

MANUFACTURED TREATMENT DEVICE WORKSHEET



Applies to projects that propose the use of Manufactured Treatment Devices (MTDs)

1. All MTDs must be verified by the New Jersey Corporation for Advanced Technology (NJCAT) and certified by the New Jersey Department of Environmental Protection (NJDEP)

2. The NJDEP 50% Certified TSS Removal Rate approximates 80% TSS reduction for the Kalamazoo area (the required TSS removal rate).

3. All MTDs are based on treatment flow rates. The required MTD flow rate will be determined by the completion of the Uniform Stormwater Standard 1: Water Quality Treatment Volume Worksheet.

4. The MTD shall be designed to treat 100% of the flow without bypass at the calculated water quality treatment flow rate.

5. The storm pipe shall be designed at a 10-yr storm event.

6. The MTD shall have the capacity to handle the designed 10-year storm pipe flows without losing floatables or sediment.

7. MTD Selection Details

Result

Selected MTD Manufacturer(s)

Selected MTD Manufacturer Model(s)

Cummulative MTD Water Quality Treatment Flow Rate

Total BMP Treatment Flow Rate from Water Quality Treatment Volume Worksheet

Required Water Quality Treatment Volume from Water Quality Treatment

8. A signed Stormwater Best Management Practices Operations & Maintenance Agreement between the City and the Landowner or Designee is required (City Form provided).

PROJECT NAME:

PROJECT ADDRESS:

DATE: