Watershed Management Preliminary Checklist

(All applicable items, depending on development size and site conditions, must be submitted in order for a review to be completed)

	Development Size & Site Condition:				
	Less than One Acre	Over One Acre	Over One Acre; AND with Stream or Swale requiring Minimum Flood Corridor	Over One Acre; AND with Floodplain	Over One Acre; AND Impacts to Floodplain (e.g., revising, grading)
▪ Grading & Drainage Plan:					
✓ Existing & proposed contours	☐	☐	☐	☐	☐
✓ All drainage sub-areas and runoff characteristics for existing and proposed conditions (including offsite contributing drainage areas)	☐	☐	☐	☐	☐
✓ All drainage discharge points from development (with pre/post peak flows)	☐	☐	☐	☐	☐
✓ Storm drain locations and sizes (existing & proposed)	☐	☐	☐	☐	☐
✓ Minor & Major Storm Conveyance Analysis Table (aka "prelimnary pipe sizing table")	☐	☐	☐	☐	☐
✓ Major Storm (100-year) flooding extents adjacent to building areas (and dedicated overland flow path where applicable)	☐	☐	☐	☐	☐
✓ Detention pond and outlet structure details	☐	☐	☐	☐	☐
✓ Water quality BMPs	n/a	☐	☐	☐	☐
✓ Minimum Flood Corridor Easement boundary (shown centered on channel)	n/a	n/a	☐	☐	☐
✓ Existing floodplain extents, cross sections & elevations (including floodway or floodprone where applicable)	n/a	n/a	n/a	☐	☐
✓ Proposed floodplain extents, cross sections & elevations (including floodway or floodprone where applicable)	n/a	n/a	n/a	n/a	☐
▪ Drainage Report (digital & hardcopy):					
✓ Narrative describing pre and post development hydrology and hydraulics	☐	☐	☐	☐	☐
✓ No increase in post-development flows for 2, 10, and 100-year	☐	☐	☐	☐	☐
✓ Detention model output (e.g. HydroCAD output)	☐	☐	☐	☐	☐
✓ Floodplain model output tables, profile & cross sections	n/a	n/a	n/a	n/a	☐
✓ Digital Hydraulic Models (i.e. HEC-RAS)	n/a	n/a	n/a	n/a	☐
▪ Water Quality:					
✓ WQCV form	n/a	☐	☐	☐	☐
✓ Treated volume calculations	n/a	☐	☐	☐	☐
✓ Maintenance plan	n/a	☐	☐	☐	☐
▪ Other, as Applicable:					
✓ Wetland Report and Wetland Impacts					
✓ Permits (Floodplain, 404, 408, etc)					
✓ Salt Creek Storage Areas and cut/fill locations and calculations					
✓ Easement boundaries and descriptions (Conservation Easement, Minimum Flood Corridor Easement, Storm Drain, Flowage, etc)					
✓ Outlot boundaries and descriptions (e.g., drainage, detention, open space, future development, etc)					
✓ Flow direction arrows (usually for areas less than 2% grade, and areas of 2 acres or more draining through, or adjacent to, residentail lots)					
✓ Waiver Request for items not meeting design standards					
✓ Minimum Opening Elevation Tables (usually set at least 1 FT above adjacent stream, swale, detention pond or other local Major Storm Event flood elevation)					
✓ Lowest Floor Elevation Tables (usually set at least 1 FT above adjacent BFE)					

DEVELOPMENT:_____

PLANNING #:_____

CONSULTANT:_____

REVIEWER:_____

DATE RECEIVED:_____

DATE REVIEWED:_____

Last Updated: 9/20/2018