

**Table 7.9:** Critical timing of construction inspections - enhanced swales.

Construction Sequence Step and Timing	Inspection Item	Observations <sup>1</sup>
<b>Site Preparation – after site clearing and grading, prior to BMP excavation and grading</b>	Natural heritage system and tree protection areas remain fenced off	
	ESCs protecting BMP layout area are installed properly	
	CDA is stabilized or runoff is diverted around BMP layout area	
	BMP layout area has been cleared and is staked/delineated	
	Benchmark elevation(s) are established nearby	
	Construction materials have been confirmed to meet design specifications	
<b>BMP Excavation and Grading - prior to landscaping</b>	Excavation location, footprint, depth and slopes are acceptable	
	Excavated soil is stockpiled outside the CDA	
	Embankments/berms (elevations, slopes, compaction) are acceptable	
	Excavation bottom and sides roughened to reduce smearing and compaction	
<b>Landscaping – after final grading, prior to planting</b>	Topsoil depth, degree of compaction and surface elevations at inlets and outlets are acceptable	
	Maximum surface ponding depth is acceptable	
	Filter bed is free of ruts and local depressions	
	Planting material meets approved planting plan specifications (plant types and quantities)	

Notes:

1. S = Satisfactory; U= Unsatisfactory; NA = Not Applicable

#### 7.2.4 [Inspection Field Data Forms](#)

Template forms for recording inspection observations, measurements, sampling location details and follow-up actions have been prepared for each LID BMP type and can be found in Appendix C.

#### 7.2.5 [Routine Maintenance](#)

Table 7.10 describes routine maintenance tasks for enhanced swales, organized by BMP component, along with recommended minimum frequencies. It also suggests higher frequencies for certain tasks that may be warranted for BMPs located in highly visible locations or those receiving flow from large or high traffic (vehicle or pedestrian) drainage areas. Tasks involving removal of trash, debris and sediment and weeding/trimming of vegetation for BMPs in such contexts may need to be done more frequently (i.e., higher standards may be warranted).