

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY



AZPDES SMALL MS4 ANNUAL REPORT

LTF ID #: 91719

Report #: 153880

(520) 628-6733

AZPDES SMALL MS4 ANNUAL REPORT - SUMMARY

Company:

Name: CITY OF PRESCOTT

Question: Which permit/registration/certificate is this report for?

Answer: 07/01/2024 - 06/30/2025

Question: Did you assess and evaluate the Stormwater Management Program (SWMP) as part of preparing the Annual Report, per permit Section 4.0?

Answer: Yes

Question: Did you have another entity implement control measures on behalf of the MS4 per permit Section 6.0(2)? If Yes, identify the entity and give a brief explanation of their involvement.

Answer: No

Question: Did you provide outreach and education to the public on the stormwater program issues and requirements, per permit Section 6.1(1)?

Answer: Yes

Identify the target group for outreach and education:

Schools

Identify the topic(s) for the target group:

Stormwater runoff issues and residential stormwater management practices

Potential impacts of animal waste on water quality and the need to clean up and properly dispose of pet waste to minimize runoff of pollutants in stormwater

Illicit discharges and illegal dumping, proper management of non-stormwater discharges, and to provide information on reporting spills, dumping, and illicit discharges

Community activities (monitoring programs, environmental protection organization activities, etc.)

Describe how the message was conveyed to the target group:

4/24/25 - 5th grade field trip to the airport WRF. Hosted an educational booth covering the topics of MS4 overview, water quality, and watershed health.

Describe measures/methods used to assess the effectiveness of the message conveyed to the target group:

Solicited feedback and engagement during presentations and tracked the amount of waste bags/outreach material given out.

Identify the target group for outreach and education:

General Public

Identify the topic(s) for the target group:

Stormwater runoff issues and residential stormwater management practices

Potential water quality impacts of application of pesticides, herbicides and fertilizer and control measures to minimize runoff of pollutants in stormwater

Potential impacts of animal waste on water quality and the need to clean up and properly dispose of pet waste to minimize runoff of pollutants in stormwater

Illicit discharges and illegal dumping, proper management of non-stormwater discharges, and to provide information on reporting spills, dumping, and illicit discharges

Spill prevention, proper handling and disposal of toxic and hazardous materials, and measures to contain and minimize discharges to the storm sewer system

Proper management and disposal of used oil

Community activities (monitoring programs, environmental protection organization activities, etc.)

Describe how the message was conveyed to the target group:

4/19/25 - Hosted an educational booth at the Prescott Earth day event. Topics included MS4 overview, pollution prevention, pet waste management. 400 impressions.

Describe measures/methods used to assess the effectiveness of the message conveyed to the target group:

Tracked the number of educational resources and pet waste dispensers given out.

Identify the target group for outreach and education:

General Public

Identify the topic(s) for the target group:

Stormwater runoff issues and residential stormwater management practices

Potential impacts of animal waste on water quality and the need to clean up and properly dispose of pet waste to minimize runoff of pollutants in stormwater

Illicit discharges and illegal dumping, proper management of non-stormwater discharges, and to provide information on reporting spills, dumping, and illicit discharges

Community activities (monitoring programs, environmental protection organization activities, etc.)

Describe how the message was conveyed to the target group:

4/19/25 - Granite Creek clean up throughout the Granite Creek corridor within the MS4. 470 impressions.

Describe measures/methods used to assess the effectiveness of the message conveyed to the target group:

Amount of trash collected was tracked and weighed.

Identify the target group for outreach and education:

Schools

Identify the topic(s) for the target group:

Stormwater runoff issues and residential stormwater management practices

Potential impacts of animal waste on water quality and the need to clean up and properly dispose of pet waste to minimize runoff of pollutants in stormwater

Illicit discharges and illegal dumping, proper management of non-stormwater discharges, and to provide information on reporting spills, dumping, and illicit discharges

Community activities (monitoring programs, environmental protection organization activities, etc.)

Describe how the message was conveyed to the target group:

12/13/24 - Homeschool group field trip to the airport WRF. Presented a station on the topics of water quality and an MS4 overview.

Describe measures/methods used to assess the effectiveness of the message conveyed to the target group:

Solicited feedback and engagement during presentations and tracked the number of dog waste bags given out.

Identify the target group for outreach and education:

Schools

Identify the topic(s) for the target group:

Illicit discharges and illegal dumping, proper management of non-stormwater discharges, and to provide information on reporting spills, dumping, and illicit discharges

Community activities (monitoring programs, environmental protection organization activities, etc.)

