

Worksheet B6

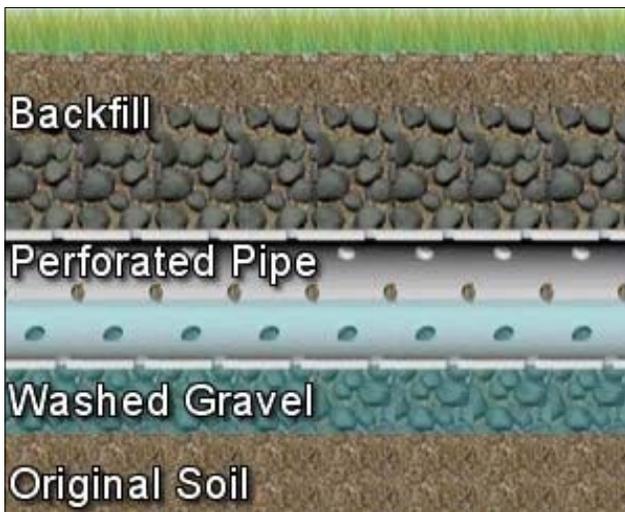
Perforated Stub-Out Connection (BMP T5.10C)



Perforated stub-out connections can only be utilized if all of the following technologies have been proven infeasible for treating roof surfaces:

- ✗ Full dispersion
- ✗ Downspout Full Infiltration
- ✗ Rain gardens/bioretention
- ✗ Downspout Dispersion System
- ✓ Perforated Stub-Out Connection

Applicant must submit this completed worksheet and an accompanying site plan if selecting this technology.



{ Step 1: Review Infeasibility Criteria }

If any of the following infeasibility criteria are met, this technology is considered infeasible. Applicant must list the specific infeasibility criteria below on the Stormwater Site Plan (Worksheet A1) and move on to the next BMP technology.

Infeasibility Criteria
Seasonal groundwater table is less than 1 foot below trench bottom.
Runoff would be discharged to a landslide hazard area.
Runoff would be discharged on or above slopes greater than 20%.
The perforated stub out connection cannot feasibly be located downgradient from a septic system.

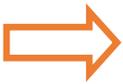


{ Step 2: Review Applicable Design Criteria }

Complete the following checklist (list "N/A" where design criteria does not apply). Also, complete table below for length of perforated pipe required.

Design Criteria for Perforated Stub-Out Connection		
Applicant	Reviewer	Criteria
		Project does not trigger any of the infeasibility requirements above
		Perforated pipe cannot be located under impervious or heavily compacted surfaces (e.g. driveways and parking areas)
		Perforated stub-outs must consist of at least 10 feet of perforated pipe for every 5,000 square feet of roof area
		Perforated pipe is laid in a level, 2- foot wide trench with backfill and filter fabric placed as depicted in Figure 3.1.8

Roof Area in Square Feet: _____ Length of Perforated Pipe in Feet: _____



{ Step 3: Submit Site Plan }

Submit a site plan that contains all of the following information:

- Scale and North arrow
- Location and length of proposed perforated pipe
- Roof area draining to perforated pipe
- Trench detail for perforated pipe (applicant can use Ecology detail included with this worksheet)
- Dimension to nearby property lines, structures, steep slope, lake, wetland, or other impervious surface where applicable