

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				

PART 2 - To be completed by ADOT & CONTRACTOR

http://www.azdot.gov/inside_adot/OES/Water_Quality/Stormwater/Docs/swppp_construction_template.dot

PART 1 - To be completed by the Landscape Architect or Design Engineer

I. PROJECT DESCRIPTION

- A. Owner Name and Address:
 Arizona Department of Transportation
 205 South 17th Avenue
 Phoenix, Arizona 85007-3213
- B. Project TRACS Number: _____
- C. Project Location: _____
 City: _____ County: _____
 Beginning Latitude (NAD 83): _____
 Beginning Longitude (NAD 83): _____
 Ending Latitude (NAD 83): _____
 Ending Longitude (NAD 83): _____

To obtain the project latitude/longitude data, refer to the Flash Earth web link below (Bing Maps with labels); <http://www.flashearth.com/>

- D. Project Description: _____

II. HYDROLOGIC INFORMATION

- A. Project Size:
 Length (Mi.) _____
 Area (Ac.) _____
- B. Area to be Graded (Ac.) *: _____
 * Blading of the shoulder build-up area is considered as grading and ground disturbance and should be covered by stormwater and/or other environmental regulations.
- C. Percentage of the site that is impervious before and after construction:
 Percentage before Construction: _____
 Percentage after Construction: _____
- D. Receiving Water(s), refer to the Arizona Department of Water Resources Web Link below (USGS Topo): <https://glswater.azwater.gov/WellRegistry/Default.aspx>

III. PRESERVATION OF EXISTING VEGETATION

- A. In accordance with the specifications, existing vegetation will be preserved. Clearing limits shall be confined to areas that require grading. Existing vegetation outside the boundaries of the cleared area shall be protected from damage by construction activities. Existing trees within the area to be cleared shall be preserved and protected, wherever possible.

IV. SOIL STABILIZATION MEASURES

- A. All disturbed soil, which will not be paved, riprapped or otherwise covered to prevent erosion, will be revegetated and/or landscaped in accordance with the project plans and specifications.
- B. Scheduling of the revegetation effort can be found on PART 2 of this sheet under SCHEDULE OF MAJOR ACTIVITIES.

V. MEASURES TO CONTROL EROSION AND SEDIMENT

- A. Temporary Erosion and Sediment Controls: (Refer to the Following SWPPP Site Plan and Specifications)
- _____ Erosion Control Mattings
 - _____ Temporary Diversion Dikes
 - _____ Check Dams
 - _____ Rock Inlet/Outlet Protection
 - _____ Sediment Control Berms
 - _____ Silt Fences
 - _____ Wattles (Excelsior/Straw)
 - _____ Excelsior Logs / Sediment Logs
 - _____ Seeding (Class II with mulch)
 - _____ Others Describe: _____

- B. Permanent Erosion and Sediment Controls and Post-construction Storm Water Management Measures: (Refer to SWPPP Site Plan and Specifications)

- _____ Crown Ditch/Dike
- _____ Rock Protection
- _____ Rock Riprap Channel Lining
- _____ Sediment Basin
- _____ Embankment Curb
- _____ Spillways and Downdrains
- _____ Minibenching
- _____ Seeding established as a perennial vegetative cover with a density of 70% of the native background vegetative cover.
- _____ Others Describe: _____

VI. MAINTENANCE AND INSPECTIONS

- A. Frequency of Inspections:
 _____ At least once every 7 calendar days, OR
 _____ Every 14 calendar days and within 24 hours after a rainfall of 0.5 inches (12.7 mm) or more.

NOTE: RAINFALL GAUGE TO BE KEPT ON-SITE TO DETERMINE DEPTH OF RAINFALL

- B. Inspection Procedure:
 ADOT's Contractor's Inspection Log and Compliance Evaluation Report (CER) will be completed by the contractor or his representative and will be kept on file for 3 years. A signed copy of the CER will be sent to the ADOT resident engineer. If repairs are necessary, they shall be initiated within 24 hours of the inspection report.

I. SCHEDULE OF MAJOR ACTIVITIES

- A. Project Schedule: _____
 Start Date: _____
 End Date: _____

- B. Construction Sequencing Schedule: (Attach Additional Sheets) Construction Activities _____

II. INVENTORY OF POLLUTANTS

- A. The materials or substances checked below are expected to be onsite during construction:
- _____ Concrete _____ Asphalt
 - _____ Paints _____ Fertilizer
 - _____ Herbicides _____ Wood
 - _____ Fuel _____ Oil
 - _____ Others, List: _____

III. POLLUTION CONTROL MEASURES

- A. Other Best Management Practices:
 _____ Wind Erosion and Dust Control
 _____ Solid Waste Management
 _____ Equipment Maintenance Procedures
 _____ Designated Washout Areas
 _____ Stabilized Construction Entrance
 _____ Protected Chemical and Material Storage Area
 _____ Other, Describe: _____

IV. SPILL PREVENTION AND RESPONSE

- A. Spill Prevention:
 The procedures outlined in the Best Management Practices listed under Pollution Control Measures will be followed to prevent and contain spills of hazardous material. These preventative action include BMP's on equipment maintenance and proper handling, storage and disposal of chemicals and materials. All manufacturer's recommendations for usage, clean-up and disposal shall be followed.

