

Part III.A.1 (b)

Town of Palm Beach MS4 NPDES Program Standard Operating Procedures Structural Control Inspection – Control Structures

Control structures (weirs, etc.) that are associated with other structural controls, such as wet and dry retention and detention areas, exfiltration trench, and swales, are inspected along with the structural control system of which they are a part.

Control structures that are associated with pipe networks and/or canals are inspected as stand-alone facilities. There are five (5) stand-alone control structures that are part of our MS4. They are located on the following map.

Inspections:

Stand-alone control structures are inspected once every three years, or more frequently if historic operations indicate that it's needed for a particular control structure. The attached inspection form is used for each inspection. Photo documentation will accompany the inspection form if necessary.

Maintenance:

There are several maintenance activities that may be associated with control structures. Because these structures are each unique, their maintenance needs are specific to each structure. The appropriate activity is chosen to correspond to the reported condition or required action. 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. Remove barnacles and/or other marine life and dispose of properly.
5. Repair/replace the mechanical parts, if applicable.

Repair/replace structure, if needed.

Documentation:

The documentation for the inspection and maintenance activities related to control structures is prepared by the City Inspector and provided to the MS4 NPDES Records Manager/Coordinator. These records are scanned and maintained in an electronic format.

Town of Palm Beach MS4 NPDES Program
Structural Control Inspection Form
Control Structure

Structure Location: _____

Inspector Name: _____

Date: _____

GENERAL:

Any indications of illicit discharge or illegal dumping? *YES NO*

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

Debris accumulation upstream or downstream of structure? *YES NO*

Sediment accumulation upstream or downstream of structure? *YES NO*

Headwall or riprap in need of repair/replacement? *YES NO*

If *YES*, report to supervisor to schedule for maintenance.
