



Public Works Department

433 N. Virginia Street
Prescott AZ 86301
928-777-1130

MEMO

Date: November 14, 2013
To: Prescott Area Contractors
From: Scott Tkach, P.E., City Engineer
Re: City of Prescott Erosion and Sediment Control Requirements

The City of Prescott operates a Stormwater Management Program (SWMP) as part of the Arizona Pollutant Discharge Elimination System (AzPDES) General Permit for a Small Municipal Separate Storm Sewer System (MS4), which is administered by the Arizona Department of Environmental Quality (ADEQ) (A.A.C. R18-9-A9). The intent of the SWMP is to address nonpoint source pollution from urban areas that negatively impacts water quality in local creeks and lakes. The SWMP encompasses public education and involvement, illicit discharge detection and elimination, construction site stormwater controls, post construction stormwater management for new development and pollution prevention for municipal operations.

In 2012, the City's SWMP was audited by ADEQ. In response to deficiencies noted in the audit, the City has instituted changes that may affect projects that include *soil disturbing activities* within Prescott City limits. These changes include a required Erosion and Sediment Control (ESC) Site Plan, Erosion and Sediment Control inspection "trigger" and ESC checklist as part of the Pre-Construction Meeting. Erosion and sediment controls have been required since 2008 pursuant to the City of Prescott Construction Site Erosion and Sediment Control Code (Chapter 16-4) and state and federal surface water regulations.

For Single Family Residential (SFR) construction sites, an Erosion and Sediment Control Site Plan is required as part of your Grading and Building permits. The plan should illustrate what measures will be taken to prevent erosion and sediment from leaving the site. Details should include: the direction of flow across a site; the disturbed area envelope; perimeter controls at the downhill side of disturbed areas or the lot; storm drain inlet protection; stockpile management BMPs; and sediment track-out prevention/construction entrances and exits. Other BMPs may be necessary to prevent erosion of slopes, control run on to the site, protect natural drainages and for dust suppression. Please see the attached *Sample Single Family Site Erosion Control Detail*.

The City requires a stabilized construction entrance/exit (a.k.a. track out pads) for SFR. The typical pad is a minimum of 20 feet in length, 15 feet in width and flared at the roadway edge. The track out pad must consist of 2-3" coarse gravel at a depth of 4 inches on top of geotextile (filter) fabric. Because each site is different and the typical track out pad may not be feasible in every case, you must outline a plan to prevent and clean up sediment track out if it occurs in the ESC Site Plan. Approval of your proposed alternatives will be at the Public Works Inspectors' discretion at the time of the ESC inspection.

For construction sites one acre or greater in size, or SFR construction less than one acre in size but part of a "common plan of development" (i.e. a contiguous area where multiple lots will be constructed at different times, on different schedules, but under one plan), you must apply for coverage under the AzPDES 2013 Construction General Permit (CGP) for Stormwater Discharges and develop a Stormwater Pollution Prevention Plan (SWPPP). As a condition of City permitting, you must submit a copy of your Notice of Intent (NOI) and SWPPP for review. An ESC Plan is still required for individual lots as part of building permit site plans, even with a SWPPP. You can apply for coverage using ADEQ's Smart NOI system online: <https://az.gov/app/smartnoi>.

The City of Prescott requires that effective BMPs be installed and maintained; identifying which BMPs will be effective on your project site is your responsibility. Please refer to the Arizona Department of Transportation Erosion and Pollution Control Manual (2012) and the Maricopa County Drainage Design Manual, Erosion Control (2013) for BMP installation and maintenance details. Also note that the suite of BMPs may change as a project progresses.

The City of Prescott will enforce violations of ESC requirements. If problems with ESCs are noted during a Building inspection, additional ESC inspections will be scheduled by the Building Department and further inspections will be on hold until the problems are corrected. Additionally, Notices of Violation and Stop Work Orders will be issued.

We appreciate your cooperation in complying with local, state and federal regulations. We look forward to working with you on current and future projects to implement these requirements.

Please direct any questions or comments to Amanda Richardson, Environmental Coordinator, at 928-777-1651 or email to: Amanda.Richardson@prescott-az.gov.

Cc: Mark Nietupski, Public Works Director
Amanda Richardson, Environmental Coordinator
File

Attachments: Sample Single Family Site Erosion Control Detail