

PUBLIC WORKS ENGINEERING
Stormwater BMP Construction Inspection Form

Project: _____
 Engineer: _____
 Contractor: _____
 Inspector: _____

BMP: Vegetated Swale - DRY		Yes	No	Date
Prior to excavation	Has tributary area been stabilized?	<input type="checkbox"/>	<input type="checkbox"/>	
	Are erosion control measures in place to protect BMP from silt laden runoff during construction?	<input type="checkbox"/>	<input type="checkbox"/>	
	Has a percolation test been performed to verify infiltration rate? Perc test to be performed at bottom of swale elevation.	<input type="checkbox"/>	<input type="checkbox"/>	
Excavation of swale	Has swale been excavated to proper shape (parabolic or trapezoidal) per plans?	<input type="checkbox"/>	<input type="checkbox"/>	
	Was excavation performed in a manner to not compact the soil (e.g. tracked equipment) or was the soil scarified after excavation?	<input type="checkbox"/>	<input type="checkbox"/>	
Excavation of underdrain	Is swale excavated to plan depth?	<input type="checkbox"/>	<input type="checkbox"/>	
	Is the proper pipe installed: type, size, perforations, and filter sock?	<input type="checkbox"/>	<input type="checkbox"/>	
	Is pipe installed to line and grade? Are joints installed properly? (flow test?)	<input type="checkbox"/>	<input type="checkbox"/>	
	Is gravel backfill around pipe clean, washed rock?	<input type="checkbox"/>	<input type="checkbox"/>	
	Is geotextile proper type and placed per plans (if shown)?	<input type="checkbox"/>	<input type="checkbox"/>	
	Is soil backfill for remainder of trench permeable soil free from substantial amounts of clay or other deleterious matter?	<input type="checkbox"/>	<input type="checkbox"/>	
Pea gravel Diaphragm (if shown)	Is soil being settled with water as it is installed?	<input type="checkbox"/>	<input type="checkbox"/>	
	Is the trench excavated to proper depth and width?	<input type="checkbox"/>	<input type="checkbox"/>	
	Is geotextile proper type and placed per plans (if shown)?	<input type="checkbox"/>	<input type="checkbox"/>	
Check dams (if shown)	Is pea gravel clean, washed stone?	<input type="checkbox"/>	<input type="checkbox"/>	
	Are berms/check dams of proper material and shape?	<input type="checkbox"/>	<input type="checkbox"/>	
	Are check dams embedded into slopes the proper distance?	<input type="checkbox"/>	<input type="checkbox"/>	
Sediment forebay (if shown)	Do weirs match design and allow water to drain completely?	<input type="checkbox"/>	<input type="checkbox"/>	
	Is pipe discharge and riprap per plans and City requirements?	<input type="checkbox"/>	<input type="checkbox"/>	
	Is check dam/flow spreader properly constructed and level?	<input type="checkbox"/>	<input type="checkbox"/>	
Planting	Do plants match type and size shown on plans?	<input type="checkbox"/>	<input type="checkbox"/>	
	Does ground cover match plans?	<input type="checkbox"/>	<input type="checkbox"/>	
	Is fertilizer being applied at appropriate rates?	<input type="checkbox"/>	<input type="checkbox"/>	
Sign off	Was the area protected from construction traffic or remedial measures provided?	<input type="checkbox"/>	<input type="checkbox"/>	
	Is tributary area stabilized?	<input type="checkbox"/>	<input type="checkbox"/>	
	Is vegetation healthy and established (minimum of two weeks after planting)?	<input type="checkbox"/>	<input type="checkbox"/>	
	Is ground cover rooted (gentle pulling should not uproot it)?	<input type="checkbox"/>	<input type="checkbox"/>	
	Is the swale, sediment forebay, and discharge free of erosion and sediment?	<input type="checkbox"/>	<input type="checkbox"/>	
	Is the swale dry with no evidence of ponding?	<input type="checkbox"/>	<input type="checkbox"/>	

Comments/Notes:

