

## STORMWATER POLLUTION PREVENTION PLANS

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### 4.1 INTRODUCTION

*Stormwater Pollution Prevention Plans* (SWPPPs) are project-specific documents that identify potential sources of stormwater pollutants; describe pollutant mitigations, operational activities, physical controls (BMPs); and describe pollutant monitoring that will be used to prevent the discharge of pollutants into the waters of the United States for the duration of a construction project. On ADOT construction projects, the contractor prepares the SWPPP as a first step in obtaining Arizona Construction General Permit (AZCGP) or Federal Construction General Permit (FCGP) authorization. The SWPPP is a living document that requires continual updating to document changes in the project and/or BMPs, inspections and other pertinent information.

SWPPP preparation time varies depending upon project size and complexity. Typical preparation time is about 3 days, but could take much longer (e.g. 2 weeks). ADOT Standard Specification 104.09.B.3 requires submittal of a draft SWPPP within 14 days of the designated Erosion Control Coordinator (ECC) approval. Accordingly, the contractor is advised to allow sufficient time to prepare the SWPPP and apply for AZCGP authorization to meet project start dates.

The contractor is strongly encouraged to use the ADOT Construction SWPPP Template and the instructions available at [http://www.azdot.gov/Inside\\_ADOT/OES/Water\\_Quality/Stormwater/Other\\_Resources.asp](http://www.azdot.gov/Inside_ADOT/OES/Water_Quality/Stormwater/Other_Resources.asp). This template provides detailed, step-by-step instructions for preparing an SWPPP including suggested text and example text of the information required. A Construction SWPPP Checklist is included in Appendix A of the Template. The SWPPP Template Table of Contents is shown below as an introduction to the SWPPP Template and the information necessary to complete the template.

### 4.2 ADOT CONSTRUCTION SWPPP TEMPLATE TABLE OF CONTENTS

#### AMENDMENT LOG

##### 1. INTRODUCTION

###### 1.1 Project Operators

###### 1.2 Incorporated References

###### 1.3 List of Acronyms

##### 2. PROJECT INFORMATION

###### 2.1 Project Description

###### 2.1.1 Receiving Waters and Unique Site Features

###### 2.1.2 Pollution Prevention Plan Implementation Schedule

###### 2.1.3 Total Site Area and Total Disturbed Area

###### 2.1.4 Runoff Coefficients, Soil Data, and Discharge Quality

###### 2.2 Site Map

###### 2.3 Authorized Discharges

###### 2.3.1 Allowable Stormwater Discharges

###### 2.3.2 Allowable Non-stormwater Discharges

###### 2.4 Potential Sources of Pollutants

##### 3. EROSION, SEDIMENT, AND OTHER CONTROLS

###### 3.1 Structural Controls

###### 3.1.1 Soil Stabilization

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- 3.1.2 Scheduling and Documentation of Stabilization Efforts
- 3.1.3 Sediment and Concentrated Flow Controls
- 3.1.4 Postconstruction Stormwater Management Measures
- 3.1.5 Structures Located in Floodplains

### **3.2 Support Activity Discharge Controls**

### **3.3 Nonstructural BMPS**

- 3.3.1 Good Housekeeping
- 3.3.2 Spill Control and Response
- 3.3.3 Training
- 3.3.4 Preventive Maintenance
- 3.3.5 Inspections

## **4. MAINTENANCE OF CONTROLS**

## **5. INSPECTIONS**

### **5.1 Inspection Frequency and Protocols**

### **5.2 Inspection Reporting Procedures and Documentation**

## **6. SWPPP MODIFICATIONS AND DOCUMENTATION**

### **6.1 Maintaining Updated SWPPP**

### **6.2 Public Notification and SWPPP Documentation**

## **7. AZPDES AND OTHER PERMIT REQUIREMENTS**

### **7.1 Copy of Construction General Permit (AZPDES)**

### **7.2 Applicable State, Federal, or Local Plans**

## **8. MONITORING AND REPORTING**

### **8.1 Monitoring Plan**

### **8.2 Reporting and Recordkeeping**

## **9. SWPPP CERTIFICATION**

### **9.1 SWPPP Certification**

### **9.2 SWPPP Approval**

## **APPENDIX A ADEQ Construction SWPPP Checklist**

## **APPENDIX B-1 Site Maps and/or Plan Sheets**

## **APPENDIX B-2 Soils Data/Discharge Data (if applicable)**

## **APPENDIX C SWPPP Index Sheet, Descriptive BMPs, and Erosion and Sediment Control Plan BMP Detail Sheets**

## **APPENDIX D Grading and Stabilization Record**

## **APPENDIX E Spill Report**

## **APPENDIX F Appendix F-1: Construction Site Inspection Log**

### **Appendix F-2: Stormwater Monitoring Log**

### **Appendix F-3: Compliance Evaluation Report**

## **APPENDIX G BMP Maintenance and Repair Documentation**

## **APPENDIX H Monitoring Plan**

## **APPENDIX I Notice of Intent/ADEQ Authorization/ECC Certificate**

## **APPENDIX J Copy of the AZCGP and Optional Copy of Section 404 Permits**

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**4.3 PERMIT RELATED DOCUMENTS**

Refer to Chapter 3 of this manual, Table 3.2 “Documents to be Retained on the Job Site with the SWPPP” for a list of permit related documents to include with the SWPPP.

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