



ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY



1110 West Washington Street Phoenix, Arizona 85007
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Small MS4 Annual Report

ID #: AZSM65755

MS4 Name: CITY OF YUMA MS4

Reporting Period: 01-Jul-2018 To 30-Jun-2019

Main Office

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Southern Regional Office

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Annual Report Summary

Company Information

Name : CITY OF YUMA - ENGINEERING DEPARTMENT
155 W 14TH ST
YUMA
AZ , 85364

Question: During this reporting period, was additional land annexed into the regulated MS4 area?

Answer: Yes

Total Area Annexed into the MS4 Since the Last Annual Report: 51.32 acres

Were Best Management Practices (BMPs) fully implemented in the annexed area? Yes

Same BMP implemented on the current SWMP

Question: Is stormwater sewer mapping 100 percent complete?

Answer: Yes

Provide the description of the measurable goal:

Availability of maps online and at Engineering Department helps development community to recognize the stormwater collection system and achieve the goals of the SWMP.

Question: Is outfall mapping 100 percent complete?

Answer: Yes

Number of outfalls mapped: 11

Provide the description of the measurable goal:

City of Yuma Stormwater Collection System web map includes roads with drainage system, municipal streets, catch basins, curbs, gutter, ditches, man-made channels, or storm drains that are owned or operated by the permittee and convey stormwater to Waters of the US. Maps are updated as land is developed.

Question: Is identification of receiving waters information 100 percent complete?

Answer: Yes

Provide the description of the measurable goal:

Identification of receiving waters help develop community to achieve goals of the SWMP.

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Question: Has an Illicit Discharge Detection and Elimination (IDDE) enforcement authority or other regulatory mechanism been established?

Answer: Yes

Name	Title/Code/Citation	Effective Date	Inactive Date
City of Yuma Public Works Department	City of Yuma Ordinance No. O2005-15, Yuma City Code, Title 19, Chapter 194	05/15/2005	

Question: Has a Construction Site Stormwater Runoff enforcement authority or other regulatory mechanism been established?

Answer: Yes

Name	Title/Code/Citation	Effective Date	Inactive Date
City of Yuma Engineering Department and Department of Community Development	City of Yuma Ordinance No O2006-38, Yuma City Code, Title 15, Chapter 156	09/25/2006	

Question: Has a Post-Construction Stormwater Management enforcement authority or other regulatory mechanism been established?

Answer: Yes

Name	Title/Code/Citation	Effective Date	Inactive Date
City of Yuma Engineering Department	City of Yuma Ordinance No. O2007-78, Yuma City Code Title 19, Chapter 195	02/15/2008	

Question: For each receiving water, provide a brief description of the overall effectiveness of the BMP implemented to reduce the discharge of pollutants.

Answer:

Receiving Water: Colorado River-Main Canal - Mexico border

Type : Impaired/Non-attaining

Outfall Details

Sr.No.	Outfall or Field Screening Point	Outfall Name/Number	Latitude	Longitude

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1	Outfall	Madison Ave at Colorado River	32.728613	-114.620191
2	Outfall	9th Ave at Colorado River	32.73009	-114.630263
3	Outfall	17th Ave at Colorado River	32.731724	-114.640389
4	Outfall	19th Ave at Colorado River	32.731895	-114.642738

Has a sampling and analysis(SAP) been developed and implemented for this receiving water? Yes

Impairments:

TMDL Applicable: Yes

Parameters :

TOTAL NITROGEN AS N 1~TOTAL PHOSPHORUS~TOTAL SELENIUM (AS SE)~

BMP Info

BMP	Impairments	Receiving Water
Develop Illicit Discharge Detection and Elimination Ordinance		Colorado River-Main Canal - Mexico border
Conduct annual cleanup of the stormwater collection system.	TOTAL SELENIUM (AS SE)	
Develop and implement inspection and enforcement program for construction site runoff.		Colorado River-Main Canal - Mexico border
Develop and implement inspection and enforcement program for post-construction sites runoff control.		Colorado River-Main Canal - Mexico border

Provide a narrative of BMP effectiveness, including qualitative and quantitative indicators, in addressing pollutant discharge to this receiving water.

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BMP2/MCM2:Cleaning of MS4, type:structural. Goal:minimize intro of pollutants. Effectiveness:measured by sediment & trash removed. Qualitative indicator removing pollutants.

BMP2/MCM3:Dry Weather Visual Monitoring, type: non-structural. Goal: identify illicit discharges & sources. Effectiveness:unpredictable citywide and must be evaluated case-by-case. Qualitative indicator.

BMP1/MCM5:Post-construction runoff control, type: non-structural. Goal: minimize impacts of development projects. Effectiveness measured by projects with discharge potential. Qualitative indicator.

BMP2/MCM6:Train Employees. type: non-structural. Goal: inform of water quality issues. Staff duties will minimize impacts. Effectiveness: measured by street cleanness, complaints received, site inspections and corrections performed. Qualitative for operations and quantitative for site development.

BMP3/ACM1:Reduce/prevent discharge of selenium from post-construction, type: structural. Goal: delineate P.A. that contributes stormwater runoff from newly developed sites with potential of discharging into River. Effectiveness:measured adequate BMPs designed/ implemented. Qualitative indicator.

