP_V
- SWM Criteria #4:** Overbank Flood Protection: Proportionally adjust CN to calculate Q_{P25}
- SWM Criteria #5:** Extreme Flood Protection: Proportionally adjust CN to calculate Q_{P100}

Site Feasibility

Contributing Drainage Area

- No restrictions

Size of Dry Well

- Varies according to size of rooftop area

Site Topography

- No restrictions, although location/elevation will influence distribution system (pump) design

Depth of BMP

- No restrictions

Water Table

- No restrictions

Soils

- No restrictions, although design should include soil load capacity to support tank

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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|--|-----|--------|------|
| <input type="checkbox"/> Construction Costs: | Low | Medium | High |
| <input type="checkbox"/> Maintenance: | Low | Medium | High |