



**ARIZONA DEPARTMENT
OF
ENVIRONMENTAL QUALITY**



AZPDES SMALL MS4 ANNUAL REPORT

LTF ID #: 92548

Report #: 153482

Phoenix Office

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Southern Regional Office

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AZPDES SMALL MS4 ANNUAL REPORT - SUMMARY

Company:

Name: LAKE HAVASU CITY

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:

General Public

Identify the topic(s) for the target group:

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

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

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

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

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

Proper management and disposal of used oil

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

Stormwater runoff issues and residential stormwater management practices

Describe how the message was conveyed to the target group:

We used facebook to share a video in regards to our updated stormwater management plan which is open for public comment. In this video we discussed illicit discharge, illegal dumping, pressure washing and how to keep Lake Havasu Beautiful using our stormwater management plan and policies. This video helps educate the public on stormwater discharge issues within our community. Please find the links below. Whats Up Havasu: Facebook Link.

<https://youtube.com/shorts/HEFdqFmwXJQ?si=BMxKX-M-Lw2m-vDT> Here is the You Tube Link to The video:

https://youtu.be/4Gke8m_S9il?si=yWEzRKzVEI4byYsn <https://www.lhcaz.gov/public-works/storm-water-management>

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

Our Facebook video on our stormwater program had 1,300 views in the first week that it was published. The facebook vide oalso had 37 likes, 10 comments and 1 share. Some of the comments discussed issues such as: 1) Is it illegal to drain your pool? 2) I didn't know it rained in lake Havasu 3) What is stormwater 4) Excellent

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:

Development

Identify the topic(s) for the target group:

Illicit discharges and proper management of non-stormwater discharges

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Municipal stormwater requirements and stormwater management practices for construction sites

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

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

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

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

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:

We hold DSD Meetings for our Development Services Division called pre-applications. We discuss stormwater management policies and engineer design procedures for development and best management of stormwater. We discuss sizing of Retention Basin's for the first flush and P100-2 hour design storm. We discuss erosion control policies and best management practices for construction development. After Holding the pre-applications meetings we review the engineering design and comment on each plan set. After Approval of the plans for construction we inspect BMP measures in the field for initial grading, before and after storms and final grading. The City of Lake Havasu Held 55 Pre-applications meetings last year.

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

As discussed in the previous section we held 55 pre-applications meetings during this years annual report for 2025. The previous year we only had 11 preapplications for development.

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: 20250929114454.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: 3.0 Receiving Waters

Stormwater runoff is transported via streets, open channels, and other conveyances. The main use of conveyances is to transport stormwater to the receiving waters.

4.0 Storm Sewer System Mapping The City has an up-to-date map of the municipal separate storm sewer system. Mapping is completed annually.

Storm sewer system (including roads with drainage systems, municipal streets, alleys, ditches, manmade channels, or storm drains that are owned or operated by the City), • Location of all outfalls • Name and location of all Waters of the U.S. that receive discharges from outfalls

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?

Enforcement Procedures The City prohibits non-stormwater discharges into the storm sewer system by Lake Havasu City City Code Chapter 10.00, Section 10.01.01.

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1105. § 1.12.020 DUTY TO ENFORCE THE CODE & § 1.12.040 VIOLATION A CIVIL PENALTY. For all stormwater related codes please refer to §8.28, specifically § 8.28.01. A violation of this chapter shall be enforced as described in Chapter 1.12 of this code. A designee is authorized to enforce the provisions of this chapter.

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: Lake Havasu City MS4 - Illicit Discharge Spreadheet.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?: 39

What was the topic?: 2-26-25 What is stormwater - Rain that carries runoff into stormdrains and waterways which often carry pollutants. some of the topics discussed in the video are the following:
1) Proper Storage of Materials and Chemicals 2) Proper Labeling of Chemicals 3) Identifying Hazardous Materials 4) Hazardous Materials Disposal 5) Keeping Lids Closed on Dumpsters 6) Labeling of Catch Basins & Stormdrains 7) Outdoor Drums and Tanks 8) Secondary Containment 9) Material Stockpiles - Cover with plastic Sheeting to

prevent erosion of material which may contain contaminants. Good Housekeeping and & Pollution Prevention training video links for ADEQ
https://youtu.be/I2Dy_oKYJ_E?si=t2VFKYY00wK1HuJb
https://youtu.be/YgjPdqw80M?si=L3u_UulhVqV6KACb