BMP5/ACM1: Design/ implement AMP, type:structural & non-structural. Goal:develop AMP to prevent discharge of selenium-based discharge into River. Effectiveness:measured by higher frequency site inspections, installation of in-line systems to remove selenium. Qualitative in designing the AMP & quantitative for selenium

Question: For each BMP in the Minimum Control Measure 1: Public Education and Outreach, what was completed during this reporting period?

Answer:

BMP Name: Distribute educational materials to the public

Category: Brochures

Personnel Position/Department: City of Yuma Engineering Department

BMP Description :

The City has distributed and is continuing to distribute printed education materials to City residents. These materials are effective tools for educating the general public

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Targeted Audience: City Residents **Frequency:** 1 Quarterly

Milestone Description:

Educate the public about stormwater pollution

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Date:

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Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Printed educational materials about construction site runoff, illicit discharges and illegal dumping into the MS4 are available to the public, and are distributed using existing outlets at City buildings, meetings attended by the general public and by request.

Less annual reporting of violations of construction sites and illicit discharges and illegal dumping is a measure of assessing the overall effectiveness of this BMP.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with the educational program and dedicating a section of website specifically to stormwater pollution prevention.

BMP Name: Post stormwater educational materials in City website

Category: Webpage

Personnel Position/Department: City of Yuma Engineering Department

BMP Description :

Implement and maintain stormwater educational materials and messages in City website.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Targeted Audience: City Residents and Development Communities **Frequency:** 1 Two times per year

Milestone Description:

Stormwater educational materials and messages in City website with latest updates

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Provide useful information about the SWMP to the public via the City of Yuma website.

:Stormwater information, including copies of the SWMP and NOI, with links to SWMP, has been available on the City of Yuma website since August 2004. The City updates the information to keep it current and changes the methods of publicizing, if necessary, to increase website utilization as appropriate.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Implement, maintain and update as necessary stormwater educational messages on the City of Yuma website with links to appropriate web pages (such as those of the EPA and ADEQ) and with a link to the e-mail of the City's contact person.

BMP Name: Education Materials to Development Community

Category: Mail Distribution

Personnel Position/Department: City of Yuma Engineering Department

BMP Description :

The City sends; annually, educational materials to the development community

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Targeted Audience: Development Communities **Frequency:** 1 Annually

Milestone Description:

Emphasis of impacts of stormwater pollution into the Colorado River that has been designated as impaired for dissolved oxygen and selenium.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Distribution of educational materials about stormwater pollution to the development community has decreased stormwater pollution discharging into storm drains. These materials are effective tools for educating the general public.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Educate the public about stormwater pollution sending annually educational materials.

BMP Name: Publish stormwater educational materials on TV

Category: Local PSAs

Personnel Position/Department: City of Yuma Engineering Department

BMP Description :

The City has published PSA in the local TV channels.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Targeted Audience: City Residents and Development Communities
Frequency: 1 Monthly

Milestone Description:

Produce Public Service Announcement PSA for telecast annually running monthly to reach a wide spectrum of audience.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Produce and telecast Public Service Announcements (PSAs) about stormwater issues for the City News program on local cable television.

Produce one stormwater PSA for telecast annually and run each month, varying times and days of the week to ensure reaching as broad an audience as possible. Include in overall assessment of the cable television programming to evaluate whether the message has been received and if the subject matter is effective.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Inform the general public about stormwater pollution prevention methods & issues via cable television

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BMP Name: Publish stormwater educational articles in newspapers

Category: Article

Personnel Position/Department: City of Yuma Engineering Department

BMP Description :

The City publishes; annually, stormwater pollution articles in the daily English and Spanish newspapers.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Targeted Audience: City Residents and Development Communities
Frequency: 1 Annually

Milestone Description:

Annually publishing stormwater articles on newspapers for information about the City SWMP and NOI.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Inform the general public about stormwater issues via newspaper. Involving English and Spanish residents who read daily news papers in impacts of stormwater pollution will decrease violations.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Stormwater pollution prevention educational articles will be published in both English and Spanish in local newspapers.

Question: Minimum Control Measure 1: Public Education and Outreach, Did the program implement any additional BMPs during this reporting period?

Answer:

Did the program implement any additional BMPs during this reporting period? No

Provide a summary of compliance with the requirements for Minimum Control Measure1.

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The City sends, annually, educational materials to the development community for emphasis of impacts of stormwater pollution into the Colorado River that has been designated as impaired for dissolved oxygen and selenium.

Question: For each BMP in the Minimum Control Measure 2: Public Involvement and Participation, what was completed during this reporting period?

Answer:

BMP Name: Continue compliance with state and local public notice requirements

Category: Public Involvement

Personnel Position/Department: City of Yuma Engineering Department

BMP Description :

Continue compliance with state and local public notice requirements for new stormwater regulations and ordinance to get the public's input in the proposed ordinances and SWMP

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 Annually

Milestone Description:

Continuous compliance with state and local public notice requirements for documentation of public meetings, notices provided and comments/inputs received and reporting of activities to the State in annual basis.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Make the public aware of new ordinances and allow the public to participate in adoption of ordinances that affect the implementation of the SWMP.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

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Continue compliance with public notice requirements throughout the permit period, documentation of public meetings, notices provided and comments/inputs received and reporting of activities to ADEQ in an annual summary of activities.