Describe how the message was conveyed to the target group:

12/12/24 - Pop-up cleanup for the National honor society on Miller Creek. 4 impressions

Describe measures/methods used to assess the effectiveness of the message conveyed to the target group:

Metrics tracked for amount of trash bags filled, and large items collected.

Identify the target group for outreach and education:

Schools

Identify the topic(s) for the target group:

Stormwater runoff issues and residential stormwater management practices

Potential impacts of animal waste on water quality and the need to clean up and properly dispose of pet waste to minimize runoff of pollutants in stormwater

Illicit discharges and illegal dumping, proper management of non-stormwater discharges, and to provide information on reporting spills, dumping, and illicit discharges

Community activities (monitoring programs, environmental protection organization activities, etc.)

Describe how the message was conveyed to the target group:

11/19/24 - Presentation station at a 9th grade field trip to the Airport WRF. Topic of station was water quality, impacts of pet waste, and MS4 overview. 50 impressions.

Describe measures/methods used to assess the effectiveness of the message conveyed to the target group:

Solicited engagement and feedback during presentations and tracked metrics of waste dispensers given.

Identify the target group for outreach and education:

Schools

Identify the topic(s) for the target group:

Stormwater runoff issues and residential stormwater management practices

Potential impacts of animal waste on water quality and the need to clean up and properly dispose of pet waste to minimize runoff of pollutants in stormwater

Community activities (monitoring programs, environmental protection organization activities, etc.)

Describe how the message was conveyed to the target group:

Volunteered at project WET festival. Presented on water quality and conservation by facilitating a project WET station. Approximately 450 impressions.

Describe measures/methods used to assess the effectiveness of the message conveyed to the target group:

Solicited feedback and engagement during presentations and tracked impression metrics.

Identify the target group for outreach and education:

General Public

Identify the topic(s) for the target group:

Stormwater runoff issues and residential stormwater management practices

Community activities (monitoring programs, environmental protection organization activities, etc.)

Describe how the message was conveyed to the target group:

9/24/24 - State of the Verde Presentation and panel discussion regarding green stormwater infrastructure. 50 impressions.

Describe measures/methods used to assess the effectiveness of the message conveyed to the target group:

Panel discussion and audience feedback.

Identify the target group for outreach and education:

Schools

Identify the topic(s) for the target group:

Stormwater runoff issues and residential stormwater management practices

Potential water quality impacts of application of pesticides, herbicides and fertilizer and control measures to minimize runoff of pollutants in stormwater

Potential impacts of animal waste on water quality and the need to clean up and properly dispose of pet waste to minimize runoff of pollutants in stormwater

Community activities (monitoring programs, environmental protection organization activities, etc.)

Describe how the message was conveyed to the target group:

9/9/24 - Prescott College Restoration Ecology course. GSI infrastructure overview and discussion with an emphasis on water quality, flooding, ecosystem and community health. Field work at Acker Basin and Penn-Eastwood basin. Native plant restoration conducted at the Penn-Eastwood Basin. 10 impressions.

Describe measures/methods used to assess the effectiveness of the message conveyed to the target group:

Feedback and engagement were solicited from students throughout and at the close of the session.

Identify the target group for outreach and education:

Schools

Identify the topic(s) for the target group:

Potential water quality impacts of application of pesticides, herbicides and fertilizer and control measures to minimize runoff of pollutants in stormwater

Potential impacts of animal waste on water quality and the need to clean up and properly dispose of pet waste to minimize runoff of pollutants in stormwater

Community activities (monitoring programs, environmental protection organization activities, etc.)

Describe how the message was conveyed to the target group:

8/30/24 - Prescott College Restoration Ecology Class at Granite Creek Park. Hands on surface water quality testing and metrics discussion. Measuring the health of Granite Creek through the park. 10 impressions.

Describe measures/methods used to assess the effectiveness of the message conveyed to the target group:

Solicited feedback and discussion from the students throughout and at completion of course.

