



**ARIZONA DEPARTMENT
OF
ENVIRONMENTAL QUALITY**



AZPDES SMALL MS4 ANNUAL REPORT

LTF ID #: 96683

Report #: 118367

Phoenix Office

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AZPDES SMALL MS4 ANNUAL REPORT - SUMMARY

Company:

Name: CITY OF BUCKEYE DEPARTMENT OF PUBLIC WORKS

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

Answer: 07/01/2023 - 06/30/2024

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:

Residential Community

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

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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:

The City of Buckeye employed a multi-faceted communication strategy, including email, social media, mailers, and in-person attendance at community events, to effectively disseminate messages, educational materials, and information regarding stormwater pollution prevention to our target demographic.

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

Citizen Reports: Our residents frequently report instances of illegal dumping and debris in the right-of-way, express concerns regarding construction sites and spills. Additionally, following the dissemination of pollution prevention information, we observe an increase in requests for solid waste can repairs or exchanges. Household Hazardous Waste: Residents voluntarily sign up to dispose of their used Household Hazardous Waste items. Publication Views: We are able to track the number of residents who open their emails to access publications related to pollution prevention. Landfill Certificates: Customers have the option to request and receive up to four vouchers annually for the disposal of solid waste at the landfill, free of charge. Bulk Trash: Residents actively participate in quarterly bulk trash collection events.

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:

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

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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:

Commercial establishments are provided with comprehensive educational materials and guidelines outlining stormwater requirements during pre-application conferences (PAC) conducted by various city departments prior to development. These requirements are in accordance with city code and ordinances pertaining to drainage, stormwater pollution prevention plans, and solid waste disposal (City Code Chapters 9, 10, 16, 19, and 20; as well as the International Building Code Section 3307).

Commercial Business Inspections: Bi-annual inspections are conducted on commercial properties within the MS4 to ensure compliance with pollution prevention measures and post-construction maintenance protocols. Each commercial establishment within Buckeye's MS4 has received in-person educational material on stormwater pollution prevention. Any locations found to be in violation were promptly notified and given the opportunity to address and rectify the issues.

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

All commercial establishments that were notified of the need for corrective action have achieved a one-hundred percent compliance rate. Furthermore, following the in-person issuance of stormwater pollution prevention information, several businesses verbally expressed to Buckeye staff that it was their first exposure to the concept of an MS4 and their inclusion within it. This positive feedback underscores the efficacy of the introduction and educational materials provided.

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: Stormwater Annual Report 2.pdf

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File Name: Stormwater Management Plan.pdf

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: Mapping of the MS4 is complete.

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?

The city has a series of code requirements that allow for pollution prevention on both private and public property: Premises that are nauseous, foul or offensive to the senses or prejudicial to the public health or comfort prohibited §10-3-8. ROW encroachment by any material prohibited §19-2-1-D Human and animal waste disposal required §16-5-3 Approved sewage treatment system required §16-5-4 Sanitary conditions required §9-1-11-K & L, and §9-2-6-A Approved method of waste storage required 9-4-3B.2. Littering/waste on public or private property, in unapproved way prohibited (trash, refuse, human/animal waste) §9-1-11-L., §9-4-3-B.1, §10-3-5, §16-5-3

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

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Answer: Yes

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

File Name: MS4_IDDE_Buckeye 23-24.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?: 705

What was the topic?: Fuel Pump Safety, including fueling procedures, and recognizing and responding to spills.

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?

The city has a series of code requirements that allow for pollution prevention on both private and public property: Premises that are nauseous, foul or offensive to the senses or prejudicial to the public health or comfort prohibited §10-3-8. ROW encroachment by any material

prohibited §19-2-1-D Littering/waste on public or private property, in unapproved way prohibited (trash, refuse, human/animal waste) §9-1-11-L., §9-4-3-B.1, §10-3-5, §16-5-3

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?: 0

How many follow-up actions were necessary (re-inspection, enforcement actions)?: 0

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?

The city implements Design Manual 500 (DM500) that provides specific criteria for development. With this, every facility developed after implementation of this manual must maintain their property in compliance with these standards. Additionally, the city has a series of code requirements that allow for pollution prevention on both private and public property, including ROW encroachment by any material prohibited §19-2-1-D, approved sewage treatment system required §16-5-4, sanitary conditions required §9-1-11-K & L, and §9-2-6-A, and approved method of waste storage required 9-4-3-B.2., and finally, littering/waste on public or private property prohibited (trash, refuse, human/animal waste) §9-1-11-L., §9-4-3-B.1, §10-3-5, §16-5-3

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)?

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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

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pollution prevention and good housekeeping techniques, per permit Section 6.6(2)(f)?

Answer: Yes

How many staff attended?: 874

What was the topic?: Stormwater Pollution Prevention. A brief presentation on what stormwater pollution is, and how to respond to it.

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: No

CERTIFICATION OF SUBMISSION

BRET HODNE

You validated your identity by answering your personal security question and password on myDEQ at **08:46 AM** on **08/08/2024**. 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.

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