BMP Name: Update City Council on SWMP in annual basis.

Category: Public Involvement

Personnel Position/Department: City of Yuma Department of Engineering

BMP Description :

Educate City Council and the public on the impementation of SWMP.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 Annually

Milestone Description:

Educate City Council annually.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Update the City Council annually to provide input into the annual report for the following year and for any amendments to the SWMP. Document comments from the general public and report on input received in each annual report.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Make the legislative body of the City and audience aware of stormwater compliance and water quality issues

BMP Name: Hold a public hearing on the SWMP and NOI.

Category: Public Participation

Personnel Position/Department: City of Yuma Department of Engineering

BMP Description :

Including the public to be involved and participate in the SWMP.

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Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 One time event

Milestone Description:

Held the public hearing on April 2004

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Decrease in the stormwater infrastructure pollution at construction sites.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Provide useful information to the public regarding the stormwater program in the latest revisions to the SWMP via the City of Yuma website:

BMP Name: Conduct annual cleanup of the stormwater collection system.

Category: Public Involvement

Personnel Position/Department: City of Yuma Engineering Department

BMP Description :

City conducted in the past, with the help of volunteers, catch basins stenciling program. No volunteers provided assistance in the last years. City switch to use City forces to clean all stormwater collection system components such as manholes and catch basins.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 One time event

Milestone Description:

Continue 301 catch basins and manholes at the Priority Area (P.A.) will be cleaned by June 2017. P.A. is the area draining into the Colorado River designated by ADEQ as impaired for dissolved oxygen and selenium.

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Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Date:

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Cleaning all manholes and catch basins with potential to discharge into the Colorado River. Goal is to minimize and eliminate the introduction of pollutants into the MS4 and the Colorado River. This is an annual program targeting cleaning the stormwater collection system at the P.A. once every three year.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Cleanup all stormwater manholes and catch basin at the priority area with hydraulic connection to the Colorado River

Question: For Minimum Control Measure 2: Public Involvement and Participation, Did the program implement any additional BMPs during this reporting period?

Answer:

Did the program implement any additional BMPs during this reporting period? No

Provide a summary of compliance with the requirements for Minimum Control Measure2.

The City of Yuma held a public hearing at a regular City Council meeting, complying with public notice requirements offering an opportunity for the public to give advice and guidance on BMPs and the overall SWMP. Also, during the renewal of this permit, or on the schedule for renewal as established by ADEQ, the City will provide an opportunity for the public to provide input for the next permit cycle and will meet all public notice requirements. The SWMP is available at City website at https://www.yumaaz.gov/documents/city-engineering-department/StormWater_Management_Program For public accessibility, the City has posted a copy of its SWMP and Notice of Intent (NOI) on its website and in City Hall. Annual reports are also available to the public and the City will follow all public notice requirements as required by permit.

Question: For each BMP in the Minimum Control Measure 3: Illicit Discharge Detection and Elimination Program, what was completed during this reporting period?

Answer:

BMP Name: Create outfall inspection program. during the dry season

Category: Dry Weather Screening

Personnel Position/Department: City of Yuma Public Works Department

BMP Description :

Outfall inspection program during the dry season to detect illicit discharges and illegal dumping into the storm drain.

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Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 Annually

Milestone Description:

Perform dry weather monitoring once every year.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Decrease illicit discharges from industrial facilities covered under the MSGP program by 100% at priority areas

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Determining the possible existence of illicit discharges, monitoring once every year

BMP Name: Create stormwater map that shows all outfalls and Waters of the United States.

Category: Written IDDE Procedures

Personnel Position/Department: City of Yuma Department of Engineering

BMP Description :

The map will help City determine, eliminate illicit discharges and illegal dumping to the stormwater collection system with potential of reaching the Waters of the United States

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 Annually

Milestone Description:

Update the stormwater map annually with progress of CIP projects.

Were milestones/measurable goals achieved for this reporting period? Yes

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Actual BMP Start 07/01/2018

Date:

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Decrease discharges from construction activities. post-construction activities, developed sites and industrial facilities.

Enables the City to track, eliminate and remove any illicit discharges or illegal dumping before reaching surface waters.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue to update Maps as land is developed and City grows

BMP Name: Annual Staff Training

Category: Staff Training

Personnel Position/Department: City of Yuma Engineering Department

BMP Description :

Update Building Safety, Code Enforcement and Inspection Staff on current City stormwater regulations and implementation.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 Annually

Milestone Description:

No of training employees - 40

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start 07/01/2018

Date:

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Stormwater training for City of Yuma Employees helps achieving SWMP goals.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

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Train staff for implementation and of erosion control measurements in design, construction and inspection.