Identify the target group for outreach and education:

General Public

Identify the topic(s) for the target group:

Stormwater runoff issues and residential stormwater management practices

Potential water quality impacts of application of pesticides, herbicides and fertilizer and control measures to minimize runoff of

pollutants in stormwater

Potential impacts of animal waste on water quality and the need to clean up and properly dispose of pet waste to minimize

runoff of pollutants in stormwater

Illicit discharges and illegal dumping, proper management of non-stormwater discharges, and to provide information on

reporting spills, dumping, and illicit discharges

Spill prevention, proper handling and disposal of toxic and hazardous materials, and measures to contain and minimize

discharges to the storm sewer system

Installation of catch basin markers or stenciling of storm sewer inlets to minimize illicit discharges and illegal dumping to storm

sewer system

Proper management and disposal of used oil

Community activities (monitoring programs, environmental protection organization activities, etc.)

Describe how the message was conveyed to the target group:

8/10/24 - Hosted an information and interactive booth at the Prescott farmer's market. Providing information on illicit

discharge, pollution prevention, pet waste management, storm drain markers and various stormwater outreach material. 100

impressions.

Describe measures/methods used to assess the effectiveness of the message conveyed to the target

group:

Metrics were tracked for number of pet waste bags and outreach material that was handed out to the public.

Identify the target group for outreach and education:

Schools

Identify the topic(s) for the target group:

Stormwater runoff issues and residential stormwater management practices

Potential water quality impacts of application of pesticides, herbicides and fertilizer and control measures to minimize runoff of

pollutants in stormwater

1110 W.Washington Street . Phoenix, AZ 85007

Potential impacts of animal waste on water quality and the need to clean up and properly dispose of pet waste to minimize

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runoff of pollutants in stormwater

Community activities (monitoring programs, environmental protection organization activities, etc.)

Describe how the message was conveyed to the target group:

Beginning of a multi semester storm water and ecology project at the Penn-Eastwood stormwater detention basin with the Skyview 6th grade intensive. The message was conveyed through both didactic and field settings. Utilizing visual and analytical observations of the project area, and surface water on site. Students were taught then encouraged to design and implement an ecological and storm water improvement plan. • 8/5/24 – Water quality influences and green storm infrastructure interactive presentation to Skyview School 6th grade. 27 impressions • 8/19/24 – Water quality, percolation, and stormwater infrastructure site visit for field sampling. 26 impressions. • 8/28/24 - Surface water metrics and ecological influence in GSI. 26 impressions • 11/05/24 – Role of native vegetation for water quality and ecosystem health within GSI. 27 impressions. • 12/18/24 – Performing storm water quality monitoring and discussion of vegetation management plan to improve water quality within the basin. 25 impressions. • 2/26/25 – Vegetation management plan creation considering functionality of retention basins. Classroom setting, 26 impressions. • 4/21/25 – Willow and Cottonwood pole harvesting and Willow Lake for relocation to Penn-Eastwood basin for phytoremediation. 18 impressions. • 5/14/25 – Planting Day/project close out with Skyview school 6th grade intensive. Placement of native trees, grasses, and shrubs for phytoremediation within the storm water detention basin. 25 impressions.

Describe measures/methods used to assess the effectiveness of the message conveyed to the target group:

Feedback from teachers and students were solicited throughout both semesters to gauge the effectiveness of methodology. Students were given the opportunity to create a vegetation management plan based on what they had learned throughout the project, and did so with success, considering stormwater quality, quantity, and over all ecological conditions of the stormwater detention basin.

Question: Did you provide outreach and education to the public on the stormwater program issues and requirements, per permit Section 6.1(2)?

Answer: Yes

Identify the target group for outreach and education:

Community/Home Owner Association

Identify the topic(s) for the target group:

Planning ordinances and grading and drainage design standards for stormwater management in new developments and significant redevelopments

Illicit discharges and proper management of non-stormwater discharges

Water quality impacts associated with land development (including new construction and redevelopment)

Describe how the message was conveyed to the target group:

5/29/25 - Public presentation and Q&A to the HOA at Manzanita Village. Topics included stormwater management, MS4 overview, flood control, bioremediation and integrated pest management at GSI sites. 22 Impressions.

Describe measures/methods used to assess the effectiveness of the message conveyed to the target group:

Solicited feedback at close of the presentation, then follow up email with the organizer to review reception and understanding of the group post-presentation.

Identify the target group for outreach and education:

Targeted Sources or Types of Businesses (industrial or commercial)

Identify the topic(s) for the target group:

Illicit discharges and proper management of non-stormwater discharges

Spill prevention, proper handling of toxic and hazardous materials, and measures to contain and minimize discharges to the storm sewer system

Proper management and disposal of used oil and other hazardous or toxic materials, including practices to minimize exposure of materials/wastes to rainfall and minimize contamination of stormwater runoff

Stormwater management practices, pollution prevention plans, and facility maintenance procedures

Describe how the message was conveyed to the target group:

5/16/2025 - Downtown restaurant canvassing to provide information on the MS4 and BMPs related to the restaurant industry. 12 impressions.

