

## As-Built Stormwater Management Plan Checklist

Project Name:					
Тах Мар	Parcel		Acreage	Plat	
Owner's Name:					
Contract Purchaser's	Name:				
Address			City/Town	State	Zip Code
Engineer/Surveyor:_					
For additional contact	t:				
Name:					
Any proposed major revised plans submitt work.	-		•		_
<b>Legend</b> Acceptable		<u> </u>	Not Acceptable	_NA	Not Applicable
R Required Not S	ubmitted	INC	Incomplete	NR	Not Reviewed
	ed Stormwater Ma		t paper plan set signe gineer and scanned		
2. One (1) paper file in PDF for		tech repo	orts and one (1) comp	paction report a	ind scanned
	d and sealed Stormuction) and scanned		nagement computat DF format.	ions (if comput	ations changed
	ed, signed and seal changed due to co		water Management on	computations in	n PDF format if
	information shall be the sheet	oe shown	in <mark>red</mark> on the print co	opy with " <mark>As-B</mark> u	u <mark>ilt</mark> " in the
	•	•	planned values if the hrough the planned	•	
3. Elevations to	the nearest 0.1' are	sufficient	t .		

4.	Proper relation between the elevations of the principal spillway crest, the emergency/token spillway crest, and the top of the dam should meet SCS MD-378 criteria.
Minim	m Information Required
	A signed certification statement and seal by a Professional Engineer
2.	A signed certification statement and seal by a Professional Geotechnical Engineer
3.	Plan view
	a. Show the length, width, and depth, or contours of the pool area in Red so As-Built volume can be verified
	<ul> <li>Trees, shrubs, other woody vegetation (show in Green) are not allowed within 15 feet of any portion of the embankment</li> </ul>
	A minimum of three (3) NAD 83m x,y coordinates
4.	Profile along Centerline of Dam
	<ul> <li>Profile the top of Dam – elevation at stations (the top of fill elevation plus the allowance for settlement)</li> <li>Approximate original ground line</li> </ul>
	Top of impervious core embankment (10 Year DHW minimum, Unified Soil Classification GC, SC, CH, or CL) compaction meets SCS-MD378 specifications
	d. Approximate bottom of cut off trench (4 feet minimum or deeper if required, Unified Soil Classifications GC, SC, CH, or CL) compaction meets SCS-MD378 specifications
	<ul> <li>Principal spillway location (station and elevation)</li> <li>Emergency or token spillway – location, bottom, width and side slopes (in undisturbed earth only)</li> </ul>
5.	Profile – Principal Spillway
	a. Top of dam width and side slopes must be equal to or flatter than design
	o. Emergency or token spillway crest elevation
	. Top of impervious core embankment (10 year DHW minimum)
	d. Cut-off trench bottom width, slopes, depth
	e. High water elevations (As-Built) WQ <sub>V</sub> , CP <sub>V</sub> , 2- 10- and 100- year storms
	Riser (reinforce concrete or metal) size, type, riser crest elevation, corrugation size, gauge
	g. Low stage orifice size, material, invert elevation
	n. Low flow state trash rack size, material, dimensions
	. Low flow stage drain pipe size, type, length, invert elevation, corrugation size, gauge
	. Barrel (Reinforce concrete or metal) size, corrugation size, gauge, invert elevations, length, concrete pipe classification.
	c. Concrete bedding
	. Phreatic Line (from 10 year DHW minimum)
	n. Sand Diaphragm or Anti-seep collars size, spacing, material
	n. Outfall type, material, size, dimensions, filter cloth

6. Profile – Emergency or Token Spillway
a. Twenty-five (25) feet minimum level section and elevation
b. Slope protection – type, material, size, dimensions, filter cloth
<ul> <li>Slope of exit section – may be 1-2% steeper, but no flatter than the design and no narrower that the design</li> </ul>
7. Section – Emergency or Token Spillway (may be shown on Dam profiles)
a. Width of level section
b. Dimensions, side slopes, material size
8. Sand Diaphragm and Anti-Seep Collars
a. Type, material, dimensions
b. Detail and Construction Specifications
9. Anti-Vortex and Trash Rack Devise
<ul> <li>Size, type, material and its elevations in relation to the principal spillway riser crest, corrugation size, gauge, dimensions</li> </ul>
b. Detailed construction specifications
c. Details
10. Infiltration and sand filter BMPs
a. Type, dimensions, filter material, filter cloth, pipe, detail
11. Elevation/Storage Chart with design elevations and volumes with As-Built elevations and volumes for comparison
12. Notice of Completion Form filled out, signed and sealed by Engineer
13. Submit photos showing the complete view of the facility verifying readiness for As-Built Inspection
14. Landscaping for ESD practices
15. ESD Practices
a. Location of proposed practices

b. Structural details including representative cross sections for all components of the proposed drainage system or systems. And stormwater management facilities