BMP Name: Develop Illicit Discharge Detection and Elimination Ordinance

Category: Written IDDE Procedures

Personnel Position/Department: City of Yuma Engineering Department

BMP Description :

Illicit Discharge Detection and Elimination Ordinance to prevent introduction of non-stormwater substance into the stormwater collection system and the Waters of the United States

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 Annually

Milestone Description:

Adoption and implementation of this ordinance with enforcement mechanism

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Implementation of ordinance O2005-15 with enforcement strategies, as revised by the current ERP, that prohibit illicit discharges to the City's MS4, empowers the City to take appropriate action to detect and eliminate illicit discharges and to address illegal dumping into the MS4 and provides for corrective actions, since March 2005. The ERP provides faster response and better enforcement.

Effectiveness is measured by the number of violations, illicit discharges and illegal dumping.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue same activities.

BMP Name: Create outfall inspection program during the wet season

Category: Wet Weather Monitoring

Personnel Position/Department: City of Yuma Public Works Department

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BMP Description :

A new wet season inspection program will be in place as part of 2016 MS4 permit.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 Quarterly

Milestone Description:

The wet weather inspection will detect for illicit discharge after any storm that drops. The new illicit discharge detection and elimination program per the new 2016 MS4 permit will include wet weather monitoring for illicit discharges at the outfalls.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

A minimum of two sampling events per wet season at each outfall will be performed. The first wet season extends from June 1 to October 31 and the second wet season extends from November 1 to May 31. The City collects samples during the first two hours of the discharge with the first 30 minutes of discharge (first flush) collected whenever possible. Three samples are collected for each outfall during each discharge event, the results are averaged. If conditions are not safe or possible to collect samples from a certain outfall, the City collects a sample to the maximum extent practicable or from a different outfall.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Current activities will be continued.

BMP Name: Create complaint-receipt system.

Category: Implement IDDE Program

Personnel Position/Department: City of Yuma Department of Engineering

BMP Description :

Hotline phone system connected with 24 hours response.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 Daily

Milestone Description:

Create and implement complaint-receipt and follow up system to identify locations of illicit discharges, cleanup and actions maybe taken by the City per Ordinance No. O2005-15

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Complaint hotline to receive reports from the public to detect illicit discharges. During their field inspections, Public Works crews and Community Development building Inspectors report any illicit discharge or illegal dumping to the (Engineering Department). In addition there is an email (storm@yumaz.gov) . The City documents its dry-weather monitoring program, hotline complaints and complaints reported by staff.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

The number of personnel with access to the email will be expanded for more prompt response.

BMP Name: Enforcement Response Plan (ERP)

Category: Written IDDE Procedures

Personnel Position/Department: City of Yuma Engineering Department

BMP Description :

Faster and more efficient implementation of all stormwater regulations.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 10/01/2017

Targeted End Date: 09/30/2018

Frequency: 1 Annually

Milestone Description:

Developed and implement ERP to adequately enforce procedures that satisfy the requirements of this permit to control pollutant discharges into its MS4.

ERP went in full effect by 7/15/2018

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Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Date:

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Implementation of ordinance O2005-15 with enforcement strategies, as revised by the ERP, that prohibit illicit discharges to the City's MS4, empowers the City to take appropriate action to detect and eliminate illicit discharges and to address illegal dumping into the MS4 and provides for corrective actions, since March 2005. The ERP provides faster response and better enforcement.

The number of potential violations of construction sites, illicit discharges and illegal dumping will be used as a measure to assess the overall effectiveness of this BMP.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

1. Dry weather monitoring of outfalls
2. Wet weather monitoring of outfalls
3. A complaint hotline to receive reports from the public to detect illicit discharges.
4. During their field inspections, Public Works crews and Community Development building Inspectors will report any illicit discharge or illegal dumping to the MS4. (Opportunistic Inspections).
5. The City keeps registers to document its dry-weather monitoring program, hotline complaints and complaints reported by staff. The City also has an investigation system for tracing illicit discharges and illegal dumping with full coordination of Code Enforcement staff in Public Works and Community Development Departments. If required, the City will send samples of any non-stormwater substance detected in its MS4 to a State-approved laboratory for testing.
6. Indicators of this IDDE program include opportunistic inspections by City staff during their regular duties, building and engineering inspectors' reports to hotline and email to storm@yumaaz.gov. Response time to inspection, time from discovery to elimination, removal of illicit discharges, enforcement level and classification of violation are detailed in Appendix F of this document "Enforcement Response Plan".

Question: For Minimum Control Measure 3: Illicit Discharge Detection and Elimination Program, Did the program implement any additional BMPs during this reporting period?

Answer:

Did the program implement any additional BMPs during this reporting period? No

Provide a summary of compliance with the requirements for Minimum Control Measure 3.

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The illicit discharge detection and elimination program includes wet weather monitoring for illicit discharges at the outfalls.

Question: Were staff trained in IDDE Awareness and Response?

Answer:

Yes

Sr.No.	Date of Training Event	Training Subject	Number of Employees Trained	Frequency of Training
1	06/26/2019	Stormwater Regulations	40	Annually

Question: Minimum Control Measure 1: Illicit Discharge Detection and Elimination Program, Provide the details of the Illicit Discharge Detection and Elimination (IDDE) incidents that occurred during this reporting period.

