



# Stormwater Management Final Plan Checklist

Project Name: \_\_\_\_\_

Tax Map \_\_\_\_\_ Parcel \_\_\_\_\_ Acreage \_\_\_\_\_ Plat \_\_\_\_\_ ADC Map & Grid \_\_\_\_\_

Owner's Name: \_\_\_\_\_

Contract Purchaser's Name: \_\_\_\_\_

|         |           |       |          |
|---------|-----------|-------|----------|
| Address | City/Town | State | Zip Code |
|---------|-----------|-------|----------|

Engineer/Surveyor: \_\_\_\_\_

For additional contact: \_\_\_\_\_

Name: \_\_\_\_\_

The following listed items are the minimum requirements for review and approval of Stormwater Management Plans by City of Aberdeen Department of Public Works. Plans not meeting these requirements will be deemed incomplete and returned to the engineer. Please complete and submit the checklist with the plan submittal.

### Legend

- √ Acceptable                      X Not Acceptable                      NA Not Applicable
- R Required Not Submitted                      INC Incomplete                      NR Not Reviewed

### Submission

- \_\_\_ 1. Stormwater Management Checklist
- \_\_\_ 2. Stormwater Management Engineering Plans (36"x24")

### Report

- \_\_\_ 1. All information provided in the Stormwater Management Site Development Report
- \_\_\_ 2. Table of contents with numbered pages
- \_\_\_ 3. Engineer's certification, signed and sealed
- \_\_\_ 4. Table showing ESD and unified sizing criteria
- \_\_\_ 5. Construction cost estimate
- \_\_\_ 6. Hydrology and hydraulic analysis of the stormwater management system for all devices

- \_\_\_ 7. Final sizing calculations for stormwater controls including drainage area, storage, and discharge points
- \_\_\_ 8. Final analysis of stable conveyance to downstream discharge points
- \_\_\_ 9. Geotechnical investigations including soil maps, borings, site specific recommendations, and any additional information necessary for the final stormwater management design
- \_\_\_ 10. Elevation, discharge, and stage/storage tables
- \_\_\_ 11. Routing of necessary storms
- \_\_\_ 12. Outlet protection computations
- \_\_\_ 13. Anti-flotation computations
- \_\_\_ 14. Stability and seepage computations for weir structure
- \_\_\_ 15. Anti-seep collar/filter diaphragm computations
- \_\_\_ 16. Dam breach analysis
- \_\_\_ 17. Dam safety routing
- \_\_\_ 18. MD-14 Pond Summary Sheet

#### **Plan Requirements**

- \_\_\_ 1. All information provided on the Stormwater Management Site Development Plan
- \_\_\_ 2. Final site layout showing any proposed improvements including location of buildings and other structures, impervious surfaces, storm drainage facilities, and all grading
- \_\_\_ 3. Location of existing and proposed structures and utilities
- \_\_\_ 4. Any easements and right-of-ways
- \_\_\_ 5. Structural and construction details including representative cross sections for all components of the proposed drainage system or systems, and stormwater management facilities
- \_\_\_ 6. Construction specifications
- \_\_\_ 7. Final Environmental Site Design (ESD) overlay plan detailing location and type of ESD practice to be included with Final Sediment and Erosion Control Plans for use by the Soil Conservation District
- \_\_\_ 8. Sequence of construction
- \_\_\_ 9. Signed & Sealed
- \_\_\_ 10. Professional Certification
- \_\_\_ 11. Owner/Developer certification
- \_\_\_ 12. As- built certification signature block

- \_\_\_ 13. Engineer's certification
- \_\_\_ 14. All soil boring logs and locations
- \_\_\_ 15. Inspection schedule for each different device
- \_\_\_ 16. Maintenance schedule for each different device
- \_\_\_ 17. Data for total site area, disturbed area, total impervious area, new impervious area by watershed
- \_\_\_ 18. Table showing the ESD and unified sizing criteria volumes
- \_\_\_ 19. Landscape plan and details
- \_\_\_ 20. Listing of materials to be used for stormwater management facility planting
- \_\_\_ 21. Necessary profiles of all devices
- \_\_\_ 22. Plan set includes title sheet, drainage area maps, plans and profiles, landscape plan, details and notes, table for ponds showing drainage area, structure classification, level of management, storage volume at top of dam, storage volume at emergency spillway crest, height of embankment, top width of embankment, storage-height product, inflows and outflows of 10 and 100-years storms and freeboard