

# CITY OF HOT SPRINGS

## STORMWATER MANAGEMENT PLAN (SWMP)

### Requirements and Checklist

The following are the requirements for submittal of the Stormwater Management Plan (SWMP) required by CHS to be used in the Stormwater Permit submittal package. **The SWMP must be completed and stamped by a licensed professional with sufficient experience and training in runoff drainage calculations and erosion control.** Contact the CHS Stormwater Division (Administration Authority) for more information.

The SWMP must contain in order the following information:

- \_\_\_ **Prepared FOR, BY, and DATE**
- \_\_\_ **Project name**
- \_\_\_ **Project type** (commercial, subdivision, etc.)
- \_\_\_ **Project location**
- \_\_\_ **Project description**
- \_\_\_ **Name, addresses, and telephone numbers** of the owner, developers, engineer, general and subcontractors
- \_\_\_ **Phasing of construction** with estimated start date, time frames and schedules for each construction phase, and estimated completion date
- \_\_\_ **Existing conditions site plan** indicating existing elevations, property lines and lot dimensions, existing grades showing drainage on and adjacent to the lot, and locations of areas not to be disturbed
- \_\_\_ **Proposed conditions site plan** indicating proposed elevations, property lines and lot dimensions, location and areas of all proposed impervious surfaces including public and private roads, interior roads, driveways, parking lots, pedestrian ways, and roof tops. Indicate all types of paving and surfacing materials
- \_\_\_ **Total impervious area** after construction
- \_\_\_ **Hydrologic calculations** for existing conditions and proposed conditions for volume runoff, velocities, and peak flow rates for a 2.0-yr, 10-yr, and 100-yr 24-hr storm event
- \_\_\_ **Design and construction method** to stabilize steep slopes
- \_\_\_ **Location of temporary sedimentation basin** if more than 10 acres are disturbed to a single point of discharge from the project site
- \_\_\_ **Location and engineered designs** for permanent structural stormwater water treatment devices and required project detention/retention
- \_\_\_ **Stamped and signed** by licensed professional

#### NOTE:

Any site over one (1) acre disturbed or any commercial site regardless of size will require the following in addition to the Stormwater Management Plan:

- Stormwater Pollution Prevention Plan (prepared by a licensed professional engineer)
- Detention/Retention Plan (prepared by a licensed professional engineer)
- Stormwater Quality and Maintenance Plan
- **Each Plan should be submitted as a separate plan and titled appropriately**

See the CHS Stormwater Management Manual for information regarding these plans.