

**NOTICE OF REQUIRED STORMWATER MANAGEMENT INSPECTIONS
INFILTRATION FACILITIES**

The following inspections are required to be performed by the Qualified Professional for the construction of any Infiltration Facility. Additional inspections may be needed based on professional engineering judgment. Each inspection is required at the start of each stage.

	Certifying Engineer	Date	County Inspector	Date
EXCAVATION OF FACILITY – Prior to excavation, verify sediment and erosion control features are in place to prevent sediment inflow. Verify all flagging required in the area for sensitive area protection. Verify grading is accurately staked-out and re-staked as needed. Facility dimensions shall be verified and soils checked for infiltration. Verify that water is not present. Ensure roughening of side walls if sheared and sealed by heavy equipment. For infiltration ponds, the initial excavation should be carried to not less than two (2) feet above the final elevation of the facility floor. Final excavation shall occur only when area draining to facility is permanently stabilized.				
PLACEMENT OF FILTER CLOTH (Trenches) – Ensure filter fabric is overlapped six(6) inches between strips of cloth. Ensure tree roots or other obstacles are removed from facility walls or sides and based to prevent tearing. Verify that uphill fabric roll overlaps two (2) feet over downhill roll.				
PLACEMENT OF FILTERING MEDIA – Verify bottom layer material and thickness. Verify stone aggregate layer material and thickness. Verify stone placement in 12 inch loose lifts. Verify top filter media layer.				
PLACEMENT OF UNDERDRAINS AND OBSERVATION WELLS – Location, size and material of under drain and observation wells shall be verified prior to stone placement.				
INSTALLATION OF FINAL COVER – Verify cover and capping of observation well. Verify permanent stabilization of basin floor.				
PRETREATMENT AREA – The slope of land draining to facility shall be verified. Verify length of grass filter strip. Verify aggregate type.				

The Qualified Professional may request the presence of a County Construction Standards Inspector at least 24 hours in advance by calling 240-313-2460.