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| City of Tacoma Stormwater Management Manual – Infeasibility ChecklistSurface Type: Other Hard Surfaces BMP 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*?* |  |  |  |