

Field Checklist

for

Filterra® Units

Date of Certification Assessment: _____

Assessing and Certifying NCPE: _____ Seal:

SCM Facility Name: _____

Access Address: _____

PIN/s of Parcel/s Where the Facility is Sited: _____

CHECKLIST

All items in this checklist must be compliant.

If an item is not applicable, write "N/A" next to the item.

If the engineer believes the non-compliant item still meets its intended purpose and is therefore acceptable, he/she must include the following in the "Additional Comments" box at the end of this form:

- *A description of how the non-compliant item deviates from the standards and/or approved construction drawings, and*
- *An explanation of why this deviation is acceptable and how the deviation still meets the intended purpose behind the requirement.*

A. Drainage Area

- The drainage area to the facility is as per the design documents, or if there are deviations from the design drainage area, these deviations do not render the SCM undersized or result in insufficient on-site treatment to meet regulatory requirements.
- The drainage area to the facility is completely stabilized, and no excess sediment is discharging into the Filterra® unit.

B. Easements and Accessibility

- The SCM access way as constructed matches what is shown on the recorded final plat and is fully contained in the SCM Access and Maintenance Easement. The SCM Access and Maintenance Easement is clear of obstructions and traversable by anticipated maintenance equipment.
- Unobstructed maintenance vehicle access has been provided to the Filterra® unit and meets the following conditions per field observation and survey spot shot data:
 - It is a minimum of 10 feet wide,
 - It has a maximum centerline grade of fifteen percent (15%) and
 - It has a maximum cross-slope of ten percent (10%).

- Unless it has been surfaced with gravel, asphalt, concrete, etc., in accordance with approved construction drawings, 85% of the SCM Access and Maintenance Easement has achieved a healthy stand of grass.

C. Inlet

- The Filterra® Top Curb (TC) and Flowline (FL) elevations are higher than the bypass TC and FL elevations in accordance with the construction drawings.
- All accumulated sediment and other debris in the pre-treatment areas has been removed.
- Any flow splitters or bypass systems have been constructed in accordance with the approved construction drawings.

D. Filterra® Unit

- The size and location of the installed Filterra® unit is in accordance with the construction drawings.
- The required Filterra® media mix, including the mulch layer, has been installed in accordance with the construction drawings, and there is no sediment in the concrete container/planter.
- The invert of the installed Filterra® unit is in accordance with the construction drawings.
- The underdrain system with cleanout has been installed in accordance with the approved construction drawings.
- The Filterra® plant specified in the approved construction drawings has been installed and is thriving.
- The Filterra® unit has been activated by the manufacturer.
- The manufacturer has provided a Filterra® Media Quality Assurance Certificate.
- Grates and covers are installed and show no signs of damage.

E. Outlet

- The outlet structure has been installed in accordance with the construction drawings.
- Positive drainage of the Filterra® unit is provided by the effluent treatment pipe.

Additional Comments by Certifying Engineer: