

## SITE DEVELOPMENT / EROSION CONTROL PLAN

### SITE DESCRIPTION:

(1) The construction site address or description:

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(2) Construction activities include:

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(3) The total area of the site is \_\_\_\_\_.

(4) The receiving stream for site runoff is \_\_\_\_\_. The ultimate receiving stream is the Illinois or White River. No wetlands or critical wildlife habitat exist on the site.

### RUNOFF CONTROLS:

Following is a listing of phases of construction and runoff controls to be implemented in conjunction with each:

- a) Clearing and grading of the site, utility installation and site preparation - Silt fences or other appropriate filters will be erected across natural drainage paths downstream of activities. Sediment traps will be constructed at points of concentrated flow using straw bales or other appropriate filters.
- b) Building Construction - Silt fences and straw bale filters already in place will be maintained.

### EROSION AND SEDIMENT CONTROLS:

#### STABILIZATION PRACTICES;

Stabilization practices are to include:

- a) Preservation of existing vegetation, including grasses and trees to the extent possible
- b) Seeding and mulching or placement of sod on bare soil areas
- c) The number of site access points will be limited to minimize tracking of soil onto city streets. Rock at site entrance as needed.

Stabilization measures will be initiated as soon as practicable in areas where construction activities have temporarily or permanently ceased.

#### STRUCTURAL PRACTICES;

Structural practices are to include:

- a) Installation of silt fences or other appropriate filters across natural or manmade drainage ways where runoff water from disturbed areas collects before leaving the site.
- b) Diversion of runoff away from disturbed areas
- c) Placement of rip rap in erosion-prone areas
- d) Sediment traps

### STORM WATER MANAGEMENT:

The following will control pollutants from storm water discharges that occur after completion of construction:

- a) Vegetation of graded areas

- b) Riprap with geotextile in channels with high flow velocities
- c) Solid sod in channels with moderate to low flow velocities.
- d) Permanent cross slope diversion of sheet flow in steep areas (collected in vegetated swales and discharged to lined channels or street gutters)

**OTHER CONTROLS:**

No solid waste materials will be discharged to waters of the United States or allowed to leave site. Off-site vehicle tracking of sediment and the generation of dust will be minimized. Compliance with all State or local waste disposal, sanitary sewer or septic system regulations will be maintained. Each site will need to provide an on-site washout pit for use by concrete delivery trucks. Washout pit contents will need to be buried on-site or hauled to an appropriate disposal site prior to final inspection. Builders holding multiple building permits may have one combined washout pit for multiple sites.

**INSPECTIONS:**

The Builder or his designated representative will inspect potential erosion areas periodically until all areas have been permanently stabilized. Representatives of the City of Springdale will make inspections as needed to insure compliance with this this Plan.

**MAINTENANCE:**

Any erosion control maintenance problems identified during an inspection must be corrected. Site inspections may identify deficiencies in the approved Erosion Control Plan. Deficiencies in the plan must be remedied.

**CERTIFICATION:**

I certify that I understand the terms and conditions of this Plan and Chapter 107 – Stormwater Pollution of the Springdale, Arkansas Code of Ordinances.

Signature: \_\_\_\_\_

Building Permit Holder: \_\_\_\_\_

Authorized Representative: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone No.: \_\_\_\_\_