Answer:

Number of IDDE incidents reported in this reporting period: 3

Number of IDDE incidents responded to in this reporting period: 3

Sr.No.	Enforcement Actions	Enforcements Issued	Enforcements Resolved	Enforcements Unresolved
1	NOV	0	0	0
2	NOC	3	3	0
3	Stop Work	0	0	0
4	Admin Order	0	0	0
5	Admin Fines	0	0	0
6	Civil Penalties	0	0	0
7	Criminal Action	0	0	0
	Total	3	3	0

Question: Were there any unpermitted discharges to the MS4?

Answer: No

Question: Were any samples collected to characterize illicit discharge(s) in this reporting period?

Answer: No

Number of Illicit Discharges Sampled are: No illicit discharges reported.

Question: For each BMP in the Minimum Control Measure 4: Construction Activity Stormwater Runoff Control, what was completed during this reporting period?

Answer:

BMP Name: Develop and implement complaint-receipt program for construction sites.

Category: Enforcement

Personnel Position/Department: City of Yuma Department of Engineering

BMP Description :

Development and implementation of construction site complaint-receipt program system to receive public complaints and follow up.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 Annually

Milestone Description:

Assist achieve the goals of erosion control ordinance. The complaint-receipt program is part of the City enforcement strategy.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

The City will utilize the ERP to evaluate indicators of functionality of this program and track its success.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Complaint-receipt system for involvement of staff, public and implementation of erosion control ordinance from construction sites.

BMP Name: Create and distribute educational materials

Category: Education/Public Involvement

Personnel Position/Department: City of Yuma Department of Engineering

BMP Description :

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Create educational materials for the development community about erosion control ordinance.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 Annually

Milestone Description:

Involve the development community to be educated about erosion control ordinance and help implement its components.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

To educate development community to become a helpful factor in achieving the goals or reducing construction site runoff and the ultimate goals of the SWMP.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Technical guidance materials to assist designers in achieving the goals of erosion control ordinance from construction sites

BMP Name: Develop and implement inspection and enforcement program for construction site runoff.

Category: Inspections

Personnel Position/Department: City of Yuma Department of Engineering

BMP Description :

Prepare standard procedures for inspection and enforcement of erosion control ordinance.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 One time event

Milestone Description:

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To help achieving the goals of erosion control ordinance. The City inspection and enforcement program became part of issuance of certificate of occupancy, revoking of permits, stop order or issuance of violations.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

SOP describes the procedures that will be used to support Chapter 156 of Yuma City Code "Erosion and Sediment Control." This SOP offers procedures for inspections and enforcement of control measures at construction sites that fall under the umbrella of Ordinance O2006-38.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

This SOP gets revised and inputted with the SWMP as necessary.

BMP Name: Develop policies and procedures for plan review process.

Category: Enforcement

Personnel Position/Department: City of Yuma Department of Engineering

BMP Description :

Develop policies and procedures for plan review process.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 One time event

Milestone Description:

Develop and implement erosion and sediment control ordinance with plan review, inspection and enforcement to achieve goals of this MCM. The policies became part of the City plan review, approval, disapproval process as well as issuance of stop order and violations.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

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Improve monitoring of construction activity with NOI/NOT stormwater pollution prevention from waste produced by construction activities

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Construction with the SWPPP plans and NOI/NOT are updated in an inventory list by the Civil Engineers reviewing the plans to assist City inspectors and construction operators with implementing and maintaining BMPs during construction to prevent the stormwater pollution

BMP Name: Control waste from construction sites

Category: Control Wastes

Personnel Position/Department: City of Yuma Engineering Department

BMP Description :

Construction operators are required to implement measures to control waste from construction sites falling under the umbrella of the construction program, as detailed in MCM No. 4 of the SWMP.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 Annually

Milestone Description:

Better implementation and control of pollution prevention from waste produced by construction activities

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Implementation of these measure to control waste from construction sites falling under the umbrella of the construction program, as detailed in MCM No 4. of the SWMP, will improve quality of stormwater runoff from construction sites and ultimately achieve the goals of SWMP.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Better implementation and control of pollution prevention from waste produced by construction activities

BMP Name: Develop and implement technical guidance material.

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Category: Site Plan Review

Personnel Position/Department: City of Yuma Department of Engineering

BMP Description :

Introduce technical guidance materials to help architects, engineers, designers and contractors to implement best management practices of erosion control plans.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 One time event

Milestone Description:

City adopted Maricopa County Erosion Control Drainage Design Manual to help architects, engineers, designers and contractors to implement best management practices of erosion control plans. The technical guidance became part of the City plan review process.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Technical guidance materials to assist designers in achieving the of erosion control ordinance from construction sites

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Better implementation of erosion control measurements in design, construction and inspection

BMP Name: Develop and implement erosion and sediment control ordinance

Category: Erosion/ Sediment Control

Personnel Position/Department: City of Yuma Engineering Department

BMP Description :

Develop and implement the erosion control ordinance with plan review, inspection and enforcement mechanism for construction sites that distribute one or more acres.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 Daily

Milestone Description:

Ordinance with plan review, inspection and enforcement components for full implementation of Ordinance O2006-38

