



Stormwater

MS4 PERMIT; PART III. A. 1. *Structural Controls and Stormwater Collection Systems Operation*

Standard Operating Procedures
Structural Control Inspections
Major Stormwater Outfalls

These Standard Operating Procedures are for the Town of Lake Park's use in complying with the MS4 NPDES permit requirements of the inspection and maintenance of structural control inspections. The Town of Lake Park conducts inspections of all of the major stormwater outfalls (MSWO's) on an annual basis.

There are six MSWO's that are a part of the Town's MS4. There is one MSWO operated by others, but it does not serve a drainage area containing an industrial land use. A Major Stormwater Outfall (MSWO) is defined as: an outfall pipe larger than 36-inch inside diameter (or its equivalent), OR an outfall pipe larger than 12-inches inside diameter (or its equivalent) that serves a drainage area containing industrial land uses.

The MSWO's within the Town's MS4 are shown on Sheet 1 of 3 on the hardcopy map submitted as Exhibit 7, "Existing Drainage System", in the August, 1999, Engineering Investigation and Report, Comprehensive Storm Drainage Improvements Program report for the Town of Lake Park. Sheet 3 of 3 of Exhibit 7 identifies which drainage basins the outfalls serve, along with pipe type and diameter.

Inspections:

MSWO's are inspected annually. Inspections are conducted in accordance with the attached Structural Control Inspection Form.

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:

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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. Maintain earthen bank adjacent to the discharge pipe or headwall.
6. Maintain the headwall at the outfall, if applicable.
7. Repair/replace pipe if needed.

Documentation:

The MSWO inspections are recorded in the Lake Park Storm Water Division time sheet along with the attached Structural Control Inspection Form.



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Major Stormwater Outfalls – Structural Control Inspection

Facility ID: _____

Date: _____

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.
