

**Arizona Department of Transportation
Annual Report Abstract for
MS4 Permit AZS0000018-2015**

Due to permit reissuance and review activities occurring during the reporting period, ADEQ did not require submittal of an ADOT MS4 Annual Report for ADOT for FY 2021. The following abstract is intended to satisfy recordkeeping and public information requirements for ADOT's Stormwater Management Program in an abbreviated format.

Part 1: General Information

Reporting Period: July 1, 2020– June 30, 2021

MS4 Program Contact: Eileen Dunn, MS, CPMSM

Title: Water Resources Manager

Mailing Address: 205 S. 17th Ave., Mail Drop EM02

City: Phoenix Zip: 85007 Phone: 602-245-0725

Email Address: EDunn@azdot.gov

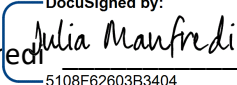
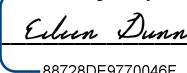
Name of Certifying Official: Julia Manfredi, CPESC, CPSWQ
(Section 14.3 of this permit)

Title: Environmental Programs Manager

Mailing Address: Same as above

City: _____ Zip: _____ Phone: 602-712-7947

Email Address: JManfredi@azdot.gov

As the Certifying Official, Julia Manfredi  DocuSigned by:
5108F62603B3404..., I hereby duly authorize the Water Resources Manager, Eileen Dunn  DocuSigned by:
88728DE9770046F..., to be a representative and signatory on the Arizona Department of Transportation Annual Report Form, MS4 Permit AZS0000018-2015.

Part 2: Annual Report Certification

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 assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

DocuSigned by:
Edwin Dunn
88728DE9770046F

Signature of Certifying Official

10/12/2021

Date

Part 3: Narrative Summary of Stormwater Management Program Activities

- 1) **Addition of New Control Measures (Part 4.1.4.1):** *None during the current reporting period.*
- 2) **Addition of Temporary or Experimental Control Measures (Part 4.1.4.2):** *None during the current reporting period.*
- 3) **Increase of Existing Control Measures (Part 4.1.4.3):** *None during the current reporting period.*
- 4) **Replacement of Existing Control Measures (Part 4.1.4.4):** *None during the current reporting period.*
- 5) **Discontinuing or Decreasing an Existing Control Measure (Part 4.1.4.5):** *None during the current reporting period.*

A. Mapping the MS4 Program - Stormwater Sewer System, Outfall Inventory, and mapping status update.

No MS4 mapping was conducted during the current reporting period.

B. Summarize Illicit Discharge, Detection and Elimination (IDDE) program activities.

- Describe any changes in authority. *None during the current reporting period.*
- IDDE Trainings. *IDDE training material is incorporated into ADOT's Stormwater Awareness, Environmental Awareness, and Storm Sewer and Highway Maintenance courses. The number of trainings successfully completed for these courses during the current reporting period is on file with ADOT Water Resources and is available upon request.*
- Outfall Inspections and tracking systems, includes reporting and any follow-up activities. *ADOT inspected over 20% of priority outfalls during the current reporting period. Tracking information on inspection findings and follow-up was collected in a spreadsheet. The associated outfall identification information, inspection reports, and tracking information are on file with ADOT Water Resources and are available upon request.*
- Illicit discharge prevention activities. *ADOT personnel within the Districts statewide are provided training via multiple courses to identify, investigate, and respond to potential illicit discharges. In addition, ADOT tracks IDDE locations and cases to assist in identifying chronic or repeat violators. No chronic or repeat violators were identified during the current reporting period.*
- Outfall inspection and field screening procedures and significant findings. *Over 20% of priority outfalls were inspected by qualified ADOT environmental personnel during the current reporting period using the Dry Weather Screening method. Inspection reports, photos of observed issues, and significant findings are on file with ADOT Water Resources and are available upon request.*

- Number of illicit discharges identified and resolutions. *Records of illicit discharge investigations and resolutions during the current reporting period are on file with ADOT Water Resources and are available upon request.*
- Complaint driven inspections and investigations. *Records of illicit discharge investigations and resolutions during the current reporting period are on file with ADOT Water Resources and are available upon request.*
- IDDE field screening program and investigations - including identified source identification, and any resolutions/corrective or enforcement actions, including those reported to other jurisdictions for follow-up. *Coordination with local maintenance units and operations management is ongoing to address issues that were identified during field screening and discharge investigations. During the current reporting period, no corrective or enforcement actions were necessary for illicit discharge cases.*
- Spills within permit area. *Information on highway spills for the permit term, as reported from ADOT's Hazardous Materials Response team and District maintenance units, is on file with ADOT Water Resources and is available upon request.*
- Describe updates to Dry Weather Screening Manual. *None during the current reporting period.*
- Describe updates to Stormwater Monitoring Guidance Manual. *ADOT's stormwater monitoring program Quality Assurance Manual was updated in August 2020 and is available on the ADOT Water Resources web page.*
- Describe updates to Enforcement Response Plan (ERP). *The ADOT ERP was updated in December 2020 and is available on the ADOT Water Resources web page.*

