

# Town of Fountain Hills

## Erosion and Sediment Control Plan

Inspection and Review Checklist

### Checklist 2017



COMPANY INFORMATION	
Company/Contractor name:	
Project NAME:	
Project ADDRESS:	
Contact TELEPHONE#:	
Contact NAME:	
Fountain Hills Munis #:	

### Description:

For all construction activity within the Town of Fountain Hills an Erosion and Sediment Control Plan (ESCP) will be required to be submitted prior to issuing a Building Permit. The checklist, as identified below will fulfill the Town's minimum requirements for an ESCP. If it is Deemed that an NOI and SWPPP are required in accordance with Arizona Department of Environmental Quality (ADEQ) requirements refer to ADEQ's website for further details (<http://www.azdeq.gov/node/524>). As noted on the ADEQ website, a SWPPP is required to be completed prior to submitting an NOI, but an ADEQ review process is only necessary IF: ***"Any of your project outfall(s) are within 1/4 mile of impaired, not-attaining, Outstanding Arizona Waters."***

**Erosion and Sediment Control Plan (ESCP)-** Site Plan or Map identifying erosion and sediment control measures, stormwater best management practices, and site conditions and activities that may prevent and/or minimize the discharge of pollutants. A site plan or map is a required component of the site specific Stormwater Pollution Prevention Plan (SWPPP), as outlined by Arizona Pollution Discharge Elimination System (AZPDES) General Permit for Discharge for Construction Activities, administered by the ADEQ. See Checklist for ESCP Site Plan Requirements.

**Stormwater Pollution Prevention Plan (SWPPP)-** A written plan that meets the requirements of the AZPDES General Permit for Discharge from Construction Activities, administered by the ADEQ. The SWPPP is a site specific plan that includes, but is not limited to; the identification and description of potential sources of pollution which may reasonably be expected to affect the quality of stormwater discharges from the construction activity. Detailing the stormwater best management practices that will be implemented and maintained to prevent and/or reduce discharges of pollutants, erosion and sediment control measures, stabilization practices, structural practices, housekeeping, site description, activity schedule, maintenance procedures, post construction management, inspections (frequency, scope, and compliance evaluation reporting), and recordkeeping.

CHECKLIST	
<input type="checkbox"/>	ESCP sheets must be 24"x36" Sheets. ESCP sheets are a supplement to the project plans.
<input type="checkbox"/>	First Sheet of the ESCP shall be the overall Project Site Plan. Site Plan shall contain: <ol style="list-style-type: none"> <li>1.0 Project Title in the Border</li> <li>2.0 Civil or Landscape Architect Seal in Border</li> <li>3.0 Civil or Landscape Architect Company name</li> <li>4.0 Date</li> <li>5.0 Show Entire Limits of Work/Area of Disturbance</li> <li>6.0 Adjacent Street Names</li> <li>7.0 North Arrow and Scale</li> </ol>

	<p>8.0 Legend</p> <p>9.0 Construction notes identifying the BMPs used for erosion, sediment and stormwater pollution control.</p> <p>10.0 Property Lines</p> <p>11.0 Identify any easements located on the property</p> <p>12.0 Include all existing washes, swales or drainage structures located within a quarter mile of the project site.</p> <p>13.0 Show the location of solid waste, hazardous waste, contaminated soil waste, concrete waste and liquid waste control site.</p> <p>14.0 Show the location of any off-site material, waste, borrow or equipment storage.</p> <p>15.0 General Notes as provided below:</p>
<input type="checkbox"/>	<p>Erosion and Sediment Control Plan General Notes:</p> <p>1.0 If deemed required per ADEQ requirements, a Notice of Intent (NOI) for coverage under the Construction Activity General Permit (CGP) shall be submitted to ADEQ prior to commencing land development or grading activities.</p> <p>2.0 Contractor/Owner shall notify the Town Inspector 24 hours prior to commencing any land development or grading activities.</p> <p>3.0 A copy of the approved Grading and Drainage site plan, NOI approval number and permit, the ESCP and the SWPPP shall be maintained on site and available for review by the Town Inspector, Representative or ADEQ.</p> <p>4.0 When a NOI is required: The Contractor shall prepare a Storm Water Pollution Prevention Plan (a written policies and procedures manual in accordance with ADEQ) in conjunction with the ESCP for the project. To be accessed on-site at the request of ADEQ.</p> <p>5.0 Contractor/Owner shall post a sign or other notice near the main entrance of the construction site with the AZPDES authorization number for the project, a copy of the NOI, description of the type of project and the name and contact information.</p> <p>6.0 Contractor/Owner shall at minimum perform a visual inspection of the construction site once every fourteen (14) days. Also within 24 hours of a rainfall event greater than or equal to half an inch. Contractor/Owner shall prepare an inspection log documenting findings. Operator's report shall be made available onsite at the Town's or ADEQ's request. Erosion control facilities shall be maintained or repaired as necessary to ensure functionality throughout the duration of the completion of the project.</p> <p>7.0 Contractor/Owner shall maintain compliance with all requirements outlined in the Arizona Pollutant Discharge Elimination System (AZPDES) Construction General Permit administered by ADEQ.</p> <p>8.0 Facilities shown on this ESCP must be constructed in conjunction with all clearing and grading activities in such a manner as to ensure that sediment laden water and construction contamination does not enter the drainage system/washes or violate ADEQ SWPP requirements. BMPs must be installed and in operation prior to any grading or clearing and grubbing is performed.</p> <p>9.0 Contractor/Owner shall submit a Notice of Termination (NOT) following completion of construction and permanent stabilization as outlined in the AZPDES Construction General Permit administered by ADEQ.</p> <p>10.0 Contractor/Owner shall obtain a Dust Control Permit from Maricopa County Air Quality Department for all dust generating activities that disturb a 0.10 acre or greater and implement all applicable control measures as outlined in Maricopa County Air Pollution Control Rule 310.</p> <p>11.0 The Contractor that will be obtaining the Grading and Drainage permit must have the NOI permit issued in their name prior to the Town issuing a Grading Permit.</p>
<input type="checkbox"/>	<p>Second and subsequent sheets of the ESCP shall provide all BMP details used for the project and identified on Sheet 1.</p>
<input type="checkbox"/>	<p>Work shall be performed in accordance with this plan and the Current Edition of Maricopa County Drainage Design Manual for Maricopa County Volume III Erosion Control,</p>
<input type="checkbox"/>	<p>Maricopa County Erosion BMP details (<a href="http://www.fcd.maricopa.gov/DocumentCenter/Index/240">http://www.fcd.maricopa.gov/DocumentCenter/Index/240</a>) and Arizona Department of Transportation Best Management Practices details have been accepted by the Town and can be utilized on the project where applicable.</p>

## **Procedure the Town of Fountain Hill Uses to Determine whether an NOI is Required for Construction:**

### **Description:**

Most of the Construction Sites within the Town, are less than an acre, however they are “part of a larger common plan of development or sale that will ultimately disturb 1 acre or more.” Use the following process to determine if the development is part of a larger common plan of development or sale and if the remaining undeveloped parcels/lots will disturb 1 acre or more.

Step 1: Use Field Map and Maricopa County Assessor’s Records Maps to obtain the Plat Map for the property. Determine if the parcel/lot was Platted as a part of a bigger development/subdivision. If not, AND if the area of disturbance is less than 1 acre, no NOI is required.

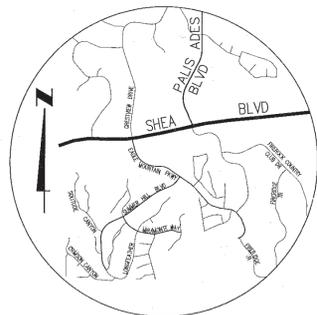
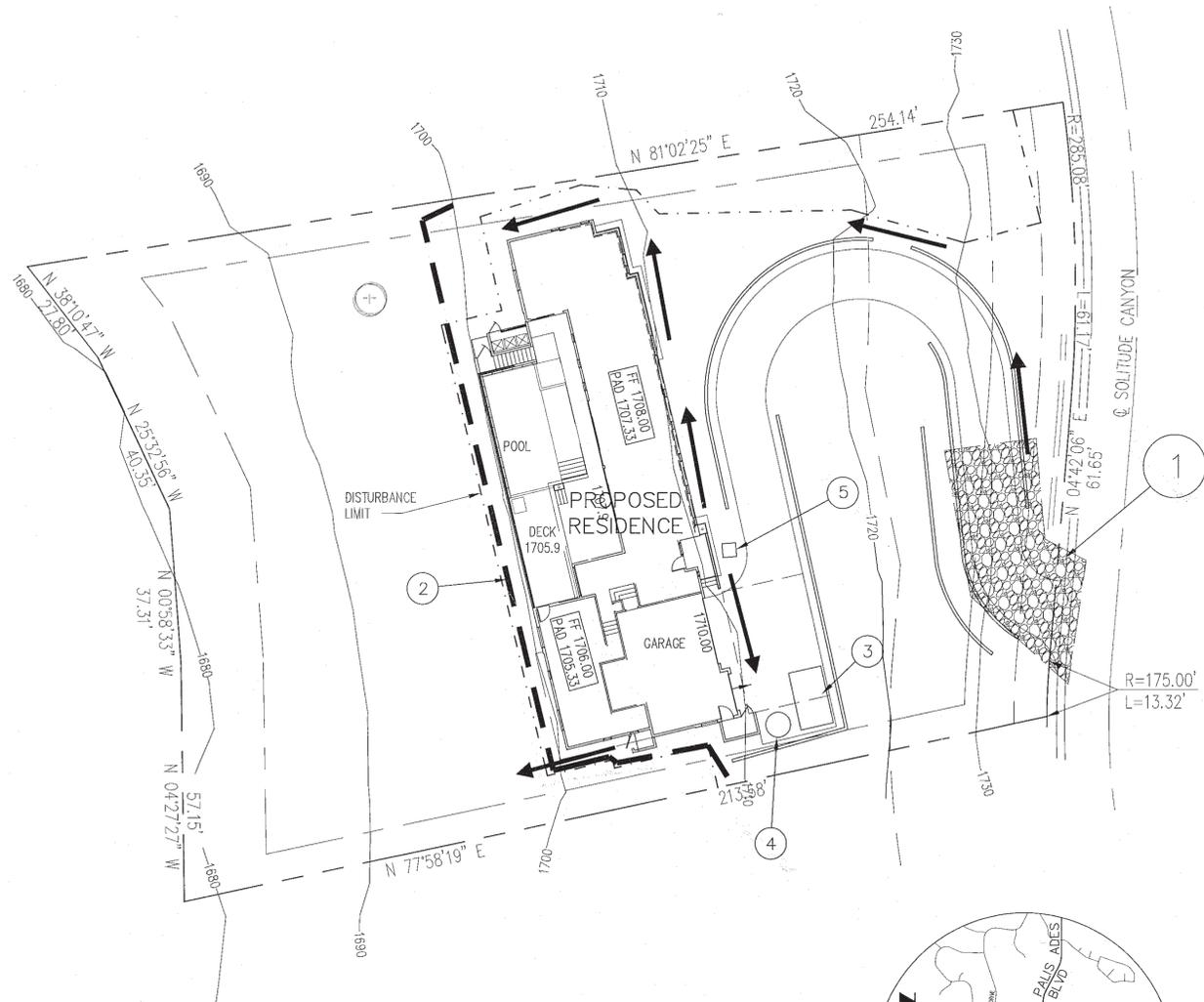
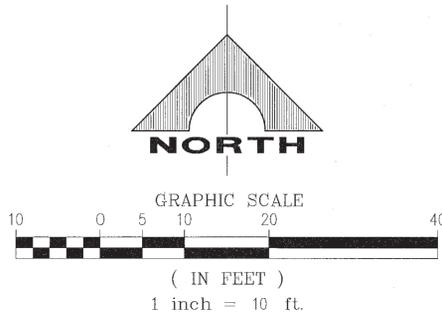
Step2: If the property is part of a larger development/subdivision, determine the limits of the development/subdivision. Using the development boundary and the Assessor’s Record Maps locate the undeveloped parcels within the development. Add up the acreage of the remaining undeveloped parcels. Many times the cover of the Recorded Plat Maps stipulate the maximum allowable area of disturbance so read the cover of the plat map to see if there are disturbance restrictions and include this number in the calculation. Also, look in the Town’s Subdivision Ordinance, Article 5 section 5.04 for Hillside Disturbance requirements. Consider these restrictions when adding up acreage. If the acreage is greater than 1 acre, an NOI is required for the construction.

# TOWN OF FOUNTAIN HILL'S EROSION AND SEDIMENT CONTROL SAMPLE PLAN

## EROSION AND SEDIMENT CONTROL PLAN - SITE MAP

FOUNTAIN HILLS, ARIZONA  
 SUBDIVISION NAME, PARCEL #, LOT#  
 TOWNSHIP SECTION RANGE  
 PROJECT ADDRESS

### PRE-CONSTRUCTION SITE MAP



### VICINITY MAP

N.T.S.

#### SITE DESCRIPTION

- Nature of construction activity: Site Grading, Utilities, and Paving
- Sequence of construction activities:
  - Clearing and grading of site.
  - Preparation of pad.
  - Installation of underground utilities to be occurring simultaneously with items A & B.
  - Paving of streets and installation of landscaping.
- Total on-site area to be disturbed: 0.32 acres, Area undisturbed = 0.46 acres
- Estimate of runoff coefficients:
  - pre-development = 0.70
  - post-development = 0.80
  - quality of storm water discharge: not available
  - receiving water: DRY WASH
  - soil types at site: sandy, clayey gravel
- Average slope after grading: Building Pad Slope 5%

TOTAL AREA DISTURBED  
0.32 Ac.

