City of Salisbury
Department of Infrastructure & Development
125 N. Division St., #304 Salisbury, MD 21801
(410) 548-3170 www.salisbury.md

Last Revised March 2024

**PROJECT NUMBER:**

_____

# Checklist for SWM Concept Reviews

## PROJECT INFORMATION

Development Plan Name: _____

Site Designer: _____ Email: _____

***Check (✔) if information is provided in the plan submittal package or indicate N/A if item is not applicable. Provide notes of explanation where necessary. Plan submittals not completed per these instructions may be rejected.***

***Utilize the City's Utility Viewer GIS map to view City infrastructure, districts and related property data.***

## GENERAL INFORMATION

| (✔) | (N/A) | |
|---|---|---|
| ☐ | ☐ | 1) The plan set should be designed on Arch D (24" x 36") paper sheets. |
| ☐ | ☐ | 2) Plans must be signed and sealed by a registered professional engineer (registered in MD) |
| ☐ | ☐ | 3) Provide the outline of the entire lot or parcel to be subdivided/built upon |
| ☐ | ☐ | 4) Provide the outline of adjacent property owners and lot line locations |
| ☐ | ☐ | 5) Show, dimension and label the streets and roads adjacent to the lot or parcel |
| ☐ | ☐ | 6) Show significant topographical/environmental features within the lot or parcel |
| ☐ | ☐ | 7) Show proposed general street or road layout within the development (if applicable) |
| ☐ | ☐ | 8) Show the proposed general layout of lots and/or buildings |

## TITLE

| (✔) | (N/A) | |
|---|---|---|
| ☐ | ☐ | 9) The project name shall be descriptive and unique to the project. |
| ☐ | ☐ | 10) Include the name, address, phone, fax and email of the land owner/developer and consultant |
| ☐ | ☐ | 11) Provide a vicinity map, north arrow, datum, scale and submittal date |
| ☐ | ☐ | 12) Provide an index of sheets/pages |
| ☐ | ☐ | 13) List the area of proposed impervious surfaces – include net increase/decrease of impervious surface |

## EXISTING CONDITIONS & RESOURCES

| (✔) | (N/A) | |
|---|---|---|
| ☐ | ☐ | 14) Existing topography |
| ☐ | ☐ | 15) Location and area of existing impervious surfaces |
| ☐ | ☐ | 16) Show existing draining pattern and outfalls |
| ☐ | ☐ | 17) Location of existing utilities |
| ☐ | ☐ | 18) Location of all site resources: (Check all that are present) |

| Federal | State | Local |
|---|---|---|
| ☐ Wetlands Major<br>☐ waterways<br>☐ Floodplains | ☐ Tidal and non-tidal wetlands<br>☐ Wetlands of special state concern<br>☐ Wetland buffers<br>☐ Stream buffers<br>☐ Perennial streams<br>☐ Floodplains<br>☐ Forests<br>☐ Forest Buffers<br>☐ Critical Areas | ☐ Steep slopes<br>☐ Highly erodible soils<br>☐ Enhanced stream<br>☐ buffers Topography/<br>☐ slopes Springs<br>☐ Seeps<br>☐ Intermittent streams<br>☐ Vegetative Cover<br>☐ Soils<br>☐ Bedrock/geology Existing draining areas |

# Checklist for SWM Concept Reviews

| ( ✔ ) | (N/A) | PROPOSED CONDITIONS |
|---|---|---|
| ☐ | ☐ | 19) Show the proposed limits of clearing and grading |
| ☐ | ☐ | 20) Provide the area of the proposed Limit of Disturbance (LOD) |
| ☐ | ☐ | 21) Show the location of proposed impervious areas |
| ☐ | ☐ | 22) Area of proposed impervious surface – include net increase/decrease of impervious surface |
| ☐ | ☐ | 23) Show the location of proposed utilities |
| ☐ | ☐ | 24) Provide the preliminary locations of environmental site design (ESD) practices |
| ☐ | ☐ | 25) Show locations of proposed soil borings |
| ☐ | ☐ | 26) Complete the ESD summary chart (see page 3) and include it in the SWM report/narrative & SWM plans |

| ( ✔ ) | (N/A) | STORMWATER MANAGEMENT REPORT/NARRATIVE |
|---|---|---|
| ☐ | ☐ | 27) The SWM report/narrative will contain a brief overview, support the concept and describe how the design will achieve the following:<br>a. Natural resource protection and enhancement<br>b. Maintenance of natural flow patterns<br>c. Reduction of impervious areas through better site design, alternate surfaces, and nonstructural practices<br>d. Integration of erosion and sediment controls into the stormwater strategy<br>e. Implementation of ESD planning techniques and practices to the maximum extent practical (MEP) |
| ☐ | ☐ | 28) Show preliminary estimates of SWM requirements |
| ☐ | ☐ | 29) Indicate proposed drainage areas and existing drainage pattern and outfalls |
| ☐ | ☐ | 30) Provide storm drain hydrographs |
| ☐ | ☐ | 31) Show stable conveyance of storm water at potential outfall locations and downstream locations |
| ☐ | ☐ | 32) Determination of the project to be reviewed as a new development or redevelopment |
| ☐ | ☐ | 33) Document that field verification of the natural resource map has occurred by the project engineer |
| ☐ | ☐ | 34) Provide FIRMette for floodplain<br>a. Delineate site<br>b. Include panel number |
| ☐ | ☐ | 35) Provide soil report (WSS)<br>a. AOI should be the site/disturbed area/drainage area |
| ☐ | ☐ | 36) Quantity Control Required<br>a. Post-development 2-year not to exceed 2-year pre-development (open)<br>b. Post-development 10-year not to exceed 10-year pre-development (closed)<br>c. 50% of volume available in micro-scale practice can be used for detention |

## NOTES OF EXPLANATION

# ESD summary chart

| Drainage Area | Type of ESD Practice | Name of ESD Practice (Structure Name) | On-Site or Off-Site Structure | Runoff Curve Number (RCN), Weighted | Maryland Grid Coordinate (NAD 83 meters Northing | Maryland Grid Coordinate (NAD 83 meters Easting | ESD Practice Total Drainage Area (Acres) | ESD Practice Impervious Drainage Area (Acres) | Surface Area of ESD Practice (Acres) | Target PE (in) | Actual PE (in) | Target ESDv ($ft^3$) | Actual ESDv ($ft^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| Total / Average | | | | | | | | | | | | | |