



**ARIZONA DEPARTMENT  
OF  
ENVIRONMENTAL QUALITY**



**AZPDES LARGE MS4 - ANNUAL REPORT**

**LTF ID #: 95823**

**Report/Form ID #: 92528**

**Date Submitted : 09/18/2023**

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# AZPDES LARGE MS4 ANNUAL REPORT - SUMMARY

## Company:

**Name:** CITY OF TEMPE - WATER UTILITIES

## Question: Which reporting period is this Annual Report for?

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

## Question: Submit one copy of the current Stormwater Management Plan (SWMP).

Answer:

**File Name:** City of Tempe Stormwater Management Plan.pdf

**File Description:** SWMP

**OPTIONAL | Comments:**

## Question: What are the costs of the necessary capital and operation and maintenance expenditures necessary to accomplish the activities required of the permit?

Answer: 2016997

**OPTIONAL | Comments:**

## Question: Did you develop, maintain, and enforce adequate legal authority to control the discharge of pollutants into and from the MS4, per 2.0?

Answer: Yes

**OPTIONAL | Comments:**

## Question: How many parameters had SWQS exceedances from discharges to protected surface waters?

Answer: 2

**OPTIONAL | Comments:**

## Question: Did you include the 4.1.A.1-2 required items in the SWMP?

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Answer: Yes

**OPTIONAL | Comments:**

**Question: Did you provide outreach and education to the public on the stormwater program issues and requirements, per 4.2.A.1?**

Answer: Yes

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

Residential Community

**Identify the topic(s) for the target group:**

II. Stormwater runoff issues and residential stormwater management practices

Homeowners

**Identify the topic(s) for the target group:**

II. Stormwater runoff issues and residential stormwater management practices

**OPTIONAL | Comments:**

**Question: Did you provide outreach and education to the public on the stormwater program issues and requirements, per 4.2.A.2?**

Answer: Yes

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

Construction Site Operators

**Identify the topic(s) for the target group:**

II. Municipal or County stormwater requirements and stormwater management practices for construction sites

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

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Targeted Sources (industrial or commercial)

**Identify the topic(s) for the target group:**

III. Illicit discharges and proper management of non-stormwater discharges

Types of Businesses (industrial or commercial)

**Identify the topic(s) for the target group:**

III. Illicit discharges and proper management of non-stormwater discharges

**OPTIONAL | Comments:**

**Question: Did you evaluate and measure the understanding and adoption of the targeted behaviors for at least one target audience in at least one subject area by the end of year four, per 4.2.A.3? Did you use the results of the evaluation to direct education and outreach resources most effectively, as well as to evaluate changes in adoption of the targeted behaviors by the end of year four, per 4.2.A.3?**

Answer: Not applicable for this reporting period

**OPTIONAL | Comments:**

**Question: Attach, as part of your fourth year annual report, an evaluation of the target audience in a subject area and any changes adopted in response to targeted behaviors in order to be more effective, per 4.2.A.3.a.**

Answer: Not Applicable

**OPTIONAL | Comments:**

**Question: Did you host an annual public SWMP workshop, per 4.3.A?**

Answer: Yes

**OPTIONAL | Comments:**

**Question: Did you create opportunities for citizens to participate in the**

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**implementation of stormwater controls (e.g., stream cleanups, storm drain stenciling, volunteer monitoring, disposal of household hazardous waste, educational activities, and facilitation of Adopt-A-Wash, Adopt-A-Park, and Adopt-A-Street litter control activities), per 4.3.B?**

Answer: Yes

**OPTIONAL | Comments:**

**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 4.3.C?**

Answer: Yes

**OPTIONAL | Comments:**

**Question: Was the current SWMP and annual report posted to your website no later than one year from the permit's effective date or, if in a subsequent year, no later than 30 calendar days following the due date of the annual report, per 4.3.D?**

Answer: Yes

**OPTIONAL | Comments:**

**Question: Did you continue to implement a program to detect, investigate, and eliminate non-stormwater discharges including dumping and spills, into the system, per 4.4.A?**

Answer: Yes

**OPTIONAL | Comments:**

**Question: Did you maintain an inventory of all known MS4 outfalls, interconnections with other MS4s, and those major outfalls identified as priority for illicit discharges or other non-stormwater flows, per 4.4.C?**

