

Appendices



ABBREVIATIONS AND ACRONYMS

- Appendix A contains the abbreviations and acronyms used in the EPCM.

APPENDIX A		ADOT
ABBREVIATIONS AND ACRONYMS		
AASHTO	American Association of State Highway and Transportation Officials	
ADEQ	Arizona Department of Environmental Quality	
ADOT	Arizona Department of Transportation	
ADWR	Arizona Department of Water Resources	
APP	Aquifer Protection Permit	
ARS	Arizona Revised Statutes	
AZCGP	Arizona Construction General Permit	
AZGFD	Arizona Game and Fish Department	
AZPDES	Arizona Pollutant Discharge Elimination System	
BIA	Bureau of Indian Affairs	
BLM	Bureau of Land Management	
BMP	Best Management Practice	
CFR	Code of Federal Regulations	
CGP	Construction General Permit	
CORPS	United States Army Corps of Engineers	
CWA	Clean Water Act	
DMGP	De Minimis General Permit	
ECC	Erosion Control Coordinator	
EPA	Environmental Protection Agency	
EPCM	ADOT Erosion and Pollution Control Manual	
EPCP	Erosion and Pollution Control Plan (ESCP Erosion and Sediment Control Plans-2005 manual)	
EPG	Environmental Planning Group (ADOT)	
ENGINEER	ADOT Resident Engineer or Resident Landscape Architect	
FCGP	Federal Construction General Permit	
FEMA	Federal Emergency Management Agency	
FHWA	Federal Highway Administration	
LID	Low Impact Development	
MAG	Maricopa Association of Governments	

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DEFINITIONS OF TERMS

- Appendix B defines terminology used in the EPCM.

APPENDIX B



DEFINITIONS OF TERMS

Arizona Construction General Permit (AZCGP)

Provides authorization to discharge under the Arizona Discharge Elimination System; specifically authorizes only discharges from construction activities in Arizona by those owners and operators who meet eligibility requirements and comply with the general permit terms and conditions.

ADOT

The Arizona Department of Transportation as the permittee, owner/operator and project manager of all its contractors and sub-contractors.

Arizona Pollutant Discharge Elimination System (AZPDES)

The Arizona Department of Environmental Quality Program by which permits are issued for allowable discharges to waters of the United States and authorization is granted to qualified candidates for coverage under the Arizona Construction General Permit.

Aquifer Protection Permit (APP)

The Arizona Department of Environmental Quality permit that covers discharge of pollutants directly or indirectly to an aquifer or to the land surface or vadose (the areas between the aquifer and the land surface) zone in such a manner that there is a reasonable probability that the pollutant will reach an aquifer.

Arizona Revised Statutes

Statutory laws in the state of Arizona.

Best Management Practice (BMP)

A technique, process, activity, or structure used to reduce the pollutant content of a storm water discharge minimizing the potential impacts upon receiving waters.

Clean Water Act (CWA)

Establishes the basic structure for regulating discharges of pollutants into the waters of the United States and regulating quality standards for surface waters. The basis of the CWA was enacted in 1948 and was called the Federal Water Pollution Control Act, but the Act was significantly reorganized and expanded in 1972. "Clean Water Act" became the Act's common name with amendments in 1977.

Code of Federal Regulations (CFR)

The codification of the general and permanent rules published in the Federal Register by the executive departments and agencies of the Federal Government.

Concentrated Flow

Runoff that accumulates or converges into well-defined channels with greater velocity than Sheet Flow.

Construction Site


The land or water area where construction activities will occur and where stormwater controls will be installed and maintained. The construction site includes construction support activities, which may be located at a different part of the property from where the primary construction activity will take place, or on a different piece of property altogether. The construction site is often a smaller subset of the lot or parcel within which the project is taking place. (NPDES definition)

REFERENCE FORMS AND CHECKLISTS

- Appendix C contains the following sample forms and checklists:
 - AZPDES SWPPP Index Sheet
 - NPDES SWPPP Index Sheet
 - ADOT Encroachment Permits AZPDES SWPPP Index Sheet
 - Notice of Intent (NOI)
 - Grading and Stabilization Record
 - ADOT Methodology for Determining Final Stabilization
 - Notice of Termination (NOT)
 - Environmental Memorandum