Describe measures/methods used to assess the effectiveness of the message conveyed to the target group:

Tracked the amount of restaurant stormwater specific informational flyers handed out and solicited engagement during interactions.

Question: Did you post the SWMP and the current Annual Report on your website, per

permit Section 6.2(1)?

Answer: Yes

Upload the SWMP.

File Name: Prescott FY25 MS4 Annual Report supporting documentation.docx

Question: Did you provide and publicize a reporting system to facilitate and track public reporting of spills, discharges and/or dumping to the MS4 on a continuous basis, per permit Section 6.2(4)?

Answer: Yes

Question: Provide a narrative description of the status of the storm sewer mapping, per permit Section 6.3(1).

Answer: The City's IT/GIS Department maintains the stormdrain mapping system. This is updated on a continuous basis as capital improvement projects and private projects are finalized. As-Built Enginieering plan sets are digitized and added to the mapping system. Stormwater staff also have the ability to add and/or edit stormdrain features using a handheld tablet in the field. In addition to traditional stormdrain point and lines the City also has 1 foot contour data andlong with Flow-2D modeling to illustrate flow rates, volumes and depts across the entire City. I would estimate stormdrain mapping is 90% complete knowing that it is an ongoing and continual process for the City.

Question: Did you establish an ordinance or other regulatory mechanism for enforcement procedures of the Illicit Discharge Detection & Elimination (IDDE) Program, per permit Section 6.3(2)?

Answer: Yes

What is the citation of the ordinance or other regulatory mechanism to prohibit non-stormwater discharges into the MS4?

1110 W.Washington Street . Phoenix, AZ 85007

CHAPTER 16-5: 2007 CITY OF PRESCOTT ILLEGAL DISCHARGE AND ILLEGAL CONNECTION STORMWATER CODE

https://www.codepublishing.com/AZ/Prescott/#!/Prescott16/Prescott165.html#16-5

Question: Did you establish or update the Statement of IDDE Program Responsibilities, per permit Section 6.3(3)?

Answer: Yes

Provide IDDE activities in a tabular format, per permit Section 6.3(4).

File Name: MS4_IDDE_Reporting_Template.xlsx

Question: Did you visually monitor at least 20% of all outfalls during the permit year, per permit Section 6.3(7)?

Answer: Yes

Question: Did you identify indicators of IDDE Program progress or success, per permit Section 6.3(8)?

Answer: Yes

Question: Did you provide annual staff training, per permit Section 6.3(9)?

Answer: Yes

How many staff

9

attended?:

5/20/2025 Fleet Services: General Stormwater Awareness, IDDE and

Good Housekeeping.

How many staff

attended?:

24

What was the topic?:

What was the topic?:

6/5/2025 Streets Maintenance Staff: General Stormwater Awareness,

IDDE and Good Housekeeping.

How many staff 10

attended?:

What was the 6/19/2025 Public Works and Building Inspectors: General Stormwater

topic?: Awareness (MCM 4 focus), IDDE and Good Housekeeping.

How many staff

attended?:

29

What was the topic?:

6/25/2025 Solid Waste Staff: General Stormwater Awareness, IDDE and

Good Housekeeping.

Question: Did you establish an ordinance or other regulatory mechanism for enforcement procedures of the Construction Activity Stormwater Runoff Control Program, per permit Section 6.4(2)(a)?

Answer: Yes

What is the citation of the ordinance or other regulatory mechanism to prohibit nonstormwater discharges into the MS4?

CHAPTER 16-4: 2007 CITY OF PRESCOTT CONSTRUCTION SITE EROSION AND SEDIMENT CONTROL REGULATIONS CODE

Question: Did you implement a construction site inventory, per permit Section 6.4(2)(b)?

Answer: Yes

Question: Did you develop written procedures for site plan review, per permit Section 6.4(2)(c)?

Answer: Yes

Question: Did you implement written procedures for site inspections and enforcement control measures, per permit Section 6.4(2)(f)?

Answer: Yes

How many construction site inspections were done?: 588

(602) 771-2300

Question: Did you develop and implement an educational program focused on erosion and sediment control for construction operators, per permit Section 6.4(2)(h)?