- B. Spill Response:
 In the event of any accidental spill of chemicals or hazardous materials, contact the ADOT Traffic Operations Center at 800-379-3701. If a reportable quantity is discharged into the storm water, ADOT shall contact the National Response Center and document the spill to the EPA. ADOT's Hazardous Materials Specialist shall provide instructions.

V. CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS

- A. This Storm Water Pollution Prevention Plan (SWPPP) has been prepared in accordance with the latest updated version of ADOT's EROSION AND POLLUTION CONTROL MANUAL FOR HIGHWAY DESIGN AND CONSTRUCTION, published by ADOT Intermodal Transportation Division.

_____ SWPPP is in compliance with other Federal, State Laws, or Local Regulations.

VI. POLLUTION PREVENTION PLAN CERTIFICATION

- A. I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Applies to VI. B., C., and D)

- B. The operator/contractor as defined in AZPDES should sign the SWPPP in accordance with CGP Part VIII, J, and retain the SWPPP on-site at the construction site or other location easily accessible during normal business hours.

Signature: (operator/contractor) _____

Date: _____
 Name: _____
 Title: _____
 Company: _____

- C. ADOT Resident Engineer

Signature: (owner) _____
 Date: _____
 Name: _____
 Title: _____
 ADOT District: _____

- D. MUNICIPALITY for Municipal Separate Storm Sewer System (MS4)

Signature: _____
 Date: _____
 Name: _____
 Title: _____
 MS4 Name: _____

VII. OTHER REQUIREMENTS

- A. A copy of the General Permit and NOI are attached in accordance to AZPDES General Permit for Storm Water Discharges From Construction Activities To The Water Of The United States.
- B. Projects that are within 1/4 mile of impaired or unique waters require the SWPPP to be sent to ADEQ in combination with the NOI. Refer to the Arizona Outstanding, Impaired and Not-Attaining Waters *.PDF Maps by County web link: https://www.azdot.gov/inside_adot/OES/Water_Quality/Stormwater/outstanding_unique_waters_maps_by_county.asp
- C. For further requirements, check the ADEQ's Smart NOI Web Page: <https://az.gov/app/smartnoi/>

DESIGN	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADSIDE DEVELOPMENT SECTION
DESIGN			
DRAWN			
DRAWN			
CHECKED			
TEAM LEADER			AZPDES SWPPP INDEX SHEET
ROUTE	MP	LOCATION	
TRACS NO.			SHEET OF
			OF

DATE
MADE BY
NO.2 DESCRIPTION OF REVISION
DATE
NO.1 DESCRIPTION OF REVISION

C

REFERENCE FORMS AND CHECKLISTS

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				

PART I - To be completed by the Landscape Architect or Design Engineer

I. PROJECT DESCRIPTION

A. Owner Name, Address and IRS Employee Identification Number (EIN):
 Arizona Department of Transportation
 205 South 17th Avenue
 Phoenix, Arizona 85007-3213

IRS Employee Identification Number (EIN) for ADOT: 86-6004791

B. Project TRACS Number: _____

C. Project Location: _____
 City: _____ County: _____

Beginning Latitude (NAD 83): _____
 Beginning Longitude (NAD 83): _____
 Ending Latitude (NAD 83): _____
 Ending Longitude (NAD 83): _____

To obtain the project latitude/longitude data, refer to the EPA's eNOI System (Central Data Exchange) : <https://cdx.epa.gov/> or Flash Earth Web Link below (Bing Maps with labels) : <http://www.flashearth.com/>

D. Project Description: _____

II. HYDROLOGIC INFORMATION

A. Project Size:
 Length (Mi.) _____
 Area (Ac.) _____

B. Area to be Graded (Ac.) *: _____
 * Blading of the shoulder build-up area is considered as grading and ground disturbance and should be covered by stormwater and/or other environmental regulations.

C. Percentage of the site that is impervious before and after construction:
 Percentage before Construction: _____
 Percentage after Construction: _____

D. Receiving Water(s), refer to the AZ Department of Water Resources Web Link below (USGS Topo): <https://qisweb.azwater.gov/WellRegistry/Default.aspx>

III. PRESERVATION OF EXISTING VEGETATION

A. In accordance with the specifications, existing vegetation will be preserved. Clearing limits shall be confined to areas that require grading. Existing vegetation outside the boundaries of the cleared area shall be protected from damage by construction activities. Existing trees within the area to be cleared shall be preserved and protected, wherever possible.

IV. SOIL STABILIZATION MEASURES

A. All disturbed soil, which will not be paved, riprapped or otherwise covered to prevent erosion, will be revegetated and/or landscaped in accordance with the project plans and specifications.