#### SHEET INDEX

- STORM WATER POLLUTION PREVENTION PLAN - SITE MAP
- STORM WATER POLLUTION PREVENTION DETAILS

Add/Remove BMP's necessary to address your specific site conditions.

#### CONSTRUCTION NOTES

- INSTALL 30' x 50' LONG 6" MINIMUM THICKNESS 1" TO 3" AGGREGATE FOR TEMPORARY ENTRANCE/EXIT - SEE STABILIZED CONSTRUCTION ENTRANCE DETAIL  $\frac{B}{2}$
- INSTALL SILT FENCE PER DETAIL  $\frac{A}{2}$   
 OPTION: SUBSTITUTE 12" STRAW WATTLES BY NORTH AMERICAN GREEN OR EQUAL (TYP) INSTALL PER MANUFACTURER'S INSTRUCTIONS
- TEMPORARY TRASH CONTAINER LOCATION (40 cy)
- CONCRETE AND PAINT/SOLVENT WASH-OUT VESSEL LOCATION
- INSTALL CHEMICAL CONTAINMENT PLATFORM SEE DETAIL  $\frac{C}{2}$

#### LEGEND

- SILT FENCE SEE  $\frac{A}{2}$
- SLOPE DIRECTION
- STABILIZED CONSTRUCTION ENTRANCE SEE  $\frac{B}{2}$
- EXISTING CONTOUR
- DISTURBANCE LIMITS

Registered Engineer or Landscape Architect Seal

Insert Town of Fountain Hill's General Notes on the Erosion and Sediment Control Plan

#### Erosion and Sediment Control Plan General Notes:

- If deemed required per ADEQ requirements, a Notice of Intent (NOI) for coverage under the Construction Activity General Permit (CGP) shall be submitted to ADEQ prior to commencing land development or grading activities.
- Contractor/Owner shall notify the Town Inspector 24 hours prior to commencing any land development or grading activities.
- A copy of the approved Grading and Drainage site plan, NOI approval number and permit, the ESCP and the SWPPP shall be maintained on site and available for review by the Town Inspector, Representative or ADEQ.
- When a NOI is required: The Contractor shall prepare a Storm Water Pollution Prevention Plan (a written policies and procedures manual in accordance with ADEQ) in conjunction with the ESCP for the project. To be accessed on-site at the request of ADEQ.
- Contractor/Owner shall post a sign or other notice near the main entrance of the construction site with the AZPDES authorization number for the project, a copy of the NOI, description of the type of project and the name and contact information.
- Contractor/Owner shall at minimum perform a visual inspection of the construction site once every fourteen (14) days. Also within 24 hours of a rainfall event greater than or equal to half an inch. Contractor/Owner shall prepare an inspection log documenting findings. Operator's report shall be made available onsite at the Town's or ADEQ's request. Erosion control facilities shall be maintained or repaired as necessary to ensure functionality throughout the duration of the completion of the project.
- Contractor/Owner shall maintain compliance with all requirements outlined in the Arizona Pollutant Discharge Elimination System (AZPDES) Construction General Permit administered by ADEQ.
- Facilities shown on this ESCP must be constructed in conjunction with all clearing and grading activities in such a manner as to ensure that sediment laden water and construction contamination does not enter the drainage system/washes or violate ADEQ SWPPP requirements. BMPs must be installed and in operation prior to any grading or clearing and grubbing is performed.
- Contractor/Owner shall submit a Notice of Termination (NOT) following completion of construction and permanent stabilization as outlined in the AZPDES Construction General Permit administered by ADEQ.
- Contractor/Owner shall obtain a Dust Control Permit from Maricopa County Air Quality Department for all dust generating activities that disturb a 0.10 acre or greater and implement all applicable control measures as outlined in Maricopa County Air Pollution Control Rule 310.
- The Contractor that will be obtaining the Grading and Drainage permit must have the NOI permit issued in their name prior to the Town issuing a Grading Permit.

#### LEGAL DESCRIPTION

#### OWNER/DEVELOPER

Owner/Developer Contact Name  
 Contact Telephone Number  
 Contact Address



NO.	DATE	DESCRIPTION	BY

Engineering/ Landscape Architect Company Name  
 Address  
 Contact Number

Project Name  
 Project Address  
 Plat, Block and Lot  
 APN

DATE: \_\_\_\_\_ PROJECT NO.: \_\_\_\_\_ SCALE: AS NOTED  
 DRAWN BY: \_\_\_\_\_ CHECKED BY: \_\_\_\_\_  
 EROSION AND SEDIMENT CONTROL  
 SITE PLAN - PRE-CONSTRUCTION SITE  
 MAP

