WMO PERMITTING FLOWCHART
DETENTION+ REQUIREMENTS

START

IS THE PARCEL TRIBUTARY TO AN EXISTING DETENTION FACILITY?

NO

CHOOSE TYPE OF DEVELOPMENT

RESIDENTIAL SUBDIVISION

MULTI-FAMILY OR NON-RESIDENTIAL

IS PARCEL ≥ 5 ACRES?

IS PARCEL ≥ 3 ACRES?

NO

YES

Determine Required Detention and Volume Control Per WMO

DETERMINATION REQUIREMENTS DO NOT APPLY

YES

IS PARCEL ≥ 3 ACRES?

NO

NO

IS PARCEL ≥ 5 ACRES?

YES

DETERMINATION REQUIREMENTS DO NOT APPLY

NO

YES

DETERMINE REQUIRED VOLUME CONTROL PER WMO

Verify Requirements for Flood Protection Areas, District Impacts, and Qualified Sewer Construction Do Not Apply

NO

YES

DETERMINE REQUIRED VOLUME USING MODIFIED RATIONAL METHOD AND BULLETIN 70 RAINFALL

MAKE DRAINAGE MODIFICATIONS TO PROVIDE 100-YEAR CONVEYANCE

IS THE PROPOSED IMPERVIOUS AREA EXCEED THE EXISTING IMPERVIOUS AREA?

YES

NO

NO ADDITIONAL STORAGE VOLUME REQUIRED

DETERMINE PREDEVELOPMENT REQUIRED DETENTION VOLUME PER SPO

NO

YES

Determine Required Storage Volume Provide The SPO Required Volume?

NO

ADDITIONAL STORAGE VOLUME REQUIRED

YES

PROVIDE REQUIRED VOLUME CONTROL

NO

YES

PROVIDE DOCUMENTATION THAT DESIGN OF THE EXISTING FACILITY IS SUITABLE FOR PREDEVELOPMENT CONDITION

NO

YES

DETERMINE REQUIRED DETENTION AND VOLUME CONTROL PER WMO

NO

YES

PROVIDE REQUIRED VOLUME CONTROL

NO

YES

DETERMINE REQUIRED VOLUME USING MODIFIED RATIONAL METHOD AND BULLETIN 70 RAINFALL

IS THE ADDITIONAL STORAGE VOLUME REQUIRED ≤ 0.10 AC-FT OR ≤ 2% OF EXISTING STORAGE?

YES

NO

NO ADDITIONAL STORAGE VOLUME REQUIRED

DOES THE VERIFIED STORAGE VOLUME PROVIDE THE SPO REQUIRED VOLUME?

NO

YES

IS THE PARCEL TRIBUTARY TO AN EXISTING DETENTION FACILITY?

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NO

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* Detention required for all development once aggregate area reaches 0.50 acre. See Article 5, Table 2.