



**ARIZONA DEPARTMENT  
OF  
ENVIRONMENTAL QUALITY**



**AZPDES SMALL MS4 ANNUAL REPORT**

**LTF ID #: 91833**

**Report #: 71376**

**Phoenix Office**

1110 W. Washington Street . Phoenix, AZ 85007  
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**Southern Regional Office**

400 W. Congress Street . Suite 433 . Tucson, AZ 85701  
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[www.azdeq.gov](http://www.azdeq.gov)

# AZPDES SMALL MS4 ANNUAL REPORT - SUMMARY

## Company:

**Name:** TOWN OF ORO VALLEY STORMWATER UTILITY

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

Answer: 11/09/2021 - 06/30/2022

## 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:

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

Stormwater runoff issues and residential stormwater management practices

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**Describe how the message was conveyed to the target group:**

During reporting year 2021/2022 The Stormwater Utility bulk mailed a brochure on water quality to all residents within the Town of Oro Valley. This mail insert included information on pool and spa discharge, the Town's MS4 program, and illicit discharge reporting. These brochures were mailed by Stormwater Utility staff to the 20,805 water utility customers in April of 2022.

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

The measure used to assess the efficacy of this BMP, is the number of impressions/interactions (20,805) made through this public outreach mailing.

**Identify the target group for outreach and education:**

Residential Community

**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

**Describe how the message was conveyed to the target group:**

Upon inspection of the drainageways and common areas within multiple communities in the Town of Oro Valley, letters of correction were issued, as well as flyers and verbal communication to homeowners, HOA managers and HOA board members, when water quality issues were discovered by the inspectors.

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

We handle this in 2 ways. We reinspect the areas that have received notices of correction and monitor them for continued compliance, and we also compare numbers of violations from year to year, verifying that the water quality and stormwater management educational messages being delivered are leading to a reduction in these occurrences.

**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

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

**Describe how the message was conveyed to the target group:**

On May 5, 2022, 45 companies that conduct swimming pool maintenance and service within the Town of Oro Valley were mailed the Town of Oro Valley flyer on best management practices as they relate to swimming pool and spa discharge and chemical use.

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

The year to year comparison in violations and notices of correction is used to gauge the effectiveness of this program.

**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:** SWMP-October-2021-Update-Final.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: For the purposes of investigation and asset management, the Town of Oro Valley has mapped both municipal and private stormwater infrastructure into the GIS/Cartegraph database. This process assists the Town with investigation of illicit discharges, as well as potential flood control solutions. The Town of Oro Valley stormwater sewer system at the time of this report, is complete to the maximum

extent practicable. This mapping process is an ongoing and continuous process due in large part to two factors which preclude 100 percent completion of this mapping in any given year. Through the new development and redevelopment process as well as the Town of Oro Valley asset inspection process, new assets are being created, discovered and ultimately mapped into the stormwater GIS/Cartegraph database throughout each year. Currently the Town of Oro Valley stormwater infrastructure inventory includes 2257 inlets, 738 culverts, 1692 conveyance pipes, 1160 channels, and 275 detention basins. This asset inventory increased by 1046 assets mapped into the GIS/Cartegraph database during reporting year 21/22.

**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?**

Oro Valley Town Code: Chapter 15 Article 24 (1-14)

**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:** Town-of-Oro-Valley-IDDE-Report-2021-2022.xlsx

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

Answer: Yes

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**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?:**

13

**What was the topic?:**

Illicit Discharge Detection and Elimination, and Municipal Good Housekeeping best management practices

**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?**

Oro Valley Town Code: Chapter 15 Article 24 (1-14)

**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?:** 455

**How many follow-up actions were necessary (re-inspection, enforcement actions)?:** 25

**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?**

Oro Valley Town Code: Chapter 15 Article 24 (1-14)

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**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?:** 13

**What was the topic?:** Illicit Discharge Detection and Elimination and Good House Keeping For Municipal Operations

**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

## SCOTT BENNETT

You validated your identity by answering your personal security question and password on myDEQ at **10:10 AM** on **09/23/2022**. 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:**

(1) ADEQ shall not base a licensing decision, in whole or in part, on a requirement or condition not specifically authorized by statute or rule. General authority in a statute does not authorize a requirement or condition unless a rule is made pursuant to it that specifically authorizes the requirement or condition.

(2) Prohibited licensing decisions may be challenged in a private civil action. Relief may be awarded to the prevailing party against ADEQ, including reasonable attorney fees, damages, and all fees associated with the license application.

(3) ADEQ employees may not intentionally or knowingly violate the requirement for specific licensing authority. Violation is cause for disciplinary action or dismissal, pursuant to ADEQ's adopted personnel policy. ADEQ employees are still afforded the immunity in A.R.S. §§ 12-821.01 and 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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