

#### **GENERAL INFORMATION:**

GI Identifier:	Inspection Type (Check one):				
	Construction $\Box$ Warranty $\Box$ Routine Operation $\Box$				
	Maintenance Verification  Performance Verification				
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	<b>Contributing drainage area condition:</b> 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	Comment/Measurements:	Action:
	cover has changed	Pass 🗆 🛛 Fail 🗆	Timeframe:
Inlet	Inlet structural integrity: Damage to inlet or flow spreader structure is impairing function of the GI	Comment/Measurements:	Action:
		Pass 🗆 🛛 Fail 🗆	Timeframe:
	Inlet obstruction: Sediment/trash/debris/vegetation ≥5cm deep or blocking inflow over one third (33%) of the width	Comment/Measurements:	Action:
		Pass 🗆 🛛 Fail 🗆	Timeframe:

# FIELD INSPECTION DATA FORM: FILTER STRIP SYSTEM



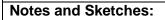
COMPONENT	INDICATOR	CONDITION	FOLLOW-UP
<b>Inlet</b> (Continued)	Inlet erosion: Gullies or bare soil areas ≥30cm in length are visible	Comment/Measurements:	Action:
1 2	5	Pass 🗆 🛛 Fail 🗆	Timeframe:
Perimeter	<b>GI dimensions:</b> Differ from design or as-built drawing by >10%	Comment/Measurements:	Action:
		Pass 🗆 🛛 Fail 🗆	Timeframe:
	Standing water: Standing water ponded on filter bed surface >24 hours after the end of a storm event	Comment/Measurements:	Action:
		Pass 🗆 🛛 Fail 🗆	Timeframe:
	<b>Trash:</b> Trash is visible and impairing aesthetics or function of the GI	Comment/Measurements:	Action:
		Pass 🗆 🛛 Fail 🗆	Timeframe:
Filter Bed	Filter bed erosion: Gullies, ruts or bare soil areas ≥30cm in length are visible	Comment/Measurements:	Action:
		Pass 🗆 🛛 Fail 🗆	Timeframe:
	<b>Mulch depth:</b> Average depth is less than 5cm or greater than 15cm or bare soil areas are visible	Comment/Measurements:	Action:
		Pass 🗆 🛛 Fail 🗆	Timeframe:
	Filter bed sediment accumulation: Mean or local accumulation of sediment is ≥5cm in depth	Comment/Measurements:	Action:
		Pass 🗆 🛛 Fail 🗆	Timeframe:

# FIELD INSPECTION DATA FORM: FILTER STRIP SYSTEM



COMPONENT	INDICATOR	CONDITION	FOLLOW-UP
Filter Bed (Continued)	Filter bed surface sinking: Local surface depressions are ≥10cm in depth or animal burrows are visible	Comment/Measurements:	Action:
		Pass 🗆 Fail 🗆	Timeframe:
	Vegetation cover: Less than 80% of planting area is covered by living vegetation	Comment/Measurements:	Action:
		Pass 🗆 Fail 🗆	Timeframe:
Planting Area	Vegetation condition: Vegetation is over-grown or over-crowded and is impairing aesthetics or obstructing sight lines needed	Comment/Measurements:	Action:
	for safety	Pass 🗆 🛛 Fail 🗆	Timeframe:
	<b>Vegetation composition:</b> More than 50% of the vegetation is undesirable (e.g. weeds, invasive) or not the species specified in the	Comment/Measurements:	Action:
	planting details	Pass 🗆 🛛 Fail 🗆	Timeframe:
Outlet	Overflow outlet obstruction: Structural damage, sediment/trash/debris is obstructing outflow, structure is full of water or grate	Comment/Measurements:	Action:
	is missing	Pass 🗆 🛛 Fail 🗆	Timeframe:
Simplified Nota	tion:		
Comments: N/A	C = Construction; W = Warranty; RO = Routine Operation = Not Applicable; N/I = Not Inspected Action Required; 1 = Routine Maintenance Required; 2 =		

Photographs:







### SOIL CHARACTERIZATION TESTING:

GI Identifier:	Inspection Type (Check one):		
	Construction $\Box$ Warranty $\Box$ Routine Operation $\Box$		
	Maintenance Verification $\Box$ Performance Verification $\Box$		
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 <sup>2</sup> or kPa)	Sample ID/ Sample #	Sample Location	Sample Collected? (Yes/No)	Topsoil Depth (cm)	Maximum Penetrometer Reading* (PSI, kg/cm <sup>2</sup> or kPa)
Notes and S	ketches:				<u>.</u>		<u>.</u>		

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