

AZPDES SMALL MS4 ANNUAL REPORT

Summary

Reporting Period:

11/24/2021 - 06/30/2022

Company Information:

YUMA COUNTY - DEPARTMENT OF DEVELOPMENT SERVICES

Did you assess and evaluate the Stormwater Management Program (SWMP) as part of preparing the Annual Report, per permit Section 4.0?

Yes

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.

No

Did you provide outreach and education to the public on the stormwater program issues and requirements per

permit Section 6.1(1)?

Yes

General Public



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

Describe how the message was conveyed to the target group.

Educate and inform the general public regarding storm water management requirements for proposed development by broadcasting meetings on the County's channel 77 network and the County webpage.

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

Proposed development meetings specifically for residential and/or commercial subdivisions are broadcasted on the County's social media webpage and County channel 77. The general public can become informed of proposed development of which applicable rules and regulations are discussed including storm water management. Regulatory information for storm water includes best management practices for construction activities and post construction. Broadcasting meetings for the general public is an effective best management practice as it encourages public participation and knowledge of proposed development and storm water management requirements within Yuma County.

General Public



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

Describe how the message was conveyed to the target group.

Maintain Yuma County's webpage with storm water material and MS4 program requirements to educate and inform the general public.

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

Public education is an effective best management practice in maintaining the general public informed and knowledgeable of the County's storm water (MS4) program. The County's storm water (MS4) webpage contains educational material, storm water staff contact information, illegal dumping hotline number, complaint filing, public participation opportunity, MS4 storm sewer system mapping, and County MS4 permit requirements. The County storm water (MS4) webpage is maintained annually to ensure relevant information is provided and public webpage views are reviewed to measure user interest.

Residential Community



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.

Inform and educate the general public/residential communities regarding illegal disposal of solid waste and impacts to the environment including watersheds' by promoting neighborhood cleanup events on the Yuma County Department of Public Works webpage.

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

Illegal disposal of solid waste poses a significant environmental impact to watersheds and local MS4 systems statewide. The Yuma County Board of Supervisors' approved a neighborhood cleanup program presented by the Yuma County Public Works Department in an effort to educate, inform, and engage residents within the unincorporated areas of Yuma County to actively participate in cleanup of residential communities. A total of fifteen (15) neighborhood clean up events and sixty-four (64) tons of debris was collected for the reporting period. The presentation of the neighborhood cleanup program at County Board of Supervisors' meetings is an effective method for public education as it provides an opportunity to disseminate information of illegal disposal challenges and effects to the environment by reaching a broad audience of County residents. Furthermore, the approved neighborhood cleanup program is promoted through the Yuma County Public Works webpage facilitating information including application of cleanup requests for interested residential community members.

General Public



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

Describe how the message was conveyed to the target group.

The environmental programs section will distribute educational material consisting of brochures to the general public to increase awareness of illicit discharges and storm water pollution prevention. Brochures will be distributed and available at the Department of Development Services and Yuma County libraries.

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

Educational brochures are an important tool in communicating the importance of stormwater pollution prevention including illicit discharges. The environmental programs section distributed approximately three hundred (300) illicit discharges educational brochures readily available for the general public throughout Yuma County facilities. Non-stormwater discharges considered illicit may contain a significant amount of pollutants that can adversely effect watersheds and the environment causing irreversible damages and therefore of priority to inform the general public. The facilities selected for distribution of educational material made the brochures readily available for targeted group and successful with information sharing. In this reporting period, Yuma County's storm water program did not receive complaints regarding illicit discharges and/or connections to the MS4 system. Nevertheless, illicit discharges brochures is an effective best management practice (BMP) as it educates, informs, and promotes Yuma County's MS4 program in an effort to prevent storm water pollution.

Did you provide outreach and education to the public on the stormwater program issues and requirements, per permit Section 6.1(2)?

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

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.

The Yuma County Flood Advisory Board meets on a quarterly basis to discuss, review, and serve as an advisory role to the Board of Supervisors on matters pertaining flood control, drainage, floodplain regulations, water conservation and

basis and available to the public for education, information, and involvement opportunities.

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

The Yuma County Flood Advisory Board held a total of seven (7) meetings this reporting period to discuss and review regional flood control issues including storm water management within the Yuma County Flood Control District. The Flood Advisory Board meetings are significant contribution to the County's Flood Control District and play a significant advisory role on matters pertaining to storm water management including reducing flood waters, pollutants, and drainage improvements.

Development 

Identify the target group for outreach and education.

Development

Identify the topic(s) for the target group.

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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

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

Describe how the message was conveyed to the target group.

Perform project assessment meetings to inform developers of Yuma County storm water management regulations prior to construction and ensure compliance by preventing construction activity run off.