C

REFERENCE FORMS AND CHECKLISTS

	<p style="text-align: center;">NOTICE OF INTENT (NOI) for Construction Activity Discharges to Waters of the United States under the AZPDES Stormwater Construction General Permit (AZG2008-001)</p>
<p>FOR COVERAGE, A COMPLETE AND ACCURATE NOI (INCLUDING REQUIRED FEE) MUST BE SUBMITTED TO: Arizona Department of Environmental Quality, Surface Water Section / Stormwater and General Permits Unit 1110 West Washington Street, 5415A-1, Phoenix, Arizona 85007</p>	
<p>Is this NOI a revision to a project filed under the 2008 AZPDES Stormwater Construction General Permit? <input type="checkbox"/> YES <input type="checkbox"/> NO If Yes, complete the following:</p> <ul style="list-style-type: none"> ➤ Provide your current authorization number: AZCON - _____ ➤ Provide the name of the project / site in Part II below. You do not need to complete the entire form. Provide only the information that is being changed from the original NOI. ➤ Complete the certification in Part VI (including signature of authorized signer). 	<p>Is the site located on Indian Country Lands? <input type="checkbox"/> YES <input type="checkbox"/> NO</p>
<p>I. OPERATOR (Applicant) INFORMATION:</p> <ul style="list-style-type: none"> ➤ Contact Name: _____ ➤ Phone Number: _____ Fax Number: _____ ➤ Operator's Business Name: _____ ➤ Operator's Mailing Address: _____ ➤ City: _____ State: _____ Zip Code: _____ ➤ Business Status: Federal: _____ State: _____ Other Public: _____ Private: _____ 	
<p>II. CONSTRUCTION SITE INFORMATION:</p> <ul style="list-style-type: none"> ➤ Project/Site Name: _____ ➤ County Parcel No. (at main entrance): _____ Phone Number: _____ ➤ Type of Project (subdivision, commercial, road, pipeline, utility, ADOT project, etc.): _____ <li style="padding-left: 40px;">If a subdivision, has state or local subdivision approval been obtained? <input type="checkbox"/> YES <input type="checkbox"/> NO <li style="padding-left: 40px;">If yes, provide the Subdivision Certificate of Approval Number: _____ ➤ Is the project part of a larger common plan of development? <input type="checkbox"/> YES <input type="checkbox"/> NO 	

NOTICE OF INTENT for Coverage under AZPDES Stormwater Construction General Permit AZG2008-001 March 2012

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REFERENCES AND RESOURCES

- Appendix E contains a list of references and resources that were used when developing the manual and that may be used for further research.

APPENDIX E



REFERENCES AND RESOURCES

American Association of State Highway and Transportation Officials. Center for Environmental Excellence, Water Quality/Wetlands. http://environment.transportation.org/environmental_issues/water_wetlands/

Arizona Department of Environmental Quality. *Aquifer Protection Permit*.

Arizona Department of Environmental Quality. *Arizona Pollutant Discharge Elimination System General Permit for Discharge from Construction Activities to Waters of the United States (Permit No. AZG2008-001)*. February 29, 2008.

Arizona Department of Environmental Quality. *Arizona Department of Transportation Statewide Permit for Discharge to Waters of the United States under the Arizona Pollutant Discharge Elimination System Program*. September 19, 2008.

Arizona Department of Environmental Quality. *Construction General Permit SWPPP Guidance Checklist*. May 2008.

Arizona Department of Environmental Quality. *De Minimis General Permit*.

Arizona Department of Environmental Quality. *Fact Sheet, Arizona Pollutant Discharge Elimination System, 2008 Construction General Permit (AZG2008-01)*. February 29, 2008.

Arizona Department of Environmental Quality, Waste Management Programs Division: Hazardous Waste Management, <http://www.azdeq.gov/environ/waste/hazwaste/index.html>

Arizona Department of Environmental Quality, Water Quality Division (Smart NOI and NOT System, Permits), <http://www.azdeq.gov/environ/water/permits/index.html>

Arizona Department of Transportation. *Erosion and Pollution Control Manual for Highway Design and Construction*. February 2005.

Arizona Department of Transportation. *Maintenance and Facilities Best Management Practices Manual*. 2010.

Arizona Department of Transportation. *Post-Construction Best Management Practices Manual for Highway Design and Construction*. July 2009.

Arizona Department of Transportation. *Slope Erosion Control for Urban Freeways in Arid Climates*. Report No. FHWA-AZ-89-257, Volume I & II, July 1986 to June 1989.

Arizona Department of Transportation. *Standard Specifications for Road and Bridge Construction Sections 805 and 810*. 2008.

Arizona Department of Transportation, Office of Environmental Services, Water Quality, ADOT Stormwater Program, *SWPPP Template*. June 10, 2010, http://www.azdot.gov/inside_adot/OES/Water_Quality/Stormwater/Other_Resources.asp#ms

Arizona Department of Transportation. *Statewide Stormwater Management Plan*. March 2010.

ADDITIONAL PHOTOS

- Appendix F is a digital appendix included only with the website document *ADOT Erosion and Pollution Control Manual for Highway Design and Construction, 2012*.
- Photographs will be added to supplement BMP sheet photos and concepts, and as new BMPs are developed.
- Access the website document at:
http://www.azdot.gov/Highways/Roadway_Engineering/Roadside_Development/Resources.asp

