AS-BUILT STORMWATER MANAGEMENT CHECKLIST
ESD PRACTICES (NON MD-378 ONLY)
(Please return this checklist with each re-submission)

Any major change or deviation from the original plan must be redesigned and revised plans and computations submitted to the Baltimore County Department of Environmental Protection & Sustainability (EPS), and Baltimore County Soil Conservation District (BCSCD) prior to the performance of the work.

LEGEND:
✓ ACCEPTABLE
X NOT ACCEPTABLE
R REQUIRED, NOT SUBMITTED
NA NOT APPLICABLE
INC INCOMPLETE
NC NOT CHECKED

I. SUBMISSION DOCUMENTS

1. Two (2) copies of As-built SWM plans.
2. Two (2) copies of As-built SWM report.
3. One (1) copy of ALL material supply tickets including:
   a. Pipes, watertight bands, etc.
   b. Concrete, porous concrete, etc.
   c. Gabions, riprap, etc.
   d. Filter media (planting soil, mulch, sand, #2 & #57 stone, pea gravel, etc.).
   e. Other man-made materials.
4. One (1) copy of compaction tests and any other pertinent Geotechnical data.
5. One (1) copy of daily inspection reports, if applicable (see below for a sample form)
   Note: Daily inspection reports must be complete and legible. Each sheet must be signed by the inspector, professional engineer and contractor representative.
6. SWM permit number.
7. Applicable EA number.
8. Photos showing the SWM facility during critical stages of construction.
9. Photos showing the complete view of the SWM facility verifying readiness for As-Built inspection.
II. PLAN REQUIREMENTS

A. Method & Certification
The following minimum information shall be shown in red on the approved stormwater management plans with “AS-BUILT” in the lower right corner of each sheet:

1. A check mark (√) shall be made beside planned values if they were the actual constructed values. For changed values, line out the planned value and enter the actual value (elevations to the nearest 0.1’ are sufficient).
2. As-built certification is signed and sealed by a Professional Engineer.
3. Tax account property number for Baltimore County in lower right of 1st As-Built plan sheet.

B. Plan View

1. As-built contours (at no greater an interval than 2’) are shown in red with legible lettering.
   Note: As-built contours should be based on field run topography.
2. As-built surface area noted, if applicable.
3. As-built location of outfall pipe, underdrains and cleanouts are shown legibly; if applicable.
4. As-built landscaping is shown and clearly labeled on the landscape plan view; if applicable.
   Note: Trees are NOT allowed in the bottom of any ESD practice or within 25’ of the outlet structure and underdrains.
5. Design and ESD practice summary tables have been updated to reflect as-built data.

C. Profile

1. Top of dam width and side slopes must be equal to or flatter than design.
2. As-built water surface elevations (WQv, ESDv and 10-yr WSEL).
3. Outlet structure – type, invert and size of openings.
4. Outfall pipe – type, size, length, invert and as-built Q’s and V’s.
5. Outfall protection – length, width and depth of riprap/gabions, filter cloth.

D. Cross Sections and Details
As-built data reflected on the following where applicable:

1. Typical section through ESD practice with filter media.
   Note: No filter cloth at bottom of ESD practice.
2. Observation well detail.
3. Diversion manhole detail.
4. Sign detail for permeable pavement/porous concrete (number of signs and location).

III. AS-BUILT STORMWATER MANAGEMENT REPORT
(Original approved stormwater management report should be redlined to reflect as-built data)

1. Elevation/storage chart(s) with as-built data.
2. As-built ESDv provided.
3. As-built Pe meets or exceeds design Pe.
4. Revised flow splitter / diversion manhole computations, if applicable.

IV. ADDITIONAL SUBMISSION DOCUMENTS

1. SWM data sheet with as-built data (1 for each facility) and summary SWM data sheet.
2. Existing and Proposed Drainage Area Maps must be included in the As-Built plan set. A
digital version of the drainage area maps must also be submitted (CAD or GIS) to the project
engineer as an electronic file (compressed .dwg, .dxf, .dgn, .shp or .gdb).

ADDITIONAL COMMENTS:

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Plans reviewed by: ____________________________ Date: __________

Updated 10/01/18