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Implementation of erosion control ordinance in plan review, inspection and enforcement improves quality of runoff construction sites and achieve the goals of SWMP.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Better implementation of erosion control measurements in design, construction and inspection

BMP Name: Training

Category: Construction Operator Training

Personnel Position/Department: City of Yuma Engineering Department

BMP Description :

Train development community to achieve the goals of erosion control ordinance

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 Annually

Milestone Description:

Tangible reduction and elimination of pollutants from construction site stormwater runoff with inspection and enforcement procedures

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

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Construction operators are required to implement measures to control waste from construction sites falling under the umbrella of this program. Waste generated from construction sites includes but not limited to discarded building materials, paints, fertilizers, concrete wash out, chemicals, litter, and sanitary wastes. Construction waste shall be removed or retained on the construction sites without exposure to stormwater for a period not exceeding 14 calendar days.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Train development community to achieve the goals of erosion control ordinance

Question: For Minimum Control Measure 4: Construction Activity Stormwater Runoff Control, Did the program implement any additional BMPs during this reporting period?

Answer:

Did the program implement any additional BMPs during this reporting period? No

Provide a summary of compliance with the requirements for Minimum Control Measure4.

All construction sites in the Priority Area (P.A. are the City areas that drain to the Colorado River), with one or more acres, have additional requirements in SWPPP development and inspection to prevent the introduction of discharges that cause exceedance of selenium per additional control measure No. 1.

Question: Were any construction activity operator training events conducted?

Answer:

Yes

Sr.No.	Date of Training Event	Training Subject	Number of Employees Trained	Frequency of Training
1	06/26/2019	Stormwater Regulations	40	Annually

Question: Minimum Control Measure 4: Construction Activity Stormwater Runoff Control, Provide the details of the construction activity complaints and inspections that were conducted during this reporting period.

Answer:

Number of active construction sites in this reporting period: 34
Has an inspection frequency been developed and implemented? YES
Number of active construction sites inspected at least weekly: 0
Number of active construction sites inspected at least monthly: 68
Number of active construction sites inspected at least one time every six months: 0

Number of active construction sites inspected at least annually: 0

Number of active construction sites not inspected: 0

Number of active construction sites that required re-inspections in this reporting period: 0

Number of construction activity complaints received in this reporting period: 0

Number of construction activity complaints that were resolved or responded to: 0

Sr.No.	Enforcement Actions	Enforcements Issued	Enforcements Resolved	Enforcements Unresolved
1	NOV	0	0	0
2	NOC	2	2	0
3	Stop Work	0	0	0
4	Admin Order	0	0	0
5	Admin Fines	0	0	0
6	Civil Penalties	0	0	0
7	Criminal Action	0	0	0
	Total	2	2	0

Question: For each BMP in the Minimum Control Measure 5: Post-Construction Stormwater Management in New Development and Redevelopment, what was completed during this reporting period?

Answer:

BMP Name: Develop policies and procedures for plan review process in post construction

Category: Site Plan Reviews

Personnel Position/Department: City of Yuma Department of Engineering

BMP Description :

Develop plan review process of requirements of post-construction ordinance and incorporate that in the plan review procedures and permit issuance

Is another government entity responsible for this BMP ? No

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Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 One time event

Milestone Description:

To help achieve the goals of post-construction ordinance.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

SOP describes the procedures used to support Chapter 195 of Yuma City Code "Post-Construction Stormwater Runoff." and to ensure that post-construction and developed sites that fall under this Section are:

1. Having SWPPP designed per the Plan Review Checklist; and
2. Being inspected to ensure that the measures indicated in the SWPPP are installed adequately and meeting their intended design goals.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

SOP is revised and updated with the SWMP as necessary.

BMP Name: Develop and implement post construction runoff ordinance

Category: O&M Procedures

Personnel Position/Department: City of Yuma Engineering Department

BMP Description :

Develop and implement the ordinance with the plan review, inspection and enforcement mechanism for post-construction site that disturbs one or more acres.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 Daily

Milestone Description:

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Ordinance with plan review, inspection and enforcement components for full implementation of prevention and reduction of post-construction stormwater pollution.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Control of post-construction site runoff. List of these sites can be monitored through inspection and maintenance program between owners and the City.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Enforcement component of Ordinance O2006-38 will be revised to be consistent with the ERP.

BMP Name: Develop and implement technical guidance materials.

Category: Structural/Non-Structural BMP

Personnel Position/Department: City of Yuma Department of Engineering

BMP Description :

Introduce technical guidance materials to help architects, engineers, designers and contractors to implement best management practices of post-construction ordinance.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 One time event

Milestone Description:

City adopted Maricopa County Erosion Control Drainage Design Manual to help architects, engineers, designers and contractors to implement best management practices of post-construction ordinance.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Date:

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

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Develop and adopt technical guidance materials that address the design, installation, and maintenance of structural post-construction stormwater runoff BMP

Reduce the pollutants in post-construction site runoff to the maximum extent practicable.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with updating as necessary

BMP Name: Create Inventory of Industrial Facilities

Category: Inventory

Personnel Position/Department: City of Yuma Engineering Department

BMP Description :

Inventory of industrial facilities in the Priority Area

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 Monthly

Milestone Description:

Prevent unauthorized and polluted discharges from industrial facilities into the MS4

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

The City has developed Stormwater Pollution Prevention Plans (SWPPP) for all its MSGP covered facilities with emphasis for facilities within the P.A.:

- a. Figueroa Waste Water Treatment Plant
- b. Fleet Maintenance Shop
- c. Desert Dunes Waste Water Treatment Plant
- d. Desert Hills Golf Course Maintenance Facility.
- e. Police Department Evidence Facility at Kyla Avenue

Establish an inventory for all industrial facilities in the P.A. with potential of discharge into the MS4. Goal is to protect MS4 and achieve goals of SWMP.