B. Scheduling of the revegetation effort can be found on PART 2 of this sheet under SCHEDULE OF MAJOR ACTIVITIES.

V. MEASURES TO CONTROL EROSION AND SEDIMENT

A. Temporary Erosion and Sediment Controls: (Refer to the SWPPP Site Plan and Specifications)

_____ Erosion Control Matings
 _____ Temporary Diversion Dikes
 _____ Check Dams
 _____ Rock Inlet/Outlet Protection
 _____ Sediment Control Berms
 _____ Silt Fences
 _____ Wattles (Excelsior/Straw)
 _____ Excelsior Logs / Sediment Logs
 _____ Seeding (Class II with mulch)
 _____ Others Describe: _____

B. Permanent Erosion and Sediment Controls and Post-construction Storm Water Management Measures: (Refer to SWPPP Site Plan and Specifications)

_____ Crown Ditch/Dike
 _____ Rock Protection
 _____ Rock Riprap Channel Lining
 _____ Sediment Basin
 _____ Embankment Curb
 _____ Spillways and Downdrains
 _____ Minibenching
 _____ Seeding established as a perennial vegetative cover with a density of 70% of the native background vegetative cover.
 _____ Others Describe: _____

VI. MAINTENANCE AND INSPECTIONS

A. Frequency of Inspections:
 Regular Inspection Frequency:
 _____ At least once every 7 calendar days (weekly), OR
 _____ At least 14 calendar days (biweekly) and within 24 hours of a rainfall of 0.25 in. or greater.
 Impaired (Sensitive) Waters Inspection:
 _____ Every 7 calendar days and within 24 hours of a rainfall of 0.25 in. or greater.

NOTE: RAINFALL GAUGE TO BE KEPT ON-SITE TO DETERMINE DEPTH OF RAINFALL

B. Inspection Procedure:
 ADOT's Contractor's Inspection Log and Compliance Evaluation Report (CER) will be completed by the contractor or his representative and will be kept on file for 3 years. A signed copy of the CER will be sent to the ADOT resident engineer. If repairs are necessary, they shall be initiated within 24 hours of the inspection report.

PART 2 - To be completed by ADOT & CONTRACTOR

Refer to: <http://cfpub.epa.gov/npdes/stormwater/msgpenol.cfm>
<http://cfpub.epa.gov/npdes/stormwater/swppp.cfm#guide>

I. SCHEDULE OF MAJOR ACTIVITIES

A. Project Schedule: _____
 Start Date: _____
 End Date: _____

B. Construction Sequencing Schedule: (Attach Additional Sheets)
 Construction Activities _____

II. INVENTORY OF POLLUTANTS

A. The materials or substances checked below are expected to be onsite during construction:

_____ Concrete _____ Asphalt
 _____ Paints _____ Fertilizer
 _____ Herbicides _____ Wood
 _____ Fuel _____ Oil
 _____ Others, List: _____

III. POLLUTION CONTROL MEASURES

A. Other Best Management Practices:
 _____ Wind Erosion and Dust Control
 _____ Solid Waste Management
 _____ Equipment Maintenance Procedures
 _____ Designated Concrete Washout Areas (Leak proof pits/containers are included.)
 _____ Stabilized Construction Entrance
 _____ Protected Chemical and Material Storage Area
 Other, Describe: _____

IV. SPILL PREVENTION AND RESPONSE

A. Spill Prevention:
 The procedures outlined in the Best Management Practices listed under Pollution Control Measures will be followed to prevent and contain spills of hazardous material. These preventative action include BMP's on equipment maintenance and proper handling, storage and disposal of chemicals and materials. All manufacturer's recommendations for usage, clean-up and disposal shall be followed.

B. Spill Response:
 In the event of any accidental spill of chemicals or hazardous materials, contact the ADOT Traffic Operations Center at 800-379-3701. If a reportable quantity is discharged into the storm water, ADOT shall contact the National Response Center and document the spill to the EPA. ADOT's Hazardous Materials Specialist shall provide instructions.

V. CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS

A. This Storm Water Pollution Prevention Plan (SWPPP) has been prepared in accordance with the latest updated version of ADOT's EROSION AND POLLUTION CONTROL MANUAL FOR HIGHWAY DESIGN AND CONSTRUCTION, published by ADOT Intermodal Transportation Division.

_____ SWPPP is in compliance with other Federal, State Laws, or Local Regulations.

VI. POLLUTION PREVENTION PLAN CERTIFICATION

A. I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Applies to VI. B., C., and D)

B. The operator/contractor as defined in NPDES should sign the SWPPP in accordance with CGP Part 7.2.15 and retain the SWPPP on-site at the construction site or other location easily accessible during normal business hours.
 Signature: (operator/contractor) _____
 Date: _____
 Name: _____
 Title: _____
 ADOT District: _____

C. ADOT Resident Engineer
 Signature: (owner) _____
 Date: _____
 Name: _____
 Title: _____
 ADOT District: _____

D. MUNICIPALITY for Municipal Separate Storm Sewer System (MS4)
 Signature: _____
 Date: _____
 Name: _____
 Title: _____
 Municipality: _____

VII. OTHER REQUIREMENTS

A. A copy of the General Permit and NOI should be attached.

B. A copy of the page from the environmental clearance for the project that discusses endangered or threatened species should be attached.

C. Use the process in NPDES General Permit Appendix C (ESA Review Procedures) to determine eligibility prior to submittal of the Notice of Intent (NOI) for Endangered and Threatened Species and Critical Habit Protection.

D. A seven-day waiting/review period between NOI submittal and authorization to begin construction will be used by U.S. Fish and Wildlife Service and National Marine Fisheries Service to screen proposed construction activities for potential impacts on endangered species.