Answer: Yes

**OPTIONAL | Comments:**

**Question: Did you provide employee training, per 4.4.D?**

Answer: Yes

**OPTIONAL | Comments:**

**Question: Did you inspect all “priority” major outfalls or field screening points (if applicable), per 4.4.E.2?**

Answer: Yes

**OPTIONAL | Comments:**

**Question: Did you inspect approximately 20 percent of the remaining (i.e., non-priority) major outfalls and field screening points, per 4.4.E.3?**

Answer: Yes

**OPTIONAL | Comments:**

**Question: Did you conduct ongoing dry weather field screening of major outfalls and field screening points (if applicable), per 4.4.E.4?**

Answer: Yes

**OPTIONAL | Comments:**

**Question: Did you investigate (or refer to the appropriate agency with authority to act) within five business days at least 90 percent of all reports of illicit discharges to your MS4, per 4.4.F?**

Answer: Yes

**OPTIONAL | Comments:**

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**Question: Did you initiate corrective actions and/or enforcement mechanisms to eliminate any illicit discharge detected within 60 days of identification of the source, per 4.4.G?**

Answer: Yes

**OPTIONAL | Comments:**

**Question: Submit one copy of your Illicit Discharge Detection and Elimination (IDDE) activities summary in tabular format, including all required fields, per 4.4.I.2.**

Answer:

**File Name:** 4.4.1.2 - Summary of IDDE activities.pdf

**File Description:** Summary of IDDE Activities

**OPTIONAL | Comments:**

**Question: Did you provide new employee training at least one time per year and refresher training for existing employees at least once every two years for employees with direct stormwater responsibilities, per 4.5.A.1?**

Answer: Yes

**OPTIONAL | Comments:**

**Question: Did you update and maintain an inventory, database, list, map, or other equivalent tracking system of facilities you own and operate that have the potential to discharge stormwater pollutants to the MS4, per 4.5.B.1?**

Answer: Yes

**OPTIONAL | Comments:**

**Question: Submit one copy of your 4.5.B.1 inventory list.**

Answer:

**File Name:** 4.5.B.1 - Municipal Facility Inventory List and Map.pdf

**File Description:** Municipal Facility Inventory List and Map

**OPTIONAL | Comments:**

**Question: Did you inspect approximately 20 percent of all facilities identified in 4.5.B.1, per 4.5.C.1?**

Answer: Yes

**OPTIONAL | Comments:**

**Question: Did you continue to implement practices, policies, and procedures to reduce stormwater impacts associated with runoff from all lands you own and operate, per 4.5.D?**

Answer: Yes

**OPTIONAL | Comments:**

**Question: Did you provide new employee training at least one time per year and refresher training for existing employees at least once every two years for employees with direct stormwater responsibilities, per 4.6.A.1?**

Answer: Yes

**OPTIONAL | Comments:**

**Question: Did you update and maintain an inventory, database, list, map, or other equivalent tracking system of private commercial and industrial sites that discharge stormwater pollutants to the MS4, per 4.6.B.1?**

Answer: Yes

**OPTIONAL | Comments:**

**Question: Submit one copy of your 4.6.B.1 Inventory.**

Answer:

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**File Name:** 4.6.B.1 - Private Commercial and Industrial Inventory List.pdf

**File Description:** Private Commercial and Industrial Inventory List

**OPTIONAL | Comments:**

**Question: Did you develop a mechanism to identify and document facilities subject to the MSGP that did not file a timely NOI (does not apply to sites with waivers and No Discharge Certificates) and contain a means of communication with operators of these facilities to inform them of their responsibility to comply, per 4.6.B.2?**

Answer: Yes

**OPTIONAL | Comments:**

**Question: Did you inspect approximately 20 percent of all facilities identified in 4.6.B.1, per 4.6.C?**

Answer: Yes

**OPTIONAL | Comments:**

**Question: Are you implementing an effective compliance and enforcement program that incorporates escalating action for violations of county or city stormwater requirements, ordinance, or code, per 4.6.D?**

Answer: Yes

**OPTIONAL | Comments:**

**Question: Did you provide new employee training at least one time per year and provide refresher training for existing employees directly involved in these activities at least once every two years, per 4.7.A?**

