

**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

*Illicit discharge noted?*    YES      NO

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

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**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)

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Add additional sheets if needed

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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:

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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:**

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