DESIGN	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADSIDE DEVELOPMENT SECTION
DESIGN			NPDES SWPPP INDEX SHEET
DRAWN			
CHECKED			
TEAM LEADER			
ROUTE	MP	LOCATION	
TRACS NO.			SHEET OF
			_____ OF _____

DATE: _____
 MADE BY: _____
 NO. 2 DESCRIPTION OF REVISION: _____
 DATE: _____
 MADE BY: _____
 NO. 1 DESCRIPTION OF REVISION: _____

C

REFERENCE FORMS AND CHECKLISTS

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F.A.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				

PART 1 - To be completed by the Landscape Architect or Design Engineer

I. PROJECT DESCRIPTION

A. Owner Name and Address: (PERMITTEE)

B. Project Location: _____

Beginning Latitude (NAD 83): . . .

Beginning Longitude (NAD 83): - . . .

Ending Latitude (NAD 83): . . .

Ending Longitude (NAD 83): - . . .

C. Project Description: _____

II. HYDROLOGIC INFORMATION

A. Project Size:

Length (Mi.) _____

Area (Ac.) _____

B. Area to be Graded (Ac.): _____

C. Percentage of the site that is impervious before and after construction:

Percentage before Construction: _____

Percentage after Construction: _____

D. Receiving Water(s): _____

III. PRESERVATION OF EXISTING VEGETATION

A. In accordance with the specifications, existing vegetation will be preserved. Clearing limits shall be confined to areas that require grading. Existing vegetation outside the boundaries of the cleared area shall be protected from damage by construction activities. Existing trees within the area to be cleared shall be preserved and protected, wherever possible.

IV. SOIL STABILIZATION MEASURES

A. All disturbed soil, which will not be paved, riprapped or otherwise covered to prevent erosion, will be revegetated and/or landscaped in accordance with the project plans and specifications.

B. Scheduling of the revegetation effort can be found on PART 2 of this sheet under SCHEDULE OF MAJOR ACTIVITIES.

V. MEASURES TO CONTROL EROSION AND SEDIMENT

A. Temporary Erosion and Sediment Controls: (Refer to the following SWPPP Site Plan and Specifications)

- _____ Erosion Control Matings
- _____ Temporary Diversion Dikes
- _____ Check Dams
- _____ Rock Inlet/Outlet Protection
- _____ Sediment Control Berms
- _____ Silt Fences
- _____ Wattles (Excelsior/Straw)
- _____ Excelsior Logs / Sediment Logs
- _____ Seeding (Class II with mulch)
- _____ Others Describe: _____

B. Permanent Erosion and Sediment Controls and Post-construction Storm Water Management Measures: (Refer to SWPPP Site Plan and Specifications)

- _____ Crown Ditch/Dike
- _____ Rock Protection
- _____ Rock Riprap Channel Lining
- _____ Sediment Basin
- _____ Embankment Curb
- _____ Spillways and Downdrains
- _____ Minibenching
- _____ Seeding established as a perennial vegetative cover with a density of 70% of the native background vegetative cover.
- _____ Others Describe: _____

VI. MAINTENANCE AND INSPECTIONS

A. Frequency of Inspections:

- _____ At least once every 7 calendar days, OR
- _____ Every 14 calendar days and within 24 hours after a rainfall of 0.5 inches (12.7 mm) or more.

NOTE: RAINFALL GAUGE TO BE KEPT ON-SITE TO DETERMINE DEPTH OF RAINFALL

B. Inspection Procedure:

Permittee's Contractor's Inspection Log and Compliance Evaluation Report (CER) will be completed by the contractor or his representative and will be kept on file for 3 years. If repairs are necessary, they shall be initiated within 24 hours of the inspection report.

PART 2 - To be completed by PERMITTEE & CONTRACTOR

<http://www.azdot.gov/Highways/MaintPermits/PDF/EncroachmentPermit.pdf>
http://www.azdot.gov/Highways/MaintPermits/PDF/encroachment_policies_guidelines_procedures.pdf

I. SCHEDULE OF MAJOR ACTIVITIES

A. Project Schedule: _____

Start Date: _____

End Date: _____

B. Construction Sequencing Schedule: (Attach Additional Sheets) Construction Activities _____

II. INVENTORY OF POLLUTANTS

A. The materials or substances checked below are expected to be onsite during construction:

- _____ Concrete _____ Asphalt
- _____ Paints _____ Fertilizer
- _____ Herbicides _____ Wood
- _____ Fuel _____ Oil
- _____ Others, List: _____

III. POLLUTION CONTROL MEASURES

A. Other Best Management Practices:

- _____ Wind Erosion and Dust Control
- _____ Solid Waste Management
- _____ Equipment Maintenance Procedures
- _____ Designated Washout Areas
- _____ Stabilized Construction Entrance
- _____ Protected Chemical and Material Storage Area
- _____ Other, Describe: _____

IV. SPILL PREVENTION AND RESPONSE

A. Spill Prevention:

The procedures outlined in the Best Management Practices listed under Pollution Control Measures will be followed to prevent and contain spills of hazardous material. These preventative action include BMP's on equipment maintenance and proper handling, storage and disposal of chemicals and materials. All manufacturer's recommendations for usage, clean-up and disposal shall be followed.

B. Spill Response:

In the event of any accidental spill of chemicals or hazardous materials in ADOT R/W, contact the ADOT Traffic Operations Center at 800-379-3701. If a reportable quantity is discharged into the storm water, ADOT shall contact the National Response Center and document the spill to the EPA. ADOT's Hazardous Materials Specialist shall provide instructions.

V. CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS

A. This Storm Water Pollution Prevention Plan (SWPPP) has been prepared in accordance with the latest updated version of ADOT's EROSION AND POLLUTION CONTROL MANUAL FOR HIGHWAY DESIGN AND CONSTRUCTION, published by ADOT Intermodal Transportation Division.

_____ SWPPP is in compliance with other Federal, State Laws, or Local Regulations.

VI. POLLUTION PREVENTION PLAN CERTIFICATION

A. I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Applies to VI. B., C., and D)

B. The operator/contractor as defined in AZPDES should sign the SWPPP in accordance with CGP Part VIII. J, and retain the SWPPP on-site at the construction site or other location easily accessible during normal business hours.

Signature: (operator/contractor) _____

Date: _____

Name: _____

Title: _____

Company: _____

C. The owner/operator as defined in AZPDES and described in B Signature: (owner/operator) _____

Date: _____

Name: _____

Title: _____

Company: _____

D. MUNICIPALITY for Municipal Separate Storm Sewer System (MS4)

Signature: _____

Date: _____

Name: _____

Title: _____

MS4 Name: _____

VII. OTHER REQUIREMENTS

A. A copy of the General Permit and NOI are attached in accordance to AZPDES General Permit for Storm Water Discharges From Construction Activities To The Water Of The United States.

B. Projects that are within 1/4 mile of impaired or unique waters require the SWPPP to be sent to ADEQ in combination with the NOI.

C. For further requirements, check the ADEQ's Smart NOI Web Page: <https://az.gov/app/smartnoi/>

DESIGN	NAME	DATE	ADOT ENCROACHMENT PERMITS AZPDES SWPPP INDEX SHEET
DRAWN			
CHECKED			
ROUTE	LOCATION		DWG NO
			_____ OF _____

DATE- LOCATION- REVISIONS- FINISHED PLANS- SURVEY NO. DATE- LOCATION- REVISIONS- FINISHED PLANS- SURVEY NO.

C

REFERENCE FORMS AND CHECKLISTS

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REFERENCE FORMS AND CHECKLISTS

	<p 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 align="center">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: <input type="checkbox"/> State: <input type="checkbox"/> Other Public: <input type="checkbox"/> Private: <input type="checkbox"/> 	
<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.): _____ If a subdivision, has state or local subdivision approval been obtained? <input type="checkbox"/> YES <input type="checkbox"/> NO 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 	

C

REFERENCE FORMS AND CHECKLISTS

II. CONSTRUCTION SITE INFORMATION *(continued)*

- Does the project have/need other environmental permits or approvals? If so, list them and provide the permit/approval number for each: _____

- Site physical location (Provide address. If no address, provide driving directions from nearest municipality):

- City: _____ State: **AZ** Zip Code: _____ County: _____
- Estimated Project Start Date: _____ Estimated Project Completion Date: _____
Month/Day/Year Month/Day/Year
- Estimate of total acres (to nearest whole acre) to be disturbed by the entire construction activity: _____
- Estimate of total acres (to nearest whole acre, round up if < 1) to be disturbed by your operations: _____

➤ **Select the non-stormwater discharges expected to be associated with your construction-related activities:**

<input type="checkbox"/> None	<input type="checkbox"/> Foundation or footing drains – uncontaminated
<input type="checkbox"/> Discharges from emergency fire-fighting activities	<input type="checkbox"/> Potable water well flushing – ephemeral receiving waters only
<input type="checkbox"/> Fire hydrant flushing – ephemeral receiving waters only	<input type="checkbox"/> Waters used for compacting soil – no reclaimed or other wastewaters
<input type="checkbox"/> Waters used to control dust – no reclaimed or other wastewaters	<input type="checkbox"/> Water used for drilling and coring (e.g., for evaluation of foundation materials) uncontaminated
<input type="checkbox"/> Potable waterline flushing – ephemeral receiving waters only	<input type="checkbox"/> Uncontaminated water from dewatering operations or foundations
<input type="checkbox"/> Routine external building wash down (no detergents)	<input type="checkbox"/> Other (specify) _____
<input type="checkbox"/> Pavement wash waters – no spills or leaks of toxic or hazardous materials and no detergents	_____
<input type="checkbox"/> Uncontaminated air conditioning or compressor condensate	_____
<input type="checkbox"/> Uncontaminated groundwater	

REFERENCE FORMS AND CHECKLISTS

III. DISCHARGE LOCATION

- Provide the latitude and longitude of the construction site at the point nearest the receiving water (natural water course):

Latitude: ° ' . " Longitude: ° ' . "

(Degrees, minutes, seconds)

(Degrees, minutes, seconds)

- Identify the closest receiving water to the construction site (e.g., dry washes, named and unnamed waterbodies, etc.):

- Is there a potential for any discharges from the site to enter a municipal separate storm sewer system (MS4), canal, or a privately owned conveyance? YES NO

If yes, enter the name of the MS4, canal, or conveyance owner: _____

IV. STORMWATER POLLUTION PREVENTION PLAN (SWPPP) – A SWPPP must be developed in accordance with the terms of the general permit before completing and submitting this NOI.