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Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

1. All facilities are inspected quarterly, with a comprehensive annual inspection and testing.
2. SWPPP for these facilities are updated annually, with priority status updated and inspection frequency modified as required.
3. SWPPP plans contain the appropriate best management practices (BMPs) and control measures. The intent of the BMPs and control measure is to reduce and eliminate the discharge of pollutants from the facility into the MS4 or the Waters of the US.
4. Annual training is provided to the staff at these facilities to incorporate pollution prevention and good housekeeping techniques into daily operations and maintenance activities.

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5. All SWPPPs for these facilities include maintenance schedules, long-term inspections procedures for structural control such as retention basins and storm underground structure. Non-structural controls are revised and maintained for the same goal.

BMP Name: Develop and implement inspection and enforcement program for post-construction sites runoff control.

Category: Enforcement

Personnel Position/Department: City of Yuma Department of Engineering

BMP Description :

Prepare standard procedures for inspection and enforcement of post-construction runoff ordinance.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 One time event

Milestone Description:

To help achieve the goals of post-construction ordinance.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Inspection program for post-construction stormwater runoff. Plan review is used as a mechanism to require inspection and maintenance programs of BMPs. Goal is to protect MS4 and river.

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Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Review effectiveness of SOP and modify if necessary

Require all post construction site runoff to be monitored under city Engineering department.

BMP Name: Create and distribute educational materials to prevent and reduce stormwater pollution

Category: Educational

Personnel Position/Department: City of Yuma Department of Engineering

BMP Description :

Create education materials for the developing community about post-construction ordinance.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 Annually

Milestone Description:

Involve the developing community to be educated about post-construction ordinance

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Training sessions and information letters help raise the awareness about stormwater pollution.

Development community are getting more familiar with stormwater pollution. Plan review can be utilized as a tool to measure effectiveness of this BMP.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Evaluate and distribute educational materials as-needed

Question: For Minimum Control Measure 5: Post-Construction Stormwater Management in New Development and Redevelopment, Did the program implement any additional BMPs during this reporting period?

Answer:

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Did the program implement any additional BMPs during this reporting period? No

Provide a summary of compliance with the requirements for Minimum Control Measure5.

All Post-construction sites and pre-development sites, with one or more acres , in the priority area (P.A are the City area that drain to the Colorado River) have additional requirements in SWPPP development and inspection to prevent the introduction of discharges that cause depletion of dissolved oxygen and selenium per additional control measure No. 1

Question: Minimum Control Measure 5: Post-Construction Stormwater Management in New Development and Redevelopment, Provide the details of the Post-Construction Stormwater controls used during this reporting period

Answer:

Number of sites that required Post-Construction Stormwater controls in this reporting period: 1

Number of Post-Construction Stormwater controls inspected in this reporting period: 1

Sr.No.	Enforcement Actions	Enforcements Issued	Enforcements Resolved	Enforcements Unresolved
1	NOV	0	0	0
2	NOC	0	0	0
3	Stop Work	0	0	0
4	Admin Order	0	0	0
5	Admin Fines	0	0	0
6	Civil Penalties	0	0	0
7	Criminal Action	0	0	0
	Total	0	0	0

Question: For each BMP in the Minimum Control Measure 6: Pollution Prevention and Good Housekeeping, what was completed during this reporting period?

Answer:

BMP Name: Cleaning Basins

Category: Maintenance Schedule

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Facility Information:

Priority Area

Basin with connection to to the Colorado River

Desert Hills Golf Course Parks

City wide

Engineering, Public Works, Utilities and Community Development Staff

Public Works Fleet Shop

Figueroa Avenue Water Pollution Control Facility

Desert Dunes Water Reclamation Facility

Kyla Police Evidence Storage Facility

Personnel Position/Department: City of Yuma Public Works

BMP Description :

Clean the basins.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 Annually

Milestone Description:

Evaluate basin cleaning operations and practices to ensure that all operations, standard procedures take into consideration stormwater pollution prevention components.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Cleaning of detention basins provide cleaner stormwater at outfalls.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Clean all stormwater detention basins that get pumped to the river.

BMP Name: Updating Engineering Standards

Category: Written Procedures

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Facility Information:

Priority Area

City wide

Personnel Position/Department: City of Yuma Engineering Department

BMP Description :

Update the City's Engineering Standards as required with the best management practices for construction standards.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 One time event

Milestone Description:

Add best management practices to City's Construction Standards to address the issue of the impairment of the River

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Engineering standards were updated in 2018.

