

AZPDES SMALL MS4 ANNUAL REPORT

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Application ID #: 91151

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AZPDES SMALL MS4 ANNUAL REPORT - SUMMARY

Company:

Name: CITY OF YUMA - ENGINEERING DEPARTMENT

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:

General Public

Identify the topic(s) for the target group:

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

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

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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

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

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

-Distributing educational materials to the public in the priority areas. -Announcement telecast , local COY TV channel -City Website -Publish educational article in local newspaper (english and spanish) -Adding markers to catch basins (no dumping/drains to river)

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

It has been effective for reducing selenium discharge to the Colorado River at all four (4) of our mapped outfall locations. During this reporting period there was not exceedance of site-specific criterion (2.2 Mg/L) of selenium based on laboratory analysis of the reporting period rain 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:

Community/Home Owner Association

Identify the topic(s) for the target group:

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

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significant redevelopments

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

Municipal stormwater requirements and stormwater management practices for construction sites

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

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

Describe how the message was conveyed to the target group:

We have a designated webpage under Engineering department for Stormwater Management Program. We have links on our website to all of the following items: Stormwater Management Program (SWMP); Enforcement Response plan (ERP); Illicit Discharge Detection and Elimination Program (IDDE); Analytical Surface Water Monitoring Plan (AMP); Construction Site Runoff Controls; ADEQ NOI (Notice of Intent); Priority Area Maps July 2018; Drainage Policy 1670 & 1836; AZPDES Implementation 02006-38; Floodplain Management 02006-53.

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

It has been effective for reducing selenium discharge to the Colorado River at all four (4) of our mapped outfall locations. During this reporting period there was not exceedance of site-specific criterion (2.2 Mg/L) of selenium based on laboratory analysis of the reporting period rain events.

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: Yuma SWMP September 2023jA.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: Answer: -We update a stormwater Atlas and webmap online as new development and Capital Improvement projects are completed. These mapping resources identify outfalls, storm drain, catch basins, manholes, right of way and street names. -We have identified and mapped the four (4) the priority areas and outfalls that discharge to the Colorado River (receiving water) for sampling and monitoring.

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?

Classification of Violations and Levels of Enforcement Enforcement Level Classification of Violation Action Required by Staff
Level I Potential discharge to the MS4 at any location 1. Inform potential violator in writing with "a notice to correct a violation" within 28 calendar days and before the next storm event of time to correct. 2. Take photos and document the case. 3. Re-inspect location after 28 calendar days. 4. Document potential violation and action taken with Engineering Department. 5. Suspend the connection to the MS4 or suspend or revoke the building permit if necessary per Sections 194-08 of 156-09 of Yuma City Code. Level II Actual discharge into the MS4 outside the Priority Area 1. Inform violator in writing with "a notice of violation" to correct within 14 calendar days and before the next storm event days. 2. Take photos to document the case. 3. Re-inspect location after 14 calendar days. 4. Document potential violation and action taken with Engineering Department. 5. Issue a notice of violation or revoke the building permit if necessary per Sections 194-14 and 156-09 of the Yuma City Code.

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Level III Actual discharge into the MS4 within the Priority Area, with no potential of reaching the Colorado River 1. Inform violator in writing with “a notice of violation” to correct within 14 calendar days and before the next storm event. 2. Take photos to document the case. 3. Re-inspect location after 14 calendar days. 4. Document potential violation and action taken with Engineering Department. 5. Issuing a class one misdemeanor per Sections 194-99 and 156-09 of the Yuma City Code. Level IV Actual discharge into the MS4 within the Priority Area, with potential of reaching the Colorado River 1. Inform violator in writing with “a notice of violation” to correct within 7 calendar days and before the next storm event. 2. Take photos to document the case. 3. Re-inspect location after 7 calendar days 4. Document potential violation and action taken with Engineering Department. 5. Close the case. 6. Issuing a class one misdemeanor per Sections 194-99 and 156-09 of the Yuma City Code and reporting the case to Arizona Department of Environmental Quality

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: MS4_IDDE_Reporting_Template_2022-2023.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?: 20

What was the topic?: SWPPP Training

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)?

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Answer: Yes

What is the citation of the ordinance or other regulatory mechanism to prohibit non-stormwater discharges into the MS4?

(A) Stop-Work Order; Revocation of Permit In the event that any person holding any type of permit pursuant to this ordinance violates the terms of the permit or implements site development in such a manner as to adversely affect the environment, health, welfare, or safety of persons residing or working in the neighborhood or development site, so as to be materially detrimental to the public welfare, environment, or injurious to property or improvements in the neighborhood, the City may suspend or revoke the building permit. (B) Violation and Penalties It shall be unlawful for any person, firm or corporation to construct, enlarge, alter, repair or maintain any demolition, grading, excavation, or fill, or cause such actions, contrary to or in violation of any terms of this ordinance. Any person, firm or corporation violating any of the provisions of this chapter shall be guilty of a class 1 misdemeanor, and upon conviction thereof shall be punished by a fine not to exceed \$1,000 or by imprisonment for not more than ten days or both fine and imprisonment. Each separate day or part thereof, during which any violation of said sections shall be punishable as herein provided.

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?: 494

How many follow-up actions were necessary (re-inspection, enforcement actions)?: 10

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?

It shall be unlawful for any person, firm or corporation to construct, enlarge, alter, repair or maintain any demolition, grading, excavation, or fill, or cause such actions, contrary to or in violation of any terms of this chapter. Any person, firm or corporation violating any of the provisions of this chapter shall be guilty of a class 1 misdemeanor, and upon conviction thereof shall be punished by a fine not to exceed \$1,000 or by imprisonment for not more than ten days or both fine and imprisonment. Each separate day or part thereof, during which any violation of said sections occurs or continues shall be deemed to constitute a separate offense, and upon conviction thereof shall be punishable as herein provided.

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

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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

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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?: 20

What was the topic?: SWPPP Training

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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