- I confirm that a SWPPP meeting the requirements of the Stormwater Construction General Permit (No. AZG2008-001) has been developed and will be implemented prior to commencing construction activities at this site. The SWPPP will be located at the site during construction activities. If this is a late NOI, a SWPPP has been developed and implemented prior to submitting this NOI. NOTE: ADEQ retains the authority to take enforcement action(s) for any unpermitted discharge or other non-compliance that occurs between the time construction commenced and discharge authorization is issued.

- When construction activities are not actively underway, the SWPPP will be available at the following location:

- Name of SWPPP Contact Person: _____

- Telephone Number of SWPPP Contact Person: _____

- This project may discharge within 1/4 mile of an Impaired or Outstanding Arizona Water: YES NO

If yes, a copy of my SWPPP is included with this NOI for review by ADEQ.

C

REFERENCE FORMS AND CHECKLISTS

V. FEES

___ I confirm that the correct fee payment is included with the NOI:

___ Less than or equal to 1 acre: \$250.00 *

___ Greater than 1 acre, but less than or equal to 50 acres: \$350.00

___ Greater than 50 acres: \$500.00

___ Review of SWPPP by ADEQ, if required (see section IV above): add \$1,000.00

Total fee payment included: \$ _____

___ No fee is required. The signer below represents an Arizona state agency (exempt from AZPDES fees).

___ No fee is required. This is an amendment of an NOI previously filed under the 2008 Stormwater Construction General Permit, for which the fee was paid or not required.

* (If the project will disturb less than one acre, Stormwater Construction General Permit coverage is required only if the project is part of a larger common plan of development or sale that will ultimately disturb one acre or more.)

VI. CERTIFICATION BY AUTHORIZED SIGNATORY (see Part VIII.J.1 of the General Permit for requirements)

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision, in accordance with a system designed to ensure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage this system, or those persons directly responsible for gathering the information, I believe the information submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. In addition, as the operator, I certify that I have reviewed and will comply with all the terms and conditions stipulated in the Stormwater Construction General Permit (AZG2008-001)."

➤ Printed Name: _____ Title: _____

➤ Signature: _____ Date: _____

➤ Business Name: _____

➤ Address: _____

➤ City: _____ State: _____ Zip Code: _____ Phone: _____

C

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ADOT Roadside Development Section

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Arizona Department of Transportation Methodology for Determining Final Stabilization

(Last updated in January 2006)

“Final Stabilization” is a stipulation that must be met in order for an operator of a construction site to submit a Notice of Termination (NOT) to the Arizona Department of Environmental Quality (ADEQ) under the Arizona Pollutant Discharge Elimination System (AZPDES) Permit Program (Permit No. AZG2003-001) or to the U.S. Environmental Protection Agency under the National Pollutant Discharge Elimination System (NPDES) Construction General Permit (CGP). AZPDES is applicable to projects that disturb greater than one (1) acre on non-Tribal lands; NPDES is applicable for projects on Tribal lands. A NOT is submitted by the operator to terminate coverage for discharges from construction activities to Waters of the United States.

According to AZPDES, “Final Stabilization” means that:

1. All soil disturbing activities at the site have been completed and either of the two following criteria are met:
 - a. A uniform (e.g., evenly distributed, without large bare areas) perennial vegetative cover with a density of 70% of the native background vegetative cover for the area has been established on all unpaved areas and areas not covered by permanent structures, or
 - b. Equivalent permanent stabilization measures (such as the use of riprap, gabions, or geotextiles) have been employed.
2. When background native vegetation will cover less than 100 percent of the ground (e.g., arid areas, beaches), the 70 percent coverage criteria is adjusted as follows: if the native vegetation covers 50 percent of the ground, 70 percent of 50 percent ($.70 \times .50 = .35$) would require 35% total cover for final stabilization. On a beach with no natural vegetation, no stabilization is required.

According to NPDES, “Final Stabilization” means that:

1. All soil disturbing activities at the site have been completed and either of the two following criteria are met:
 - a. a uniform (e.g., evenly distributed, without large bare areas) perennial vegetative cover with a density of 70 percent of the native background vegetative cover for the area has been established on all unpaved areas and areas not covered by permanent structures, or
 - b. equivalent permanent stabilization measures (such as the use of riprap, gabions, or geotextiles) have been employed.

205 S 17th Ave Room 297 Mail Drop 617 E
Phoenix, AZ 85007-3212

1 of 4

C

REFERENCE FORMS AND CHECKLISTS

ADOT Roadside Development Section

Tel: (602) 712-7357 Fax: (602) 712-3217

2. When background native vegetation will cover less than 100 percent of the ground (e.g., arid areas, beaches), the 70 percent coverage criteria is adjusted as follows: if the native vegetation covers 50 percent of the ground, 70 percent of 50 percent ($0.70 \times 0.50 = 0.35$) would require 35 percent total cover for final stabilization. On a beach with no natural vegetation, no stabilization is required.
3. In arid and semi-arid areas only, all soil disturbing activities at the site have been completed and both of the following criteria have been met:
 - a. Temporary erosion control measures (e.g., degradable rolled erosion control product) are selected, designed, and installed along with an appropriate seed base to provide erosion control for at least three years without active maintenance by you,
 - b. The temporary erosion control measures are selected, designed, and installed to achieve 70 percent vegetative coverage within three years.

