



**ARIZONA DEPARTMENT
OF
ENVIRONMENTAL QUALITY**



AZPDES SMALL MS4 ANNUAL REPORT

LTF ID #: 91719

Report #: 89866

Phoenix Office

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AZPDES SMALL MS4 ANNUAL REPORT - SUMMARY

Company:

Name: CITY OF PRESCOTT

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

Answer: 07/01/2022 - 06/30/2023

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:

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

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

Stormwater runoff issues and residential stormwater management practices

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Describe how the message was conveyed to the target group:

240 students of the Prescott Unified School district had a field trip to the City's Airport Water Reclamation Facility. Students learned about the differences between sanitary sewers and storm drain systems. We also identified common pollutants and pollutants of concern in the greater Prescott area. Matt Killeen & Ryan Osborn led the sessions on April 26-27, 2023.

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

Feedback from nature rangers and Prescott Unified School district teachers was sought after the sessions. They evaluated the content as appropriate and engaging.

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:

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

Describe how the message was conveyed to the target group:

1,000 dog waste dispensers were purchased in the reporting year. These dog waste dispensers are placed at popular dog walking locations that are close to our 12 impaired creeks.

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

Animal waste observed initiates doggy bag placement and we visually track presences of dog waste in subsequent days and weeks.

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:

Post-construction ordinances and long-term maintenance requirements for permanent stormwater controls

Illicit discharges and proper management of non-stormwater discharges

Describe how the message was conveyed to the target group:

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A number of other outreach events took place that don't neatly fall into the categories listed here. They were: AZ Water Stormwater Committee presentation on the challenges of adaptive management of Watson Lake and the regulatory obstacles that make its improvements slow to realize. Citizen's Academy - 30 residents enrolled in this program to better understand how their local government works. Public Works hosts and evening and engages with the participants in discussion, a presentation and informational tables. Website redesign - The City created a new website for Water issues, <https://prescottwater.com/watershed-smart-outreach/>, some of our information specific to stormwater was moved to this more user friendly site. Upper Verde Watershed Protection Coalition field trip - this was a presentation done at the Prescott Rodeo Grounds to highlight the Rainwater Harvesting project. This project diverts rooftop runoff to underground chambers for percolation rather than increasing the scour of manure across the rodeo ground. Discussion with neighboring jurisdictions regarding benefits and challenges with the site was thorough.

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

In all of the events participant feedback was sought and generally found to be positive.

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:

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

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

Illicit discharges and proper management of non-stormwater discharges

Describe how the message was conveyed to the target group:

Stormwater staff set up an informational table at the Prescott Farmers Market on May 13. Illicit discharges identification and reporting were emphasized as was green stormwater infrastructure. This accompanied a number of brochures, publications and QR codes for stormwater related education for all ages.

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

People came to the table and engaged in extended conversation.

Identify the target group for outreach and education:

Community/Home Owner Association

Identify the topic(s) for the target group:

Illicit discharges and proper management of non-stormwater discharges

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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

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

Describe how the message was conveyed to the target group:

Earth Day table. The City of Prescott staffed a table at the Earth Day festival on the Courthouse Square. We engaged attendees and their kids with outreach materials specific to stormwater. Cleaning up after pets, first flush and lake safety were emphasized.

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

No definitive method to assess effectiveness. Being present and visible with the messages is important.

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:

Post-construction ordinances and long-term maintenance requirements for permanent stormwater controls

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

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

Describe how the message was conveyed to the target group:

Matt Killeen conducted a 1 hour lunch and learn presentation to the Arizona Floodplain Managers Association about stormwater issues and practices in Prescott on June 29,2023 . Green stormwater infrastructure was emphasized as a valuable tool for stormwater management. 99 members registered for the event, at least 50 were in attendance via Zoom.

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

Feedback from participants was sought.

Question: Did you post the SWMP and the current Annual Report on your website, per permit Section 6.2(1)?

Answer: Yes

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Upload the SWMP.

File Name: fy2023 MS4 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: Stormwater mapping remains >90% complete. Unless there is a serious pause to development we would expect it to remain as such going forward. As construction and development creates and alters the existing stormdrain system those modifications are reflected in As-Built plan sets that are submitted towards the end of the project. City GIS staff digitize that information and add it to the existing database. Stormwater staff are also able to add outfalls as necessary using field based tablets and ArcGIS Collector. The City's GIS staff contracts aerial imagery on a regular basis, most recently in 2022. The City also had a consultant complete a Flow2D analysis for the entire city during this permit lifespan. This has been a useful tool in understanding surface flow patterns and scouring potential.

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?

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

Question: Did you establish or update the Statement of IDDE Program

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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_Prescott_FY23.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 attended?:** 8
- What was the topic?:** Fleet personnel were instructed on General Stormwater awareness, IDDE and good housekeeping.
- How many staff attended?:** 8
- What was the topic?:** PW inspectors were instructed on General Stormwater awareness, IDDE and construction site BMPs.

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 non-

stormwater 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?: 235

How many follow-up actions were necessary (re-inspection, enforcement actions)?: 52

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: No

Please explain why this requirement was not met: Traditionally this was achieved through “Contractors Lunch & Learn” events that the City’s Community Development Department (Chief Building Official) organized. In the post-COVID haze and due to departmental leadership changes those events did not occur. The City will be looking into alternative means of providing educational information to the Contracting community, such as direct (e)mailing those registered in the City’s permit database.

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

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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
<https://www.codepublishing.com/AZ/Prescott/#!/Prescott16/Prescott166.html#16-6>

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

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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

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How many staff attended?: 8

What was the topic?: General Stormwater Awareness and Construction BMPs

How many staff attended?: 8

What was the topic?: Stormwater Awareness & Good Housekeeping for Fleet Services

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 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 **09:36 AM** on **09/19/2023**. At this time, you certified the summary information above by checking that you agreed to the following statement:

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.

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