

SU1474710000, INDIAN RIVER FARMS LAKE #3, 979833, 2017-04-10

Created	2017-04-02 01:57:11 UTC by Jaime Parson
Updated	2017-06-08 18:22:47 UTC by Samantha Butler
Location	36.7497596334931, -76.1285200645552
Status	■ Complete

Overall Information

HIGHEST SCORE	3
Inspector	Michelle Karpaitis
Team	Team 2
Compkey	979833
UnitID	SU1474710000
SWMF_Name	INDIAN RIVER FARMS LAKE #3
Date	2017-04-10
Time	15:07
Weather	Sunny
Rainfall	No Rain
Address	3809 Winners Cir Virginia Beach, VA 23456
Ownership GIS	P-FQ
General Comments	Some woody vegetation in grass filter strip. Large amount of erosion on side slope. Private residence inlet may be contributing to erosion. Algal bloom occurring within pond. Erosion on sides of riser F12509- 1023. Overgrown vegetation blocking inlet F12509-1055. Inlet F12509-1055 has an 8" deep sediment deposit in pipe.

General Photos



Evidence of overgrowth of algae

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	1 = Moderate condition. Adequately maintained, routine maintenance needed.

Pre-treatment Grass Filter Strip Defect Type Photo



Some woody vegetation that may lead to future erosion

Pre-treatment Grass Filter Strip Comment	Some woody vegetation that may lead to future erosion
2 - First Highest Pre Treatment Grass Filter Strip Score and Defect type	1 - Vegetation
2 - First Highest Pre Treatment Grass Filter Strip Score	1
3 - SIDE SLOPE INSPECTED	Yes

Erosion

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

Side Slope Defect Type Photo



Large amount of erosion on side slope

Side Slope Comment

Large amount of erosion on side slope

Erosion

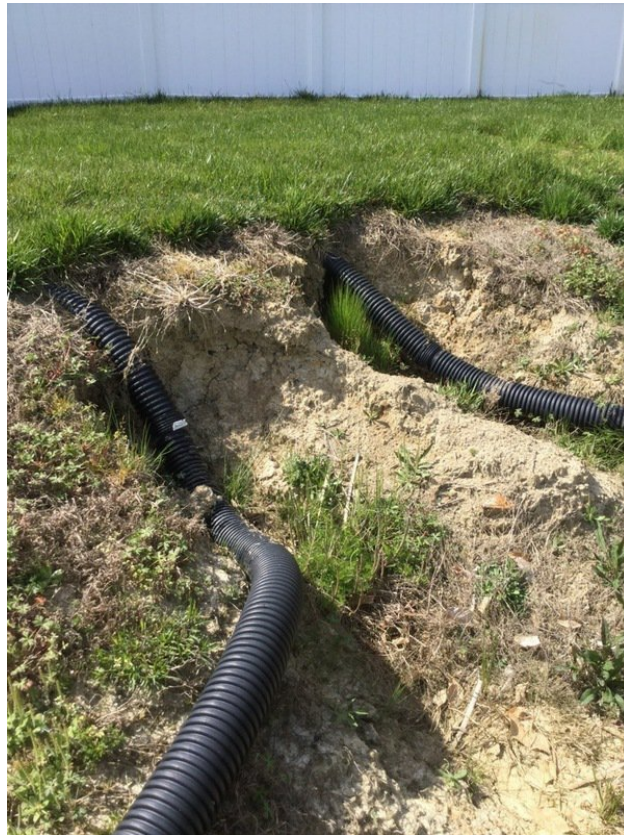
Side Slope Defect Type

Erosion

Side Slope Defect Type Score

2 = Degraded condition. Poorly maintained, routine maintenance and repairs needed.

Side Slope Defect Type Photo



Private residence inlet may be causing erosion

Side Slope Comment

Private residence inlet may be causing erosion

Sedimentation

Side Slope Defect Type

Sedimentation

Side Slope Defect Type Score

2 = Degraded condition. Poorly maintained, routine maintenance and repairs needed.

Side Slope Defect Type Photo



Evidence of overgrowth of algae

Side Slope Comment	Evidence of overgrowth of algae
3 - First Highest Side Slope Score and Defect type	2 - Erosion
3 - First Highest Side Slope Score	2
4 - EMBANKMENT INSPECTED	N/A
4 - First Highest Embankment Score and Defect Type	0 -
4 - First Highest Embankment Score	0
5 - RISER PRINCIPAL SPILLWAY INSPECTED	Yes

Erosion

Riser Principal Spillway Defect Type	Erosion
Riser Principal Spillway Defect Type Score	1 = Moderate condition. Adequately maintained, routine maintenance needed.

Riser Principal Spillway Defect Type Photo



Erosion on sides of riser F12509- 1023

Riser Principal Spillway Comment	Erosion on sides of riser F12509- 1023. Shown on field map as a storm inlet
5 - First Highest Riser Principal Spillway Score and Defect type	1 - Erosion
5 - First Highest Riser Principal Spillway Score	1
6 - INLET INSPECTED	Partial see comments
Vegetation	
Inlet Defect Type	Vegetation
Inlet ID	F12509-1055
Inlet Defect Type Score	3 = Serious condition. Immediate need for repair or replacement.

Inlet Defect Type Photo



Overgrown vegetation blocking inlet

Inlet Comment	Overgrown vegetation blocking inlet . Shown on field map as a storm node
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Sedimentation

Inlet Defect Type	Sedimentation
Inlet ID	F12509-1055
Inlet Defect Type Score	3 = Serious condition. Immediate need for repair or replacement.

Inlet Defect Type Photo



8" sediment deposit depth in pipe

Inlet Comment	8" sediment deposit depth in pipe. Shown on field map as a storm node
Inlet ID	F12509-1049
Inlet Comment	Cannot locate - submerged Upstream storm drain found Shown on field map as a storm node
Inlet ID	F12509-1052
Inlet Comment	Could not locate but evidence it is there Appears that there is sedimentation and vegetation overgrowth, but no verification. Shown on field map as a storm node
6 - First Highest Inlet Score and Defect type	3 - Vegetation
6 - First Highest Inlet Score	3
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

A handwritten signature in black ink, appearing to read "M. Harpold". The signature is written in a cursive, flowing style with some overlapping letters.

Signed 2017-04-10 19:25:21 UTC

