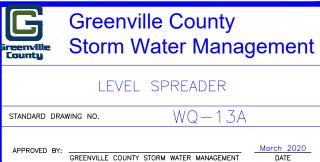


NOTES:

- THIS SCHEMATIC PRESENTS AN EXAMPLE OF A WATER QUALITY TREATMENT TRAIN UTILIZING A LEVEL SPREADER. IT IS NOT INTENDED TO BE USED FOR ENERGY DISSIPATION APPLICATIONS.
- LEVEL SPREADERS MAY BE USED IN OTHER APPLICATIONS THAT REQUIRE SITE SPECIFIC DESIGN.
- TREATMENT TRAIN UTILIZING LEVEL SPREADER AND OTHER BMPS MUST DEMONSTRATE COMPLIANCE WITH GREENVILLE COUNTY WATER QUALITY STANDARDS BY USING IDEAL.
- THIS LEVEL SPREADER GUIDANCE IS APPLICABLE FOR MAXIMUM DESIGN PEAK FLOW OF 10 CFS.
- FOR DESIGN FLOWS GREATER THAN 3 CFS, LENGTH OF LEVEL SPREADER LIP MUST BE A MINIMUM OF 10 LF PER CFS OF DESIGN FLOW.
- FOR DESIGN FLOWS LESS THAN OR EQUAL TO 3 CFS, LENGTH OF LEVEL SPREADER LIP MUST BE A MINIMUM 30 LF.
- ALL FLOWS IN EXCESS OF LEVEL SPREADER DESIGN FLOW MUST BE DIVERTED THROUGH STABLE BYPASS FLOW CONVEYANCE.
- FOREBAY SHOULD BE SIZED WITH MINIMUM AREA OF 0.5% OF THE IMPERVIOUS DRAINAGE AREA AND HAVE A DEPTH RANGE BETWEEN 1 AND 3 FEET.
- ENGINEER MUST FILL OUT BOXES ON THIS DETAIL WITH NECESSARY INFORMATION AND DIMENSIONS TO DESCRIBE TREATMENT TRAIN AND INCLUDE ON PLANS.
- CONSULT SPECIFICATION WQ-13 AND DETAIL WQ-13B FOR DESIGN REQUIREMENTS FOR LEVEL SPREADER SWALE, LIP, AND OTHER FEATURES OF LEVEL SPREADER.



NOT TO SCALE