

Public Inspection and Maintenance Checklist Infiltration Basins, Trenches, And Swales

Date: _____ Work Order # _____

Type of Inspection: Storm Weekly Monthly Annual

Facility: _____ Inspector(s): _____

Defect	Conditions When Maintenance Is Needed	Maintenance (1 or 2) [†]	Comments
General			
Trash & Debris*	Trash and debris > 5 cf/1,000 sf (one standard size garbage can) Visual evidence of dumping		
Poisonous Vegetation and noxious weeds	Poisonous or nuisance vegetation or noxious weeds: morning glory, English ivy, reed canary grass, Japanese knotweed, purple loosestrife, blackberry, Scotch broom, poison oak, stinging nettles, or devil's club		
Contaminants and Pollution	Any evidence of oil, gasoline, contaminants or other pollutants		
Rodent Holes*	Any evidence of rodent holes if facility is acting as a dam or berm, or any evidence of water piping through dam or berm via rodent holes		
Storage Area			
Sediment*	Water ponding in infiltration pond after rainfall ceases and appropriate time allowed for infiltration.		
Filter Bags (if applicable)			
Filled with Sediment and Debris*	Sediment and debris fill bag more than 1/2 full.		
Rock Filters			
Sediment and Debris	By visual inspection, little or no water flows through filter during heavy rain storms.		
Side Slopes of Pond			
Erosion*	Eroded over 2 in. deep where cause of damage is still present or where there is potential for continued erosion. Any erosion on a compacted berm embankment.		

[†]Maintenance: Enter 1 if maintenance is need and include WO#. Enter 2 if maintenance was performed same day.

*Indicates parameters that are tracked in Maximo.

Defect	Conditions When Maintenance Is Needed	Maintenance (1 or 2) [†]	Comments
Emergency Overflow Spillway and Berms over 4 feet in height			
Tree Growth	Tree growth on berms or emergency spillway >4 ft in height or covering more than 10% of spillway.		
Piping*	Discernable water flow through pond berm. Ongoing erosion with potential for erosion to continue.		
Emergency Overflow/ Spillway	Only one layer of rock exists above native soil in area five square feet or larger, or any exposure of native soil at the top of out flow path of spillway. (Rip-rap on inside slopes need not be replaced.)		
Erosion*	See "Side Slopes of Pond"		
Pre-settling Ponds and Vaults			
Facility or Sump Filled with Sediment and/or Debris*	6" or designed sediment trap depth of sediment.		

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