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| City of Tacoma Stormwater Management Manual – Infeasibility ChecklistSurface Type: Other Hard SurfacesBMP T1050: Compost-Amended Vegetated Filter Strip (CAVFS)Version: 07/01/2021 |
| It is not necessary to answer all questions when determining if a BMP is feasible for Minimum Requirement #5 – The List Approach. Unless otherwise noted, a single answer of No means the BMP is considered infeasible for meeting Minimum Requirement #5 – The List Approach. Applicant may choose which questions to answer when determining feasibility.  |
| Questions #1-9 relate to infeasibility criteria that are based onconditions such as topography and distances to predetermined boundaries and certain design criteria.  |
| **Question Number** | **Question** | **Yes** | **No** | **NA** |
| 1 | Can the CAVFS be placed 10 feet or more from any building structure? |[ ] [ ] [ ]
| 2 | Can the CAVFS be placed 5 feet or more from any other structure or property line? |[ ] [ ] [ ]
| 3 | Can the CAVFS be located outside critical areas, critical area buffers, streams, or lakes? |[ ] [ ] [ ]
| 4 | Can the CAVFS be placed 50 feet or more from the top of any slope 15% or greater? |[ ] [ ] [ ]
| 5 | Can the CAVFS be placed 50 feet or more from geologically hazardous areas? |[ ] [ ] [ ]
| 6 | Can the CAVFS maintain setbacks from Onsite Sewage Systems per WAC 246-272A-0210? |[ ] [ ] [ ]
| 7 | Will the sidewalk, walkway, or trail exceed a lateral slope of 5% or a longitudinal slope of 8%? (An answer of yes means this BMP is infeasible) |[ ] [ ] [ ]
| 8 | Will installing concentrated flow dispersion cause conflicts with any of the following? (An answer of yes means this BMP is infeasible.) Place a checkmark next to the applicable item (8a-8e). |[ ] [ ] [ ]
| 8a | Requirements of the Historic Preservation Laws and Archeology Laws, Federal Superfund or Washington State Model Toxics Control Act, Federal Aviation Administration requirements for airports, or Americans with Disability Act |[ ]
| 8b | Special zoning district design criteria adopted and being implemented through any City of Tacoma planning efforts |[ ]
| 8c | Public health and safety standards |[ ]
| 8d | Transportation regulations to maintain the option for future expansion or multi-modal use of public rights-of-way |[ ]
| 8e | Critical Area Preservation Ordinance  |[ ]
| 9 | Can the design standards in BMP T1050 be met? |[ ] [ ] [ ]
| 9a | Describe the design standard that cannot be met:  |
| **Questions #10 require evaluation of site specific conditions and a written recommendation from an appropriate Washington State Licensed Professional (e.g., Professional Engineer, Professional Geologist, Professional Hydrogeologist).** |
| 10 | Will the use of CAVFS cause erosion or flooding problems onsite or on adjacent properties? (An answer of yes means this BMP is not feasible). |[ ] [ ] [ ]
| Questions #11-12 relate to infeasibility criteria that are based upon subsurface characteristics and require a soils report to determine infeasibility.  |
| 11 | Is the depth from the lowest level of the CAVFS to the seasonal high groundwater table or other impermeable layer equal to or greater than 1 foot?  |[ ] [ ] [ ]
| 12 | Was the soil classified as having a measured native soil saturated hydraulic conductivity of 0.3 in/hour or more*?* |[ ] [ ] [ ]