C. Construction Program Activities

- Trainings for construction and post-construction. *ADOT and its contractors are trained on construction-specific control measures through the Arizona Chapter Associated General Contractors, Erosion Control Coordinator Training courses. ADOT's Stormwater Awareness, Environmental Awareness, and Storm Sewer and Highway Maintenance courses also include information on control measure maintenance for the post-construction period. The number of trainings successfully completed for these courses during the current reporting period is on file with ADOT Water Resources and is available upon request.*
- Annual updated inventory of construction activities. *The inventory of ADOT construction activities for the current reporting period is on file with ADOT Water Resources and is available upon request.*
- Status of inventory/plan review of these facilities. *Information on inventory/plan review for the current reporting period is on file with ADOT Water Resources and is available upon request.*

- An overview of inspection findings and significant findings. *Stormwater inspection reports and documentation of follow-up activities are stored on-site for each construction project within the Stormwater Pollution Prevention Plan, as applicable. Inspection findings for the current reporting period are on file with ADOT Water Resources and are available upon request.*
- Corrective and enforcement actions needed and taken in response to construction inspections. *None during the current reporting period.*
- Summary of any new post-construction controls for discharges from new development and redevelopment ADOTs projects. *None during the current reporting period.*
- An overview of the ADOT's post-construction inspection program. *Post-construction controls are inspected and maintained as needed by local District Maintenance units. ADOT's maintenance tracking system, PeCos, records when drainage or drainage-related activities are conducted. Information on maintenance inspections during the current reporting period is on file with ADOT Water Resources and is available upon request.*
- Annual updated inventory of post-construction water quality control (PCWQC) measures/BMPs. *The inventory of PCWQC features for the current reporting period is on file with ADOT Water Resources and is available upon request.*
- Corrective and enforcement actions needed and taken in response to post-construction inspections. *None during the current reporting period.*
- Summary of any new or revised post-construction requirements issues. *None during the current reporting period.*
- Describe updates to Erosion and Pollution Control Manual. *The Erosion and Pollution Control Manual was updated in December 2020 and is available on the ADOT Water Resources web page.*
- Describe updates to Post-Construction BMP Inventory/Manual. *None during the current reporting period.*

D. Measures to Control Discharges for Roadways

- Trainings. *Material on control measures for discharges associated with the highway system is incorporated into ADOT's Stormwater Awareness, Environmental Awareness, and Storm Sewer and Highway Maintenance courses. The number of trainings successfully completed for these courses during the current reporting period is on file with ADOT Water Resources and is available upon request.*
- Summary of roadway and stormwater sewer repairs, maintenance schedules and priorities, inspections, control measures, cleaning, vegetation management. *ADOT's maintenance tracking*

system, PeCos, records highway maintenance resource utilization. Information on maintenance activities related to the stormwater program during the current reporting period is on file with ADOT Water Resources and is available upon request.

- Updates to roadway BMPs. *None during the current reporting period.*
- Pollution Prevention and Control Measures for Pesticides and Fertilizer Applications in ROWs. *Pollution prevention and control measures for pesticide application are described in ADOT's Roadside Vegetation Management Guidelines (<https://azdot.gov/business/environmental-planning/biology/roadside-vegetation-management-guidelines>). Control measures for fertilizer use are stipulated in the seeding specification (ITEM 8050003) for construction projects and are subject to field verification procedures including inspection of seeding materials and techniques. .*
- Erosion Abatement Projects. *Information on federally-funded construction projects within the ADOT highway system addressing erosion issues during the current reporting period is on file with ADOT Water Resources and is available upon request.*
- Status of Retrofit Updates. *During the current reporting period, ADOT continued its Sustainable Transportation and Resilience Programs. Information on these programs is available at <https://azdot.gov/business/environmental-planning/programs/sustainable-transportation>.*
- Winter Storm Policies. *During the current reporting period, updates in winter storm best practices were conveyed at the annual ADOT Winter Readiness Workshop. This workshop is mandatory for all ADOT CDL snowplow operators (approximately 450 employees). The workshop informs and refreshes snowplow operators of best practices to control discharges, with a focus on equipment calibration, snowplow techniques, housekeeping measures, and the use of appropriate de-icing and anti-icing materials based on site-specific conditions. ADOT's Winter Storm Management Operations Manual is available online at <https://azdot.gov/business/environmental-planning/programs/winter-storm-management>).*

E. Summarize public awareness activities including outreach and education/public participation activities

- Summarize outreach events, topics, number of events, number of people reached, number and type of materials distributed, and target groups. *Information on public awareness and outreach activities during the current reporting period is on file with ADOT Water Resources and is available upon request.*
- Public access to stormwater documents. *Stormwater documents are available to the public on ADOT's Water Resources website (<http://www.azdot.gov/business/environmental-planning/water-resources>). In addition, requests for stormwater information can be submitted via ADOT's website at https://apps.azdot.gov/contact_adot/.*