A methodology for determining final stabilization for native seeded/unpaved areas is described below.

Within seeded areas, sample plots with a nominal size of 100 square feet shall be used for projects that occur within low rainfall areas (defined as locations receiving 20 inches or less average annual rainfall). Sample plots with a nominal size of 25 square feet shall be used for all other project locations. The rationale for the larger plot size in low rainfall areas is that a larger sample size is necessary to accurately measure the vegetative cover, which is expected to be less dense than in areas of higher rainfall. As an option, data may be gathered at the 100-square-foot plot locations by means of four 25 square foot sub-plots established at that same location.

Multiple sample plots may be required on a project site; the number of samples shall be determined by the total disturbance area of the project. The total area represented by the sample plots shall be approximately 0.1% (.001) of the total site disturbance for areas of 1 to 20 acres, 0.08% (.0008) for areas of 20.1 to 40 acres, and 0.05% (.0005) for areas of 40.1 acres or more. The sample plot area shall be rounded to the nearest 100 square feet. For example, a project in a low rainfall area with 18 acres of disturbance would require eight sample plots (for a total sample area of 800 square feet) representing 0.1% of the total disturbance area.

The sample areas shall represent the variety of conditions found on a project. A project that has both cut and fill slopes, for example, should have roughly the same number of sample plots on cut as on fill. Final design plans should be utilized to identify each cut and fill slope. Each slope shall be assigned a number by the evaluator (e.g., C1, C2, C3; F1, F2, F3). The slopes to be sampled shall be randomly selected. The sample plot locations within each sampling area should be predetermined, either by selecting a point on the plans prior to going into the field, or by using the same selection method in the field for each plot. For example, on a roadway project, the midpoint (longitudinally) of

*205 S 17th Ave Room 297 Mail Drop 617 E
Phoenix, AZ 85007-3212*

2 of 4

REFERENCE FORMS AND CHECKLISTS

ADOT Roadside Development Section

Tel: (602) 712-7357 Fax: (602) 712-3217

the cut or fill could be identified in the field, and from that point a set number of paces could be taken from the edge of road to arrive at the sampling location. If conditions at the predetermined sample plot location are not typical of the project site the location of the sample plot may be adjusted.

In order to determine if a reseeded site has achieved 70% of the vegetative coverage of the surrounding, undisturbed landscape, it is necessary to conduct sample plot measurements for those undisturbed areas in a manner similar to the reseeded portions of the project site. A corresponding undisturbed sample plot shall be established for each project site sample plot, the location of which should be determined before going into the field. In the above roadway project example, the location for the undisturbed plot could be along an extension of the same theoretic line as the project site sample plot (perpendicular to the roadway) at a set number of paces beyond the limit of construction disturbance.

A sampling frame of either a circular or square shape should be utilized to delineate the sample plot. When a single 25 square foot sample is used, the frame shall be dropped at the sample location. If four 25 square foot sub-plots are required to obtain a total sample of 100 square feet, the sub-plots shall be established in each ordinal direction and within a few feet of the intended sample location.

The cover provided by perennial vegetation and inert material (gravel, cobble, boulders) shall be documented. The percentage of vegetative cover shall be determined as noted below. The percentage of inert material shall be estimated by the evaluator.

All perennial plants encompassed by the sampling frame should be counted., If the frame overlaps a portion of a plant that is rooted either inside or outside the frame, only the amount of vegetative cover within the frame (aerial cover) should be counted. Dividing the frame into quadrants may make counting the plants easier. The species and canopy diameter of each plant shall be recorded. The area covered by the plant can be calculated based on the recorded canopy diameter. The sum of the canopy area of all perennial plants shall be used to calculate the vegetative cover percentage within the sample plot area. If multiple sample plots are required for a single project, the average cover percentage of all plots shall constitute the reseeded/unpaved cover percentage. Inert material cover should be visually estimated as a percentage of the total area within the sampling frame.

A photograph should be taken of each sample plot. The photograph should include the area encompassed by the sampling frame and a label identifying the plot.

The sum of the perennial vegetation and/or inert material coverage percentages will be used to determine if final stabilization has been achieved. As the AZPDES permit stipulates, "A uniform perennial vegetative cover with a density of 70% of the native background vegetative cover" or "equivalent permanent stabilization measures" must occur before final stabilization is considered to have been achieved. In a situation where

*205 S 17th Ave Room 297 Mail Drop 617 E
Phoenix, AZ 85007-3212*

3 of 4

C

REFERENCE FORMS AND CHECKLISTS

ADOT Roadside Development Section Tel: (602) 712-7357 Fax: (602) 712-3217

neither perennial vegetative cover nor inert material cover individually meet the 70% coverage requirement, the two types of cover may be combined. For example, if the perennial vegetation provides cover equivalent to 50% of the background cover, and the inert material provides 25% cover, the combined coverage (75%) would exceed the minimum requirement of 70% for final stabilization.

In addition to the determination of 70% cover, the temporary and permanent erosion control measures placed throughout the project shall be inspected for their effectiveness. Temporary erosion control measures such as sediment logs and straw bales shall be between 90% and 100% intact. Permanent erosion control measures such as rip rap at cut/fill transitions, drainage structures and swales shall be fully functional, with no evidence of sediment generation.

