

# Contech® StormGate® Operation and Maintenance Manual

## 1.1 GENERAL INFORMATION:

- A. Purpose of this document is to describe the O&M procedures for the StormGate stormwater bypass structure.
- B. The Purpose of the StormGate is to divert the water quality stormwater flow (aka, BMP flow) to a treatment facility, and to permit bypass of the treatment facility to the downstream conveyance system. The StormGate structure contains a broad crest-type bypass weir for flow control.

## 1.2 FACILITY OPERATION

- A. Operation Instructions for Normal Operation: The StormGate normal operation is similar to common stormwater junction manholes. No special operation instructions are required.

## 1.3 FACILITY INSPECTION

- A. Routine Inspections should follow the inspection schedule for the City/County jurisdiction's stormwater facility inspection schedule, or should occur at least once a year.
- B. Inspections should include the following:
  - Removal of the manhole cover;
  - Visual inspection and/or stick measurement of the sump area, if applicable, for sedimentation material;
  - Visual inspection of the StormGate weir and inlet and outlet pipes for clogging,
  - Note: Safety precautions shall follow local rules, such as traffic control.

## 1.4 FACILITY MAINTENANCE

- A. If sedimentation or clogging of the weir or pipes is witnessed during facility inspection, the sediment and clogging material should be removed as appropriate, and/or per owner (e.g. Vactor truck, hand removal, etc.). Note: Safety precautions shall follow local and/or OSHA rules, such as confined space entry rules.
- B. If structural damage is seen during inspection, the owner of the vault should be notified and may contact Contech Stormwater Solutions.



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