- Identify activities, number of people involved, number and type of materials distributed if applicable. *Information on public awareness and outreach activities during the current reporting period is on file with ADOT Water Resources and is available upon request.*
- Describe MS4 procedures for public reporting of spills, dumping, discharges, and related stormwater issues. *Several methods of reporting spills, dumping, discharges, and related stormwater issues within ADOT's MS4 are available to the public. Stormwater issues can be reported through ADOT's Contact Us and Feedback web forms (https://apps.azdot.gov/contact_adot/), and dumping and litter can be reported via the Litter Hotline (877.354.8837), online (<https://litter.az.gov/>), or through ADOT's 511 travel information system. In addition, ADOT Water Resources staff contact information is provided online (<https://azdot.gov/business/environmental-planning/water-resources/contact-water-resources>) for general public inquiries and reporting.*

F. ADOT Facilities

- Trainings. *Facilities trainings are incorporated into ADOT's Stormwater Awareness and Environmental Awareness courses. The number of trainings successfully completed for these courses during the current reporting period is on file with ADOT Water Resources and is available upon request.*
- Status of inventory/prioritization of ADOT facilities. *The inventory/risk prioritization of ADOT facilities for the current reporting period is on file with ADOT Water Resources and is available upon request.*
- Annual updated inventory of ADOT facilities. *The inventory of ADOT facilities for the current reporting period is on file with ADOT Water Resources and is available upon request.*
- Update/changes to the SWMP procedures for maintenance and facilities BMPs. *None during the current reporting period.*
- Summary of inspection findings. *Facility inspections are ongoing for compliance under each site's respective pollution prevention plans. Inspections are tracked and documented at the individual facilities. Inspection reports indicated that BMP maintenance and housekeeping were generally kept in compliance with plans. Facility inspection information for the current reporting period is on file with ADOT Water Resources and is available upon request.*
- Describe updates to Maintenance and Facilities BMP Manual. *During the current reporting period, a project to update the Maintenance and Facilities BMP Manual was underway. The updated manual is expected to be released in FY 2022.*
- Representative Outfalls, including a discussion of essentially identical outfall(s) if applicable incorporating outfall ID, outfall location, drainage area [ft²], runoff coefficient of drainage area [%]. *Outfall information and monitoring data for these locations are on file with ADOT Water Resources and are available upon request.*

G. Description of any new or revised policies related to stormwater management, if applicable. *None during the current reporting period.*

H. Instances of Other Non-Compliance (part 14.18.6): *None during the current reporting period.*

Part 4: Numeric Summary of Statewide Stormwater Management Program Activities

The number of BMPs performed each year for the current reporting period and other data presented in Part 4 of previous Annual Reports are on file with ADOT Water Resources and are available upon request.

Part 5: Evaluation of the SWMP and SWMP Modifications

No modifications were made to the SWMP during the current reporting period due to the ongoing Permit renewal. It is anticipated that the SWMP will be substantially revised to comply with the new ADOT MS4 Permit that was issued in June 2021.

Part 6: Storm Event Records

Storm event records for the Summer 2020 and Winter 2020/2021 wet seasons are on file with ADOT Water Resources and are available upon request. .

Part 7: Summary of Monitoring Data

- **Maintenance Facilities located within ¼ miles of an impaired water or OAW (Part 12.3):** *Monitoring data, site information, and lab reports for maintenance facilities within ¼ mile of an impaired water or OAW for the Summer 2020 and Winter 2020/2021 wet seasons are on file with ADOT Water Resources and are available upon request. .*
- **Wet Weather Monitoring at Outfalls in Phoenix, Tucson, Sedona, Nogales and Flagstaff (Part 12.4.2):** *Monitoring data, site information, lab reports, and sampling event data for wet weather monitoring outfalls for the Summer 2020 and Winter 2020/2021 wet seasons are on file with ADOT Water Resources and are available upon request. .*

Part 8: Assessment of Monitoring Results

- A. Stormwater Quality: *Sampling location, collection date, and laboratory report information for all sampling events for the Summer 2020 and Winter 2020/2021 wet seasons are on file with ADOT Water Resources and are available upon request.*

- B. Surface Water Quality Standards (SWQS): *An evaluation of trends in the monitoring data for the Summer 2020 and Winter 2020/2021 wet seasons is on file with ADOT Water Resources and is available upon request.*
- C. Pollutant Concentration Greater than Applicable SWQS: *Data for SWQS exceedances identified during the Summer 2020 and Winter 2020/2021 wet seasons are on file with ADOT Water Resources and are available upon request.*
- D. Total Maximum Daily Loads: *During the current reporting period, ADOT continued a research project to investigate TMDLs for which ADOT is listed as a contributor. The project is anticipated to take approximately two years to complete. Based on the research project findings, monitoring results, pollutant sources, and site specific conditions, ADOT will identify and implement BMPs to mitigate any demonstrated ADOT contribution to the TMDL receiving waters.*
- E. Reference(s), if applicable. *None.*

Part 9: Annual Expenditures

Expenditures associated with implementing and maintaining the Stormwater Management Program and funding source for the current reporting period are on file with ADOT Water Resources and are available upon request.

Part 10: Attachments/ Appendices

Data included as attachments or appendices in previous Annual Reports are on file with ADOT Water Resources and are available upon request.

Part 11: Other Reporting Requirements

1. **First Year** - *Not applicable*
2. **Fourth Year**- *Not applicable*