

GENERAL INFORMATION:

GI Identifier:	Inspection Type (Check one): Construction <input type="checkbox"/> Warranty <input type="checkbox"/> Routine Operation <input type="checkbox"/> Maintenance Verification <input type="checkbox"/> Performance Verification <input type="checkbox"/>
Address:	Location:
GI Construction Date:	GI Warranty Date:

VISUAL INDICATORS:

Inspection date and time: MM/DD/YYYY HH:MM:SS	Weather (24 hours prior to inspection):
Inspected by:	Inspection duration (minutes):

COMPONENT	INDICATOR	CONDITION	FOLLOW-UP
Contributing Drainage Area	Contributing drainage area condition: Area differs by >10% from design or as-built drawing; Excessive trash, debris, sediment or other pollutant load is present or impairing function of the GI; Land cover has changed	Comment/Measurements:	Action:
		Pass <input type="checkbox"/> Fail <input type="checkbox"/>	Timeframe:
Inlet	Inlet structural integrity: Damage to inlet or flow spreader structure is impairing function of the GI	Comment/Measurements:	Action:
		Pass <input type="checkbox"/> Fail <input type="checkbox"/>	Timeframe:
	Inlet obstruction: Sediment/trash/debris/vegetation ≥5cm deep or blocking inflow over one third (33%) of the width	Comment/Measurements:	Action:
		Pass <input type="checkbox"/> Fail <input type="checkbox"/>	Timeframe:

COMPONENT	INDICATOR	CONDITION	FOLLOW-UP
Inlet <i>(Continued)</i>	Inlet erosion: Gullies or bare soil areas ≥30cm in length are visible	Comment/Measurements:	Action:
		Pass <input type="checkbox"/> Fail <input type="checkbox"/>	Timeframe:
Perimeter	GI dimensions: Differ from design or as-built drawing by >10%	Comment/Measurements:	Action:
		Pass <input type="checkbox"/> Fail <input type="checkbox"/>	Timeframe:
Filter Bed	Standing water: Standing water ponded on filter bed surface >24 hours after the end of a storm event	Comment/Measurements:	Action:
		Pass <input type="checkbox"/> Fail <input type="checkbox"/>	Timeframe:
	Trash: Trash is visible and impairing aesthetics or function of the GI	Comment/Measurements:	Action:
		Pass <input type="checkbox"/> Fail <input type="checkbox"/>	Timeframe:
	Filter bed erosion: Gullies, ruts or bare soil areas ≥30cm in length are visible	Comment/Measurements:	Action:
		Pass <input type="checkbox"/> Fail <input type="checkbox"/>	Timeframe:
	Mulch depth: Average depth is less than 5cm or greater than 15cm or bare soil areas are visible	Comment/Measurements:	Action:
		Pass <input type="checkbox"/> Fail <input type="checkbox"/>	Timeframe:
	Filter bed sediment accumulation: Mean or local accumulation of sediment is ≥5cm in depth	Comment/Measurements:	Action:
		Pass <input type="checkbox"/> Fail <input type="checkbox"/>	Timeframe:

COMPONENT	INDICATOR	CONDITION	FOLLOW-UP
Filter Bed <i>(Continued)</i>	Filter bed surface sinking: Local surface depressions are ≥10cm in depth or animal burrows are visible	Comment/Measurements:	Action:
		Pass <input type="checkbox"/> Fail <input type="checkbox"/>	Timeframe:
Planting Area	Vegetation cover: Less than 80% of planting area is covered by living vegetation	Comment/Measurements:	Action:
		Pass <input type="checkbox"/> Fail <input type="checkbox"/>	Timeframe:
	Vegetation condition: Vegetation is over-grown or over-crowded and is impairing aesthetics or obstructing sight lines needed for safety	Comment/Measurements:	Action:
		Pass <input type="checkbox"/> Fail <input type="checkbox"/>	Timeframe:
	Vegetation composition: More than 50% of the vegetation is undesirable (e.g. weeds, invasive) or not the species specified in the planting details	Comment/Measurements:	Action:
		Pass <input type="checkbox"/> Fail <input type="checkbox"/>	Timeframe:
Outlet	Overflow outlet obstruction: Structural damage, sediment/trash/debris is obstructing outflow, structure is full of water or grate is missing	Comment/Measurements:	Action:
		Pass <input type="checkbox"/> Fail <input type="checkbox"/>	Timeframe:
Simplified Notation:			
Inspection Type: C = Construction; W = Warranty; RO = Routine Operation; MV = Maintenance Verification; PV = Performance Verification Comments: N/A = Not Applicable; N/I = Not Inspected Actions: 0 = No Action Required; 1 = Routine Maintenance Required; 2 = Structural Repair Required; 3 = Further Investigation Required			

Photographs:

Notes and Sketches:

SOIL CHARACTERIZATION TESTING:

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Sampling date and time: MM/DD/YYYY HH:MM:SS	Weather (24 hours prior sampling):
Sampled by:	Sampling duration (minutes):

Sample ID/ Sample #	Sampling Location	Sample Collected? (Yes/No)	Topsoil Depth (cm)	Maximum Penetrometer Reading* (PSI, kg/cm ² or kPa)	Sample ID/ Sample #	Sample Location	Sample Collected? (Yes/No)	Topsoil Depth (cm)	Maximum Penetrometer Reading* (PSI, kg/cm ² or kPa)

Notes and Sketches:

*Reference ASTM D6951/D6951M Standard Test Method for Use of the Dynamic Cone Penetrometer in Shallow Pavement Application