

APPENDIX B-8

**Subsurface SWM Inspection Checklist**

(to take place during construction)

**Prior to installation of stone bed.**

\_\_\_\_\_ Perform recommended compaction testing on prepared subgrade. (Owners Geotechnical Co to submit documentation)

**Inspection should take place prior to backfilling system with crushed angular stone. TOWN INSPECTION #1**

- \_\_\_\_\_ Ensure chambers are installed level and plumb.
- \_\_\_\_\_ Check depth of stone bed complies with Construction Plans.
- \_\_\_\_\_ Check invert of chambers matches Construction Plans. (Owners Surveyor to Document)
- \_\_\_\_\_ Check inlet structure has 2 ft sump per manufacturer requirements.
- \_\_\_\_\_ Confirm presence of filter fabric between invert of stone bed and sub-grade.
- \_\_\_\_\_ Confirm presence of filter fabric wrapped around Isolator Row as indicated on Construction Plans.
- \_\_\_\_\_ Confirm sizes of header pipe and chamber inlet pipes match sizes indicated on Construction Plans.
- \_\_\_\_\_ Confirm locations of all inspection ports conform to Construction Plans.
- \_\_\_\_\_ Confirm row separation distances between chambers and around perimeter of chambers per manufacturer requirements.
- \_\_\_\_\_ Confirm installation of under drain if applicable.
- \_\_\_\_\_ Confirm inside of chambers are clear of any sediment build-up or other trash.
- \_\_\_\_\_ Locate corners of structures to verify installation per plan. (Owner’s Surveyor to Document)

**After Installation of Stone. TOWN INSPECTION #2**

- \_\_\_\_\_ Confirm entire stone bed is wrapped in filter fabric.
- \_\_\_\_\_ Confirm minimum stone cover over chamber of 6”
- \_\_\_\_\_ Confirm minimum distance between top of chamber and underside of future paving section is a minimum of 18”.

**After Completion of System.**

\_\_\_\_\_ Owner shall provide maintenance agreement to Town from the system supplier or approved agent to perform routine inspections and maintenance per manufacturer’s recommendations.

**Signature and Seal of Engineer:**

I \_\_\_\_\_, hereby state that the property located at \_\_\_\_\_ has been improved in accordance with the approved plan and is in accordance with all applicable Town standards as indicated above.

\_\_\_\_\_  
Name of Engineer

\_\_\_\_\_  
Date

Seal of Engineer: