

TABLE 1. RESPONSIVE OPERATION AND MAINTENANCE ACTIVITIES

Stormwater Management Facilities		
DETENTION POND / INFILTRATION POND - BASIN AREA		
ITEM	OBSERVED CONDITION	REQUIRED ACTION
Trash and Debris	Any trash or debris that exceeds 2 ft ³ (this is about equal to a 15 gallon garbage can). Examples of trash and debris include: paper, plastic, fallen tree limbs, leaves, etc.	Clear trash and debris from pond
Poisonous or Invasive Vegetation	Any poisonous or invasive vegetation that may constitute a hazard or threatens the habitat or function of the pond. Examples of poisonous and invasive vegetation include: poison ivy, milkweed, briars, etc.	Remove vegetation from pond
Pollution	Oil, gasoline or other contaminants such as grease, fuel oil, heating oil, paint, pesticides, herbicides, fertilizers, sewage, chloring, solvents, antifreeze of one (1) gallon or more or any amount found that could (a) cause damage to plant, animal or marine life; (b) constitute a fire hazard; (c) be flushed downstream during rainstorms; or, (d) contaminate groundwater	Remove contaminants from pond; dispose of contaminated materials in accordance with applicable Federal, State, County and/or Municipal regulations; re-vegetate treated areas if necessary
Unmowed Grass	Grass exceeding 6" in height	Mow to 3' in height (max)
Rodent Holes	Any evidence of rodent holes or evidence of water piping through dam or berm via rodent holes	Contact local health department and/or pest control service regarding removal or extermination; fill holes and repair damage to dam or berm; re-vegetate disturbed areas if necessary
Insects	Insects such as wasps or hornets nesting within pond and/or interfering with pond maintenance activities	Destroy insects and/or nests; contact County Cooperative Extension for assistance
Tree Growth	Tree growth which is unintended or which interferes with pond improvements, access and/or maintenance	Trim or remove trees
Erosion	Surface erosion exceeding 2" in depth within pond bottom area or embankments	Correct / eliminate cause of erosion; re-grade eroded areas; stabilize and revegetate disturbed area as necessary
Sediment Accumulation	Sediment which has accumulated to a volume exceeding 5% of the pond's design storage volume or which has been accumulating for a period of two (2) years	Remove accumulated sediment from pond; stabilize and revegetate disturbed area as necessary
Fencing and/or Gates	Any defect(s) or missing part(s); deteriorated paint or protective cover	Repair defect and/or replace missing part(s); repaint or repair protective covering
Access Driveway	Driveway surface defect prevents or hinders maintenance access	Correct cause of defect (eg., erosion, etc.); re-establish driveway cross section, profile and/or surface to permit unhindered maintenance vehicle access

TABLE 1. RESPONSIVE OPERATION AND MAINTENANCE ACTIVITIES

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DETENTION POND / INFILTRATION POND - TRASH SCREEN(S), FILTER(S)		
ITEM	OBSERVED CONDITION	REQUIRED ACTION
Filter(s)	Visual inspection during operation indicates that little, or no, water flows through filter(s) during heavy rainfall events	Clear filter(s) of accumulated debris or, if necessary, replace filter media
Trash Screen	Visual Inspection indicates that trash and debris is blocking 20% or more of the opening area of the screen	Remove all trash and debris and clear the entire opening area of the screen
Trash Screen	Screen bars are bent and/or openings are distorted	Straighten screen bars to reestablish original mesh opening pattern to within 1/2" of original design or, if necessary, replace trash screen
DETENTION POND / INFILTRATION POND - OUTLET / DISCHARGE CONTROL DEVICE(S)		
ITEM	OBSERVED CONDITION	REQUIRED ACTION
Trash and Debris	Visual observation indicates that vertical distance between build-up of sediment, trash and/or debris and bottom of orifice plate is less than 2"	Remove all accumulated sediment, trash and/or debris
Device / Structural Damage	Visual observation indicates that the discharge control device is damaged or defective	Repair or replace discharge control device
Device / Fastening and/or Installation	Visual observation indicates that discharge control device is not securely fastened to wall of outlet control structure	Re-attach discharge control device securely to wall of outlet control structure; replace fastening hardware if necessary
EMERGENCY SPILLWAY		
ITEM	OBSERVED CONDITION	REQUIRED ACTION
Structural Damage	Visual observation indicates that the emergency overflow spillway is structurally damaged or defective	Repair or replace emergency overflow spillway
CONDUIT OUTLET PROTECTION		
ITEM	OBSERVED CONDITION	REQUIRED ACTION
Rip Rap Apron	Accumulated sediment and/or vegetation obscures visual observation of pore space and interstices between rocks across more than 40% of apron area	Flush and/or otherwise remove accumulated sediment and/or vegetation from rip rap apron

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Stormwater Management Facilities

INLETS, MANHOLES AND STRUCTURES

ITEM	OBSERVED CONDITION	REQUIRED ACTION
Structure / Structural Damage	Visual inspection indicates that structure is damaged (i.e., cracked, fractured, or otherwise defective) or deteriorated	Repair minor cracks using hydraulic grout; if damage is severe and/or deterioration advanced, replace structure
Casting Frame / Structural Damage	Visual inspection indicates that Casting Frame is bent, deformed and/or broken	Replace casting frame
Casting Frame / Installation	Visual inspection indicates that the casting frame is separated from structure by more than 5/8" (i.e., the width of a dime)	Reinstall / re-grout casting frame
Casting Grate or Lid / Structural Damage	Visual inspection indicates that casting grate or lid is cracked and/or broken	Replace casting grate or lid
Casting Grate or Lid / Installation	Grate/lid not in proper place and/or difficult to remove	Remove grate/lid; clean seating flanges and grate/lid; reinstall grate/lid
Ladder Rungs	Ladder rungs are missing, deformed or broken	Replace ladder rungs to requirements of original design
Pollution	Oil, gasoline or other contaminants such as grease, fuel oil, heating oil, paint, pesticides, herbicides, fertilizers, sewage, chloring, solvents, antifreeze of one (1) gallon or more or any amount found that could (a) cause damage to plant, animal or marine life; (b) constitute a fire hazard; (c) be flushed downstream during rainstorms; or, (d) contaminate groundwater	Remove contaminants from pond; dispose of contaminated materials in accordance with applicable Federal, State, County and/or Municipal regulations
Sediment, Trash, Debris and/or Vegetation	Accumulated sediment, trash, debris and/or vegetation within, or upon, structure	Remove accumulated sediment, trash, debris and/or vegetation from within, or upon, structure

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Stormwater Management Facilities

CONVEYANCE CONDUITS

ITEM	OBSERVED CONDITION	REQUIRED ACTION
Conduit / Structural Damage	Inspection indicates that structure is damaged (i.e., cracked, punctured, collapsed or otherwise defective) or deteriorated	Repair minor cracks and/or punctures in accordance with manufacturer's recommendations; if damage is irreparable, severe and/or deterioration advanced, replace defective section(s) of conduit
Sediment, Trash, and/or Debris	Accumulated sediment, trash and/or debris within conduit(s)	Remove accumulated sediment, trash and/or debris from within conduit(s)