**How many
staff
attended?:**

43

**What was
the topic?:**

2-25-25 Training = Count = 15+28 = 43 employees What is stormwater - Rain that carries runoff into stormdrains and waterways which often carry pollutants. some of the topics discussed in the video are the following: 1) Proper Storage of Materials and Chemicals 2) Proper Labeling of Chemicals 3) Identifying Hazardous Materials 4) Hazardous Materials Disposal 5) Keeping Lids Closed on Dumpsters 6) Labeling of Catch Basins & Stormdrains 7) Outdoor Drums and Tanks 8) Secondary Containment 9) Material Stockpiles - Cover with plastic Sheeting to prevent erosion of material which may contain contaminants. Good Housekeeping and & Pollution Prevention training video links for ADEQ https://youtu.be/I2Dy_oKYJ_E?si=t2VFKYY00wK1HuJb
https://youtu.be/YgjPdqw80M?si=L3u_UulhVqV6KACb

**How many
staff
attended?:**

1

**What was
the topic?:**

Matt Thomas our Site Inspector Completed a training for the construction general permit site inspector training. Topics included the following: 1) Provides background on how and why stormwater discharges from construction activities are regulated. 2) Provides an overview of the 2022 CGP requirements. 3) Covers common erosion and sediment controls, when they are appropriate, and their proper installation and maintenance. This module is broken into two parts. 4) Explains controls for preventing common construction site pollutants from being discharged in stormwater. 5) Reviews the process for conducting a thorough CGP inspection, and includes two 360-degree virtual inspections. This module is broken into four parts. Please note that a computer mouse is required to properly navigate the virtual inspection portions of this module. 6) The final exam consists of 40 questions and covers content from all five training modules. Individuals must receive a minimum score of 80 percent to receive a training certificate that satisfies the training requirement in Part 6.3.b of the CGP. Information on how to print a Certificate of Completion is provided in the exam site when an individual passes the exam.

**How many
staff**

1

attended?:

What was the topic?:

Shawn M. Clarke, P.E. AZ Water Association Stormwater Committee Workshop in Gilbert , Arizona on October 17, 2024. Large Scale Construction Projects and Environmental Considerations. Example of the Pinto Creek Bridge was presented with environmental considerations such as monsson flows and fires damaging the project area. Post Construiction Compliance in stormwater. Green Stormwater Infastructure. Post Construction Inspections

How many staff attended?:

3

What was the topic?:

Stormwater Outfall Training Video Attachments: Stormwater Outfall Inspection Checklist.pdf Engineering Stormwater Samplers, Attached is an outall inspection video for our stormwater MS4 sampling process. I have attached a checklist for all outfall inspections. It is preferable these outfall inspection occur during rain events, However we will need to conduct a minimum of 25% - 3 outfalls per year. Please respond that you have received the checklist and have watched the attached video for the official training record. I will file your response for the attendance record.

<https://youtu.be/1OSfmdlKPMY?si=Sb0U3AWcNUM63k0s> Thank you, Shawn M. Clarke, P.E. Civil Engineer Public Works Dept. | Engineering Division 900 LONDON BRIDGE ROAD, LAKE HAVASU CITY, AZ 86403 928.680.5460 Ext 4312 | ClarkeS@LHCAZ.GOV 928.732.2252 (Cell)

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?

§ 8.28.160 ENFORCEMENT. A. A violation of this chapter shall be enforced as described in Chapter 1.12 of this code. The City Engineer or designee is authorized to enforce the provisions of this chapter.

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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?: 13

How many follow-up actions were necessary (re-inspection, enforcement actions)?: 5

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?

• Post-Construction BMP Maintenance Checklist: • Develop a detailed checklist to ensure Post-Construction Best Management controls are inspected. The checklist will include the inspection of the retention basins or underground retention facilities to confirm they are free from sediment build up, erosion, trash, debris, and unwanted vegetation. Additionally, it will cover the condition of structural controls, including inlets, outlets, and spillways. • The landowner will receive a completed inspection checklist from the Engineering Division after the initial inspection has been carried out. If corrective action is required, the landowner will have 180 days to notify the Engineering Division that the facilities are ready for reinspection. • If corrective action cannot be achieved within 180 days, the property/landowner will be referred to Code Enforcement for non-compliance as outlined in City code chapters 1.12 & 8.28.

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)?

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Answer: Yes

How many staff attended?: 28

What was the topic?: 2-25-25

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

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CERTIFICATION OF SUBMISSION

SHAWN M CLARKE

You validated your identity by answering your personal security question and password on myDEQ at **11:57 AM** on **09/29/2025**. 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.

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