Answer: Yes

Question: Did you develop and implement a program requiring construction operators to control wastes from their sites, per permit Section 6.4(2)(i)?

Answer: Yes

Question: Did you implement procedures to receive and act on information submitted by the public (complaints), per permit Section 6.4(4)?

Answer: Yes

Question: Did you implement a program that includes a combination of structural and non-structural BMPs, per permit Section 6.5(1)?

Answer: Yes

Question: Did you establish an ordinance or other regulatory mechanism for enforcement procedures of the Post-Construction Stormwater Management, per permit Section 6.5(2)?

Answer: Yes

What is the citation for the ordinance or other regulatory mechanism to address post-construction runoff from new development and redevelopment projects?

CHAPTER 16-6: 2007 CITY OF PRESCOTT POST CONSTRUCTION STORMWATER RUNOFF CODE

Question: Did you implement a program to prevent or minimize impacts to water

quality from stormwater runoff of new development and redevelopment sites, per permit Section 6.5(2)?

Answer: Yes

Question: Did you implement procedures for site plan review, per permit Section 6.5(3)?

Answer: Yes

Question: Did you implement an inventory of post construction site structural stormwater control measures installed within the MS4, per permit Section 6.5(4)?

Answer: Yes

Question: Did you implement a program to ensure the long-term operation and maintenance of post construction BMPs, per permit Section 6.5(5)?

Answer: Yes

Question: Did you implement a program to reduce or eliminate discharges of pollutants from municipal streets, facilities, yards, etc., per permit Section 6.6(1)?

Answer: Yes

Question: Did you implement a program to ensure the long-term operation and maintenance of stormwater BMPs, per permit Section 6.6(2)?

Answer: Yes

Question: Did you develop an inventory of facilities, prioritized based on their risk of discharging non-stormwater, per permit Section 6.6(2)(a)?

Answer: Yes

Question: Did you implement an inspection schedule for prioritized facilities, per permit Section 6.6(2)(c)?

Answer: Yes

Question: Did you implement an annual training program for staff that incorporates pollution prevention and good housekeeping techniques, per permit Section 6.6(2)(f)?

Answer: Yes

How many staff

attended?:

9

What was the topic?:

Fleet Services 5/20/25: General stormwater awareness, IDDE, and good

housekeeping

How many staff

attended?:

24

What was the topic?:

Streets Maintenance Staff 6/5/25: General stormwater awareness. IDDE.

and good housekeeping

How many staff

attended?:

10

What was the topic?:

Public Works and Building Inspectors 6/19/25: General stormwater

awareness, IDDE, and MCM4

How many staff

attended?:

29

What was the

Solid Waste Staff 6/25/25: General stormwater awareness, IDDE, and good

topic?:

housekeeping. MSGP specific requirements also incorporated.

Question: Did you develop maintenance activities, schedules and long-term inspections to reduce floatables, trash and other pollutants from the MS4, per permit Section 6.6(2)(g)?

Answer: Yes

Question: Does the MS4 discharge to a not-attaining water, impaired water, or an

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Outstanding Arizona Water (OAW)?

Answer: Yes

CERTIFICATION OF SUBMISSION

MATTHEW KILLEEN

You validated your identity by answering your personal security question and password on myDEQ at **04:17 PM** on **09/04/2025**. At this time, you certified the summary information above by checking that you agreed to the following statement:

Pursuant to A.R.S. § 41-1030:

An agency shall not base a licensing decision in whole or in part on a licensing requirement or condition that is not specifically authorized by statute, rule or state tribal gaming compact. A general grant of authority in statute does not constitute a basis for imposing a licensing requirement or condition unless a rule is made pursuant to that general grant of authority that specifically authorizes the requirement or condition. This section may be enforced in a private civil action and relief may be awarded against the state. The court may award reasonable attorney fees, damages and all fees associated with the license application to a party that prevails in an action against the state for a violation of this section. A state employee may not intentionally or knowingly violate this section. A violation of this section is cause for disciplinary action or dismissal pursuant to the agency's adopted personnel policy. This section does not abrogate the immunity provided by section 12-820.01 or 12-820.02.

Certify your submission:

By checking this box I certify under penalty of law that this submittal was prepared by me, or under my direction or supervision of personnel appropriately qualified to properly gather and evaluate the information submitted. The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I understand that all information submitted to ADEQ is public record unless otherwise identified by law as confidential. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

(520) 628-6733