Answer: Yes

**OPTIONAL | Comments:**

**Question: For construction projects that will result in land disturbance of one acre or**

**more (including those less than one acre, but are part of a larger common plan of development), did you review at least 80 percent of plans for new development and redevelopment, per 4.7.B?**

Answer: Yes

**OPTIONAL | Comments:**

**Question: How many applications for new development and redevelopment projects one acre or greater discharging to the MS4 were reviewed, per 4.7.B?**

Answer: 28

**OPTIONAL | Comments:**

**Question: Did you develop, update, and maintain a comprehensive inventory, per 4.7.C.1?**

Answer: Yes

**OPTIONAL | Comments:**

**Question: Did you develop a mechanism to identify and document facilities subject to the CGP that did not file a timely NOI (i.e., before construction activities were initiated) and contain a means of communication with operators of these facilities to inform them of their responsibility to comply, per 4.7.C.2?**

Answer: Yes

**OPTIONAL | Comments:**

**Question: Did you inspect construction sites listed in the inventory identified in 4.7.C.1 at least one time every three months for highest priority sites and at least one time every six months for lowest priority sites, based on the prioritization schedule requirements, per 4.7.E.1?**

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Answer: No (provide explanation in the comments box)

**OPTIONAL |  
Comments:**

City of Tempe Community Development Department: During the process of updating the MS4 inventory list, eight active construction site inspections were missed. The delayed inspections were conducted between ten days to two months of the required six-month interval for active construction projects. The inspectors are routinely onsite for other inspections and check for MS4 non-conforming items and BMPs during. Though the dedicated MS4 inspection reports were delayed, the field inspectors did not observe any BMPs violations or report any MS4 non-conforming items at any of the eight projects. City of Tempe Engineering and Transportation Department Capital Improvement Projects (CIP): Through miscommunication, a six-month CIP inspection was missed by approximately one month.

**Question: Did you conduct follow-up inspections of construction sites to ensure stormwater deficiencies/concerns/non-compliance identified as a result of a routine inspection were corrected, per 4.7.E.2?**

Answer: Yes

**OPTIONAL | Comments:**

**Question: Did you continue to require that plans include erosion and sediment control requirements protective of water quality, per 4.7.F?**

Answer: Yes

**OPTIONAL | Comments:**

**Question: Did you provide new employee training at least one time per year and provide refresher training for existing employees directly involved in these activities at least once every two years, per 4.8.A.1?**

Answer: Yes

**OPTIONAL | Comments:**

**Question: Did you continue to implement a program to control stormwater discharges from areas of new development and redevelopment after construction is complete, including adequate post-construction BMPs, ordinances and policies, per 4.8.B.1.a?**

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Answer: Yes

**OPTIONAL | Comments:**

**Question: Attach, as part of your first year annual report, the 4.8.B.2 proposal and supporting documentation of three areas to perform the retrofit feasibility assessment.**

Answer: Not Applicable

**OPTIONAL | Comments:**

**Question: For the fourth year annual report, was a feasibility assessment developed to retrofit existing developed sites that are impacting water quality, per 4.8.B.3?**

Answer: Not applicable for this reporting period

**OPTIONAL | Comments:**

**Question: Attach, as part of your fourth year annual report, the 4.8.B.3 retrofit feasibility assessment.**

Answer: Not Applicable

**OPTIONAL | Comments:**

**Question: Did you inspect 90 percent of sites discharging to the MS4 that received City permits within one year after construction completion to determine the compliance of their post-construction stormwater controls, per 4.8.C.2?**

Answer: Yes

**OPTIONAL | Comments:**

**Question: OPTIONAL | Upload any supporting documents, including itemized expenditures or storm event data.**

Answer:

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**File Name:** 1.0.2 - Tempe MS4 Annual Expenditures and Fiscal Analysis.pdf

**File Description:** Tempe MS4 Annual Expenditures and Fiscal Analysis

**OPTIONAL | Comments:**

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You validated your identity by answering your personal security question and password on myDEQ at **11:00 AM** on **09/18/2023**. At this time, you certified the summary information above by checking that you agreed to the following statement:

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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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