The draft results of the above analysis shall be provided to the project Resident Engineer with a copy to ADOT Roadside Development Section (Roadside). The results shall be presented in a memo format, with appropriate backup documentation and calculations to support the memo conclusions. At a minimum, a declarative statement similar to the following shall be provided: "The _____ project has achieved ___% coverage in unpaved areas and has/has not achieved final stabilization as defined by AZPDES/NPDES." Once the results have been agreed to by the project Resident Engineer, 5 copies of the memo shall be submitted to the Resident Engineer for distribution.

*205 S 17th Ave Room 297 Mail Drop 617 E
Phoenix, AZ 85007-3212*

4 of 4

REFERENCE FORMS AND CHECKLISTS



NOTICE OF TERMINATION (NOT)

for Construction Activity Discharges to Waters of the United States

Submission of this NOT constitutes notice that the party identified on this form is terminating coverage under the AZPDES general permit. Authorization to construction activity discharges to waters of the United States terminates at midnight on the day the NOT is received by ADEQ. To terminate your project, fax or submit a complete and accurate NOT to:

Arizona Department of Environmental Quality
Water Permits Section — Stormwater & General Permits Unit
 1110 West Washington, 5415A-1; Phoenix, Arizona 85007
 FAX: (602) 771-4528

I. PERMITTEE INFORMATION

AZPDES Stormwater Construction NOI Authorization Number: AZCON —

Name of Operator submitted on Notice of Intent (NOI): _____

Operator Business: _____ Address: _____

City: _____ State: _____ Zip: _____ Phone: _____

II. CONSTRUCTION SITE INFORMATION

Project/Site Name: _____

Site address or physical location: _____

City: _____ State: _____ Zip: _____ County: _____

Provide the latitude/longitude of the specified on the NOI:

Latitude: |__|° |__|' |__|". |__| Longitude: |__|° |__|' |__|". |__|

(Degrees, minutes, seconds) (Degrees, minutes, seconds)

III. REASON FOR TERMINATING COVERAGE: (Check as applicable)

- Final stabilization has been achieved on all portions of the site for which the operator is responsible.
- Another operator has assumed control over all areas of the site that have not been finally stabilized. (To qualify for this condition, ADEQ must receive the new operator's NOI application or the new AZCON # with this NOT submittal.) (AZCON-_____)
- For residential construction only, temporary stabilization has been completed and the residence has been transferred to the homeowner.
- The operator has obtained coverage under another AZPDES permit.
List new permit #(s): _____
- Construction activity was never initiated and plans for construction have been permanently abandoned or indefinitely postponed.

IV. CERTIFICATION BY AUTHORIZED SIGNATORY

"I certify under penalty of law that all stormwater discharges associated with construction activity from the identified facility that are authorized by a general permit have been eliminated or that I am no longer the operator of the facility or construction site. I understand that by submitting this Notice of Termination, I am no longer authorized to discharge stormwater associated with construction activity under this general permit, and that discharging pollutants in stormwater associated with construction activity to waters of the United States is unlawful under the Clean Water Act where the discharge is not authorized by an AZPDES permit. I also understand that the submittal of this Notice of Termination does not release an operator from liability for any violations of this permit or the Clean Water Act."

Printed Name: _____ Title: _____

Signature: _____ Date: _____

Business Name (if different from above): _____

Address (if different from above): _____

City: _____ State: _____ Zip: _____ Phone: _____

February 29, 2008

C

REFERENCE FORMS AND CHECKLISTS

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REFERENCE FORMS AND CHECKLISTS



Arizona Department of Transportation

Environmental Planning Group

MEMORANDUM

To: JULIE KLIEWER, Phoenix District
 BRANDON DECARLO, Phoenix District
 JAMES REEVES, Phoenix Traffic Engineering HES
 HARI KHANNA, Prog & Proj Mgmt Section
 JOHN ECKHARDT, R/W Proj Mgmt Section
 BARRY CROCKETT, Contracts & Specs Section

Date: March 30, 2011

From: THOR ANDERSON
 Manager

Subject: HSIP-MES-0(220)A
 0000 MA MES SH478 01C
 Upgrade to 12" signal heads
 STIP: Amendment #80 Date: 01/19/2011

The Environmental Planning Group reviewed this project and has determined that it meets the criteria of a Group One Categorical Exclusion in accordance with 23 CFR 771.117(c) and the Arizona Programmatic Categorical Exclusion.

In accordance with 23 CFR 771.129(c), the Environmental Planning Group shall be consulted to determine whether this Categorical Exclusion remains valid for the referenced project prior to major approvals. These include environmental, design, right-of-way, and bid approvals.

The City of Mesa will procure 208 12-inch signal heads to replace existing 8-inch signal heads at various intersections throughout the city.

If there is a change in the project scope or the project limits, the Environmental Planning Group (Tish Hunter/ 602.712.6895) must be contacted to evaluate potential impacts.

This constitutes environmental approval.

Due to the nature of the scope of work for this project and lack of ground disturbance, no mitigation measures are required.

TA:ph:re

cc: Renate Ehm, City of Mesa Transportation Department
 Irene Higgs, ADOT Traffic Safety Section
 Mary Frye, FHWA

C

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