

TO: Steven Cioccia
Florida Department of Environmental Protection

FROM: Kimberli Kile
Engenuity Group Inc.

DATE: February 27, 2020

SUBJECT: Town of Manalapan's Cycle 3, Year 6 Audit Response Letter

Let this memo serve as the Town of Manalapan's response to the Required Improvements comment from the Florida Department of Environmental Protection's (FDEP's) audit of Cycle 3, Year 6 regarding Section IV – SWMP Implementation Review Part III.A.1: Structural Controls and Stormwater Collection Systems Operation.

As the FDEP's audit with comment was received after the Cycle 4, Year 3 reporting period, the inventory of pipe length with inspections will be included in the Town's Cycle 4, Year 4 Annual.

Please feel free to contact me with any questions or concerns.

Cc: Lisa Tropepe, P.E.
Linda Stumpf
Lisa Petersen



Roosevelt Jones
Taveris Spencer

Major Storm Water Outfalls – Structural Control Inspection
Mangonia Park-Town Administration
Form MSW-TA (2011)

Facility ID: _____

Date: Sep 2019

Inspector(s): 1601 Metal Merchant

FUNCTION:

Debris or sediment accumulation in pipe? YES NO

Barnacle accumulation in pipe? YES NO

Sediment accumulation in receiving water? YES NO

Pipe in need of repair/replacement? YES NO

If YES, report to supervisor for further investigation or schedule for maintenance.

GENERAL:

Any indications of illicit discharge or illegal dumping? YES NO

If YES, describe and report to supervisor for proper response: _____

Signs of erosion on bank near outfall? YES NO

Rip-rap in need of maintenance? YES NO

Headwall in need of repair/replacement? YES NO

If YES, schedule for maintenance.

Follow Up/Commentary:

Roosevelt Jones
Talanis Spencer

Major Storm Water Outfalls – Structural Control Inspection
Mangonia Park-Town Administration
Form MSW-TA (2011)

Facility ID: _____

Date: Sep 2019

Inspector(s): Cemex Titan of America

FUNCTION:

Debris or sediment accumulation in pipe? YES NO

Barnacle accumulation in pipe? YES NO

Sediment accumulation in receiving water? YES NO

Pipe in need of repair/replacement? YES NO

If YES, report to supervisor for further investigation or schedule for maintenance.

GENERAL:

Any indications of illicit discharge or illegal dumping? YES NO

If YES, describe and report to supervisor for proper response: _____

Signs of erosion on bank near outfall? YES NO

Rip-rap in need of maintenance? YES NO

Headwall in need of repair/replacement? YES NO

If YES, schedule for maintenance.

Follow Up/Commentary:

**Major Stormwater Outfalls – Structural Control Inspection
Standard Operational/Maintenance/Documentation Protocol
System Plan 7**

There are 2 major storm water outfall (MSWOs) that are part of the Town's MS4 1 and 2. A MSWO is defined as:

- an outfall pipe larger than 36-inch inside diameter (or its equivalent), OR
- discharge from a single conveyance other than a pipe that serves a drainage area of 50 acres or more, OR
- an outfall pipe larger than 12-inches inside diameter (or its equivalent) that serves a drainage area containing industrial land uses, OR
- discharge from a single conveyance other than a pipe that serves a drainage area of 2 acres or more than include industrial land uses.

The MSOWs within our MS4 are located on the map 5 in the appendices.

Inspections:

MSWOs are inspected annually, or more frequently if historic operations indicate that it is needed for a particular MSWO. Inspections are conducted in accordance with the following Structural Control Inspection Form.

The anticipated inspection schedule will be yearly or as needed.

Maintenance:

There are several maintenance activities that may be associated with MSWOs. The appropriate activity is chosen to correspond to the reported condition. The following activities may be required:

1. Remove trash and debris and dispose of properly.
2. Remove accumulated vegetative matter and dispose of properly.
3. Remove accumulated sediment and dispose of properly.
4. Maintain earthen bank adjacent to the discharge pipe or headwall.
5. Maintain the headwall at the outfall, if applicable.
6. Repair/replace pipe if needed.
7. Look for illicit discharges-if present, report, track source, eliminate discharge and fully report on all actions and solution on following form.

Documentation:

The documentation for the inspection and maintenance activities related to major storm water outfalls is the form at the end of this section.

Major Storm Water Outfalls – Structural Control Inspection
Mangonia Park-Town Administration
Form MSW-TA (2011)

Facility ID: _____

Date: _____

Inspector(s): _____

FUNCTION:

Debris or sediment accumulation in pipe?	YES	NO
Barnacle accumulation in pipe?	YES	NO
Sediment accumulation in receiving water?	YES	NO
Pipe in need of repair/replacement?	YES	NO
<i>Illicit discharge noted?</i>	YES	NO

If *YES*, report to supervisor for further investigation or schedule for maintenance.

GENERAL:

Any indications of illicit discharge or illegal dumping? YES NO

If *YES*, describe and report to supervisor for proper response: _____

Signs of erosion on bank near outfall? YES NO

Rip-rap in need of maintenance? YES NO

Headwall in need of repair/replacement? YES NO

If *YES*, schedule for maintenance.

Follow Up/Commentary: (If illicit discharge noted fully document from start to completion of illicit discharge elimination)

Add additional sheets if needed
