

SU147480000A, INDIAN RIVER FARMS LAKE #1, 979831, 2017-04-11

Created	2017-04-02 01:57:11 UTC by Jaime Parson
Updated	2017-06-15 14:42:03 UTC by Samantha Butler
Location	36.748826518463, -76.124476734359
Status	■ Complete

Overall Information

HIGHEST SCORE	2
Inspector	Michelle Karpaitis
Team	Team 2
Compkey	979831
UnitID	SU147480000A
SWMF_Name	INDIAN RIVER FARMS LAKE #1
Date	2017-04-11
Time	09:14
Weather	Sunny, Mild, Windy
Rainfall	No Rain
Address	2512 Belmont Stakes Dr Virginia Beach, VA 23456
Ownership GIS	P-FQ
General Comments	Filter strip and side slope dominated by woody vegetation all along pond. Erosion/bare soil on slope in several locations around pond. Able to locate pipe F12509-1038, but unable to fully inspect due to overgrown vegetation. Located inlet F12509-1041, but unable to assess due to woody vegetation overgrowth.

SWMF Inspection Guidance TRASH/DEBRIS 1. Is there excessive trash/debris? 2. Is trash/debris causing a blockage? VEGETATION 1. Appropriate vegetation within each inundation zone? 2. Woody growth on forebay, embankment, side slopes, spillway, and/or within 5 feet of outlet pipe barrel? 3. Any invasive species/weeds? 4. Vegetation diseased, dying, or dead? STRUCTURAL INTEGRITY 1. Inlet and outlet provide stable conveyance in and out of pond? 2. Deteriorating, misaligned, broken or missing pieces? 3. Seepage into inlet or outlet piping? 4. Soft spots, boggy areas, seepage or sinkholes present? EROSION 1. Settlement, cracking, bulging, misalignment, erosion rills deeper than 2 inches, or sloughing? 2. Is there evidence of erosion, undercutting, and/or bare or exposed soil in any of the facilities? 3. Is discharge causing undercutting, erosion, or displaced rip-rap at or around the outlet? SEDIMENTATION 1. Evidence of clogging in pre-treatment cell (standing water, noticeable odors, water stains, algae or floating aquatic vegetation)? 2. Excess sediment deposits? 3. Water levels in one or more cells abnormally high or low? 4. Is sedimentation causing a blockage? MISCELLANEOUS 1. Adequate access to the facility? 2. Any other observations that need correction?

1 - SEDIMENT FOREBAY INSPECTED	N/A
1 - First Highest Sediment Forebay Score and Defect type	0 -
1 - First Highest Sediment Forebay Score	0
2 - PRE-TREATMENT GRASS FILTER STRIP INSPECTED	Yes

Vegetation

Pre-treatment Grass Filter Strip Defect Type	Vegetation
Pre-treatment Grass Filter Strip Defect Type Score	2 = Degraded condition. Poorly maintained, routine maintenance and repairs needed.

Pre-treatment Grass Filter Strip Defect Type Photo



Filter strip dominated by woody vegetation all along pond.

Pre-treatment Grass Filter Strip Comment	Filter strip dominated by woody vegetation all along pond.
2 - First Highest Pre Treatment Grass Filter Strip Score and Defect type	2 - Vegetation
2 - First Highest Pre Treatment Grass Filter Strip Score	2
3 - SIDE SLOPE INSPECTED	Yes

Vegetation

Side Slope Defect Type	Vegetation
Side Slope Defect Type Score	2 = Degraded condition. Poorly maintained, routine maintenance and repairs needed.
Side Slope Defect Type Photo	



Trees and woody vegetation overgrown on slope around pond.

Inlet Defect Type Photo



Woody vegetation overgrown around pipe. No other visible defects.

Inlet Comment	Woody vegetation overgrown around pipe. No other visible defects. Shown on field map as a storm node
Inlet ID	F12509-1044
Inlet Defect Type Score	0 = Good condition. Well maintained, no action required.

Inlet Defect Type Photo



Inlet overall in good condition. Probe used to locate inlet in picture. Shown on map as a storm node

Inlet Comment

Inlet overall in good condition. Probe used to locate inlet in picture. Shown on field map as a storm node

Inlet ID

F12509-1041

Inlet Defect Type Photo



Located inlet, but unable to assess due to woody vegetation overgrowth. Shown on map as a storm node

Inlet Comment

Located inlet, but unable to assess due to woody vegetation overgrowth. Shown on field map as a storm node

Inlet ID

F12509-1037

Inlet Defect Type Photo



Inlet Comment

Shown on field map as a storm node.

Structure mostly submerged, but looks to be in good condition. Connects to F12509-1036 from Indian River Farms Lake #2.

6 - First Highest Inlet Score and Defect type	1 - Vegetation
6 - First Highest Inlet Score	1
7 - OUTLET INSPECTED	N/A
7 - First Highest Outlet Score and Defect type	0 -
7 - First Highest Outlet Score	0
8 - OVERFLOW EMERGENCY SPILLWAY INSPECTED	N/A
8 - First Highest Overflow Emergency Spillway Score and Defect type	0 -
8 - First Highest Overflow Emergency Spillway Score	0
Routine SWMF	Yes
Repairs Needed	Yes

Signature



Signed 2017-04-11 13:52:08 UTC

