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| City of Tacoma Stormwater Management Manual – Infeasibility ChecklistSurface Type: Roofs BMP L602: Downspout Full Infiltration (Infiltration Trenches and Drywells) 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 #1-7 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 infiltration trench or drywell be placed 10 feet or more from any building structure? |  |  |  |
| 2 | Can the infiltration trench or drywell be placed 5 feet or more from any other structure or property line? |  |  |  |
| 3 | Can the infiltration trench or drywell be placed 50 feet or more from the top of any slope 20% or greater? |  |  |  |
| 4 | Can the infiltration trench or drywell be placed 50 feet or more from geologically hazardous areas? |  |  |  |
| 5 | Can the infiltration trench or drywell meet setback requirements from Onsite Sewage Systems per WAC 246-272A-0210? |  |  |  |
| 6 | Will installing an infiltration trench or drywell cause conflicts with any of the following? (An answer of yes means this BMP is infeasible.) Place a checkmark next to the applicable item (6a-6e). |  |  |  |
| 6a | 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 |  | | |
| 6b | Special zoning district design criteria adopted and being implemented through any City of Tacoma planning efforts |  | | |
| 6c | Public health and safety standards |  | | |
| 6d | Transportation regulations to maintain the option for future expansion or multi-modal use of public rights-of-way |  | | |
| 6e | Critical Area Preservation Ordinance |  | | |
| 7 | Can the design standards in BMP L602 be met? |  |  |  |
| 7a | Describe the design standards that cannot be met: | | | |
| Questions #8-10 relate to infeasibility criteria that are based upon subsurface characteristics and require a soils report to determine infeasibility. | | | | |
| 8 | Was the soil classified as being clay, sandy clay, clay loam, silty clay loam, sandy clay loam, or silt according to the USDA Textural Soil Triangle? (An answer of yes means this BMP is not feasible). |  |  |  |
| 9 | Is the depth from proposed final grade to the seasonal high groundwater table or other impermeable layer equal to or greater than 3 feet? |  |  |  |
| 10 | Is the depth from the bottom of the infiltration trench or drywell to the seasonal high groundwater table equal to or greater than 1 foot? |  |  |  |