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

The Department of Development Services offers project assessment meetings for proposed development to provide information of local and/or state requirements prior to commencing construction. During this reporting period, a total of forty-one (41) project assessment meetings were conducted which included all sectors of development such as residential, commercial, and industrial. Information provided to development included storm water management and/or MS4 compliance such as education, best management practices, documentation, inspections, and referral to the Arizona Department of Environmental Quality (ADEQ). Project assessment meetings are an effective best management practice as they facilitate compliance with permitting requirements and developers become more familiar with the expectations of storm water management requirements.

Construction Site Operators



Did you post the SWMP and the current Annual Report on your

website, per permit Section 6.2(1)?

Yes

Upload the SWMP.

File Name

1. YC SWMP.11.docx

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)?

Yes

Provide a narrative description of the status of the storm sewer mapping, per permit Section 6.3(1).

The municipal storm sewer system mapping (MS4) has been evaluated this reporting period to ensure all components, infrastructure, and protected waters are identified. Yuma County will continue to prepare and maintain its storm sewer system mapping up to date as expansion of network is constructed throughout reporting period(s).

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)?

Yes

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

YUMA COUNTY ORDINANCE REGULATING STORMWATER QUALITY MANAGEMENT AND THE DISCHARGE OF STORMWATER: ARTICLE III SECTION 301-304

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

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

File Name

1. MS4 IDDE Reporting Template(2).xlsx

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

Yes

Did you identify indicators of IDDE Program progress or success, per permit Section 6.3(8)?

Yes

Did you provide annual staff training, per permit Section 6.3(9)?

Yes

Event 1



How many staff attended?

3

What was the topic?

Storm Water Sampling Training: April 27, 2022: The training consisted of Environmental Programs storm water staff meeting with the local certified laboratory to discuss sampling techniques incorporating the storm water characterization requirements of the new general permit. Training was performed by the certified lab technician and covered sampling collection according to parameter, preservation techniques, equipment, and chain of custody record. Sampling of storm water will be required for storm water characterization and for identification and elimination of potential illicit discharges and/or connections.

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)?

Yes

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

YUMA COUNTY ORDINANCE REGULATING STORMWATER QUALITY MANAGEMENT AND THE DISCHARGE OF STORMWATER ARTICLE V RUNOFF CONTROL SECTION 501-503

Did you implement a construction site inventory, per permit Section 6.4(2)(b)?

Yes

Did you develop written procedures for site plan review, per permit Section 6.4(2)(c)?

Yes

Did you implement written procedures for site inspections and enforcement control measures, per permit Section 6.4(2)(f)?

Yes

How many construction site inspections were done?

194

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

0

permit Section 6.4(2)(h)?

Yes

Did you develop and implement a program requiring construction operators to control wastes from their sites, per permit Section 6.4(2)(i)?

Yes

Did you implement procedures to receive and act on information submitted by the public (complaints), per permit Section 6.4(4)?

Yes

Did you implement a program that includes a combination of structural and non-structural BMPs, per permit Section 6.5(1)?

Yes

Did you establish an ordinance or other regulatory mechanism for enforcement procedures of the Post-Construction Stormwater Management, per permit Section 6.5(2)?

Yes

What is the citation for the ordinance or other regulatory mechanism to address post-construction runoff from new development and redevelopment projects?

YUMA COUNTY ORDINANCE REGULATING STORMWATER QUALITY MANAGEMENT AND THE DISCHARGE OF STORMWATER ARTICLE VI SECTION 601-604

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)?

Yes

Did you implement procedures for site plan review, per permit Section 6.5(3)?

Did you implement an inventory of post-construction site structural stormwater control measures installed within the MS4, per permit Section 6.5(4)?

Yes

Did you implement a program to ensure the long-term operation and maintenance of post-construction BMPs, per permit Section 6.5(5)?

Yes

Did you implement a program to reduce or eliminate discharges of pollutants from municipal streets, facilities, yards, etc., per permit Section 6.6(1)?

Yes

Did you implement a program to ensure the long-term operation and maintenance of stormwater BMPs, per permit Section 6.6(2)?

Yes

Did you develop an inventory of facilities, prioritized based on their risk of discharging non-stormwater, per permit Section 6.6(2)(a)?

Yes

Did you implement an inspection schedule for prioritized facilities, per permit Section 6.6(2)(c)?

Yes

Did you implement an annual training program for staff that incorporates pollution prevention and good housekeeping techniques, per permit Section 6.6(2)(f)?

Yes



How many staff attended?

1

What was the topic?

The Yuma County Department of Public Works maintains Multi-Sector General Permit (MSGP) coverage for all facilities. The following is a list of the active MSGP's issued to Yuma County Department of Public Works: AZMSG-63212 AZMSG-62325 AZMSG-63207 AZMSG-62936 AZMSG-62939 AZMSG-62938 AZMSG-68370 AZMSG-63202

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)?

Yes

Does the MS4 discharge to a not-attaining water, impaired water, or an Outstanding Arizona Water (OAW)?

No

EXIT

