GENERAL INFORMATION:

GI Identifier:	**Inspection Type (Check one):** Construction ☐ Warranty ☐ Routine Operation ☐ 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	**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 ☐ **Fail** ☐	Timeframe:
Inlet	**Inlet structural integrity:** Damage to inlet or structure is impairing function of the GI	Comment/Measurements:	Action:
		Pass ☐ **Fail** ☐	Timeframe:

COMPONENT	INDICATOR	CONDITION	FOLLOW-UP
Inlet *(Continued)*	**Inlet obstruction:** Sediment/trash/debris/vegetation ≥5cm deep or blocking inflow over one third (33%) of the inlet width or area	Comment/Measurements:	Action:
		Pass ☐ **Fail** ☐	Timeframe:
	Pretreatment sediment accumulation: Device is ≥50% full of sediment/trash/debris or inflow of water to the GI is impaired	Comment/Measurements:	Action:
		Pass ☐ **Fail** ☐	Timeframe:
	Inlet erosion: Gullies or bare soil areas ≥30cm in length are visible	Comment/Measurements:	Action:
		Pass ☐ **Fail** ☐	Timeframe:
Perimeter	**GI dimensions:** Differ from design or as-built drawing by >10%	Comment/Measurements:	Action:
		Pass ☐ **Fail** ☐	Timeframe:
Filter Bed	**Trash:** Trash is visible and impairing aesthetics or function of the GI	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:
Planting Area (if applicable)	**Vegetation cover:** Less than 80% of planting area is covered by living vegetation	Comment/Measurements:	Action:
		Pass ☐ **Fail** ☐	Timeframe:

COMPONENT	INDICATOR	CONDITION	FOLLOW-UP
Planting Area (if applicable) *(Continued)*	**Vegetation condition:** Vegetation is over-grown or over-crowded and is impairing aesthetics or obstructing sight lines needed for safety	Comment/Measurements:	Action:
		Pass ☐ **Fail** ☐	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 ☐ **Fail** ☐	Timeframe:
Outlet	**Monitoring well condition:** Structural damage or sediment clog is visible and impairing its function or cap is missing	Comment/Measurements:	Action:
		Pass ☐ **Fail** ☐	Timeframe:
	Underdrain obstruction: Structural damage, sediment clog or vegetation roots are visible and reducing conveyance capacity of the pipe by ≥ 33%	Comment/Measurements:	Action:
		Pass ☐ **Fail** ☐	Timeframe:
	Overflow outlet obstruction: Structural damage, sediment/trash/debris is obstructing outflow, structure is full of water or grate is missing	Comment/Measurements:	Action:
		Pass ☐ **Fail** ☐	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:

NATURAL OR SIMULATED STORM EVENT TESTING:

GI Identifier:	**Inspection Type (Check one):** Construction ☐ Warranty ☐ Routine Operation ☐ Maintenance Verification ☐ Performance Verification ☐
Testing date and time: MM/DD/YYYY HH:MM:SS	**Subsurface water storage reservoir depth (mm):**
Tested by:	**Test duration (hours):**

	Parameter	Test #1	Test #2	Test #3	Average
A	**Volume of water directed to the GI (L or m^3, estimated from contributing drainage area and rainfall depth for natural storm events, measured by flow meter for simulated storm events)**				
B	Maximum post-storm subsurface storage reservoir water level (mm, at end of rainfall or delivery of water to the GI)				
C	Date/time (mm/dd/yyyy hh:mm:ss) of maximum post-storm subsurface storage reservoir water level				
D	Subsurface storage reservoir starting water level (mm, half full water level):				
E	Date/time (mm/dd/yyyy hh:mm:ss) of subsurface storage reservoir starting water level (half full)				
F	Subsurface storage reservoir ending water level (mm, one quarter full water level)				
G	Date/time (mm/dd/yyyy hh:mm:ss) of subsurface storage reservoir ending water level (one quarter full)				
H	Date/time (mm/dd/yyyy hh:mm:ss) when subsurface storage reservoir is fully drained (zero or static water level reading)				
I	**Subsurface water storage reservoir drainage period duration (h, (H-C)*24)**				
J	**Subsurface water storage reservoir drainage rate (mm/h, (D-F)/(G-E)*24)**				

Acceptance Criteria:
• Water flows into GI as intended • Underdrain peak flow rate is within +/- 15% of design specification • Active subsurface water storage reservoir volume drains within 48 to 72 hours of the end of the storm for newly constructed GIs, and within 48 to 96 hours for in-service GIs

Additional Notes: