

| Volume Control Practice              | Void Space of Aggregate <sup>1</sup> | Surface Storage <sup>2</sup> | Growing Media <sup>3</sup> |
|--------------------------------------|--------------------------------------|------------------------------|----------------------------|
| Bioretention Facility                | X                                    | X                            | X                          |
| Bioswale <sup>4</sup>                | X                                    | X                            | X                          |
| Constructed Wetlands                 | X                                    | X                            | X                          |
| Drywell                              | X                                    |                              |                            |
| Green Roof                           | X                                    |                              | X                          |
| Infiltration Trench                  | X                                    |                              |                            |
| Permeable Pavement                   | X                                    |                              |                            |
| Storage Below Detention Basin Outlet |                                      | X                            |                            |
| Vegetated Filter Strip               | X                                    |                              | X                          |
| Water Reuse System                   |                                      | X                            |                            |

1. A void ratio of 0.36 shall be used to calculate volume in CA-1 or CA-7 gradation, 0.25 for pea gravel or CA-16.
2. Storage calculated using average-end method between surface elevation and elevation of overflow grate/check dam.
3. Porosity of 0.25 shall be used to calculate volume in growing media.
4. Surface storage only if check dams are installed.



TECHNICAL GUIDANCE MANUAL

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VOLUME CONTROL STORAGE MATRIX

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