



# Stormwater Treatment Unit Inspection Report

## Vertical Flow-Thru Treatment Unit (Filter Insert)

Inspections to be performed and reported annually.

Inspection Date: \_\_\_\_\_

Inspector's Name: \_\_\_\_\_

Title: \_\_\_\_\_

Company Performing Inspection ( if performed by off-site company): \_\_\_\_\_

### Treatment Unit Site Information

Business Name: \_\_\_\_\_

Site Address: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Title: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

Manufacturer & Model of Treatment Unit(s) Installed: \_\_\_\_\_

Number of Treatment Units Installed/Inspected: \_\_\_\_\_

### Observed Condition of Treatment Unit(s)

Leaves and/or other debris in sediment chamber and/or filter media

Leaves, debris and sediment in and around treatment unit is restricting stormwater flow into and through unit

#### Sediment

#### Filter Media

Less than 1 inch of sediment in sediment chamber

Filter media fairly clean, only requiring surface cleaning

Several Inches of sediment in sediment chamber

Filter media is dark and covered with a sediment layer

More than 5 Inches of sediment in sediment chamber

Filter media is completely plugged with sediment and/or debris

The unit must be maintained on a regular schedule to prevent saturation of the filter media by contaminants and blockage from sedimentation and debris buildup. Maintenance can be accomplished by removing cover, vacuuming debris and sediment from the sediment chamber with a wet/dry vacuum and replacing the filter media if necessary. A typical recommended change-out of the filter media would be every 4 to 6 months. Sedimentation maintenance may be needed more often depending on the location and season. A clean-out after heavy leaf fall is recommended.

### Maintenance/Repair Needed on Treatment Unit(s)

No repair or maintenance needed at this time

Sediment & debris need to be removed and filter media cleaned

Unit is **not** functioning properly and needs to be repaired

Sediment & debris need to be removed and filter media replaced

Item(s) needing repair: \_\_\_\_\_

### Maintenance/Repair Performed on Treatment Unit(s)

Sediment chamber has been cleaned

Necessary repairs have been made

Filter media has been cleaned

Necessary repairs have not been done

Filter media has been replaced

but are scheduled to be completed

### Comments:

\_\_\_\_\_

Mail this report to: Department of Public Services, 1415 N. Harrison Street, Kalamazoo, MI 49007  
Email this report to: ATTN: Environmental Programs Manager, [talandaj@kalamazoo-city.org](mailto:talandaj@kalamazoo-city.org) and  
Email to: [chemicalinventoryforms@kalamazoo-city.org](mailto:chemicalinventoryforms@kalamazoo-city.org)  
Fax to: ATTN: Environmental Programs Manager, 269-337-8535  
Contact: Environmental Programs Manager, 269-337-8583

Note: Please contact the manufacturer or supplier of your stormwater treatment unit for detailed instructions on maintenance of your particular unit.



# Stormwater Treatment Unit Inspection Report

## Horizontal Flow In-Line Treatment Unit

Inspections to be performed and reported annually.

Inspection Date: \_\_\_\_\_

Inspector's Name: \_\_\_\_\_

Title: \_\_\_\_\_

Company Performing Inspection ( if performed by off-site company): \_\_\_\_\_

### Treatment Unit Site Information

Business Name: \_\_\_\_\_

Site Address: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Title: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

Manufacturer & Model of Treatment Unit(s) Installed: \_\_\_\_\_

Number of Treatment Units Installed/Inspected: \_\_\_\_\_

### Observed Condition of Treatment Unit(s)

The depth of oil and sediment in the unit can be measured from the ground surface.

#### Sediment

Less than 1 inch of sediment on bottom

1 to 7 Inches of sediment on bottom

More than 7 Inches of sediment on bottom

#### Oil

No oil on water surface

Oily sheen on water surface

More than 1/8 inch of oil on water surface

Generally, annual maintenance is recommended but the required maintenance frequency will vary with the amount of pollution on your site (number of hydrocarbon spills, amount of sediment, etc.). It is recommended that the frequency of maintenance be increased or reduced based on local conditions. Maintenance should be performed immediately after an oil spill or once the sediment depth reaches the values specified in your unit manufacturer's maintenance specifications. Maintenance of these units is performed from the surface via vacuum truck. These units must be maintained to ensure long-term environmental protection through continual performance.

### Maintenance/Repair Needed on Treatment Unit(s)

No repair or maintenance needed at this time

Vacuuming of oils and/or sediment needed

Unit is **not** functioning properly and needs to be repaired

Item(s) needing repair: \_\_\_\_\_

### Maintenance/Repair Performed on Treatment Unit(s)

Oil and/or sediment has been vacuumed out of unit

Necessary repairs have been made

Necessary Repairs have not been done but are scheduled to be completed

### Comments:

\_\_\_\_\_

Mail this report to: Department of Public Services, 1415 N. Harrison Street, Kalamazoo, MI 49007

Email this report to: ATTN: Environmental Programs Manager, [talandaj@kalamazoo-city.org](mailto:talandaj@kalamazoo-city.org)

and Email to: [chemicalinventoryforms@kalamazoo-city.org](mailto:chemicalinventoryforms@kalamazoo-city.org)

Fax to: ATTN: Environmental Programs Manager, 269-337-8535

Contact: Environmental Programs Manager, 269-337-8583

Please contact the manufacturer or supplier of your stormwater treatment unit for detailed instructions on maintenance of your particular model.