Good post-construction BMPs at P.A. provide cleaner stormwater discharges at the River with emphasis on selenium.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue evaluating effectiveness and update if necessary

Reduce selenium concentration

BMP Name: Evaluate street sweeping operations and practices

Category: Maintenance Activities

Facility Information:

City wide

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Priority Area

Engineering, Public Works, Utilities and Community Development Staff

Basin with connection to to the Colorado River

Desert Hills Golf Course Parks

Public Works Fleet Shop

Figueroa Avenue Water Pollution Control Facility

Desert Dunes Water Reclamation Facility

Kyla Police Evidence Storage Facility

Personnel Position/Department: City of Yuma Engineering Department

BMP Description :

City wide operation.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 Weekly

Milestone Description:

Evaluate street sweeping operations and practices ensuring that all the operations, standard procedures take into consideration stormwater prevention components.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Evaluate the City's street sweeping program to determine if operations should be revised in order to minimize pollutant discharges to the MS4 outfalls. Develop new schedule or equipment changes if necessary to achieve performance goals established in the evaluation.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Evaluate street sweeping practices and schedule to determine effectiveness in addressing public street runoff impacts on stormwater quality in MS4

BMP Name: Create inventory of the construction projects

Category: Inventory

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Facility Information:

City wide

Priority Area

Kyla Police Evidence Storage Facility

Engineering, Public Works, Utilities and Community Development Staff

Basin with connection to to the Colorado River

Public Works Fleet Shop

Figueroa Avenue Water Pollution Control Facility

Desert Dunes Water Reclamation Facility

Desert Hills Golf Course Parks

Personnel Position/Department: City of Yuma Engineering Department

BMP Description :

Create inventory for the public and private construction projects required to prepare the SWPPP (greater than or equal to one acre or in the priority area)

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 Weekly

Milestone Description:

Regular update the inventory as the project plans are reviewed in the plan review process

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Date:

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

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Require owners with construction sites that disturb one or more acres and located within ¼ mile of the River to develop and submit SWPPP and Monitoring Plan to the City. Owners must submit the same to ADEQ and obtain approval prior to start of construction.

Require owners with post-construction discharge potential to install BMPs that will reduce selenium and pollutants that will lower dissolved oxygen.

Perform selenium and sediment, temperature monitoring and any possible element or compound that may reduce dissolved oxygen.

Help City implement its ordinance and comply with state regulations. list of projects provide good mechanism of implementation of SWPPP, NOI and NOT.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Prevent unauthorized and polluted discharges from construction or industrial facilities into the the MS4.

BMP Name: Inspection

Category: Inspections

Facility Information:

Desert Hills Golf Course Parks

City wide

Priority Area

Engineering, Public Works, Utilities and Community Development Staff

Basin with connection to to the Colorado River

Public Works Fleet Shop

Figueroa Avenue Water Pollution Control Facility

Desert Dunes Water Reclamation Facility

Kyla Police Evidence Storage Facility

Personnel Position/Department: City of Yuma Engineering Department

BMP Description :

Regular Inspections to implement SWPPP to prevent and reduce stormwater runoff from facility.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Main Office

1110 W.Washington Street . Phoenix, AZ 85007
(602)771-2300

Southern Regional Office

400 W.Congress Street . Suite 433 . Tucson, AZ 85701
(520)628-6733

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Frequency: 1 Annually

Milestone Description:

Update SWPPP and perform annual comprehensive facility inspections in compliance with AZPDES MSGP

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

1. All facilities are inspected quarterly, with a comprehensive annual inspection and testing.
2. SWPPP for these facilities are updated annually, with priority status updated and inspection frequency modified as required.
3. SWPPP plans contain the appropriate best management practices (BMPs) and control measures. The intent of the BMPs and control measure is to reduce and eliminate the discharge of pollutants from the facility into the MS4 or the Waters of the US.
4. Annual training is provided to the staff at these facilities to incorporate pollution prevention and good housekeeping techniques into daily operations and maintenance activities.
5. All SWPPPs for these facilities include maintenance schedules, long-term inspections procedures for structural control such as retention basins and storm underground structure. Non-structural controls are revised and maintained for the same goal.

Regular inspection of all BMPs in all industrial SWPPPs for all City facilities.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue and evaluate as necessary

Implementation of all BMPs in all industrial SWPPPs for all city facilities.

BMP Name: Stormwater detention basins cleanup program

Category: O&M Procedures

Facility Information:

Priority Area

Basin with connection to to the Colorado River

Desert Hills Golf Course Parks

City wide

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Personnel Position/Department: City of Yuma Public Works Department

BMP Description :

Annual cleanup of stormwater detention basin.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 Annually

Milestone Description:

Cleanup all detention basins that pump or release controlled flow into the MS4 to the Colorado River annually.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Evaluate City operations and maintenance activities and as well as City-owned facilities to determine if stormwater pollutants are being reduced to the maximum extent practicable.

Cleaning of detention basins provide cleaner sotrmwater at outfalls.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with program

Clean all stormwater detention basins that get pumped to the river directly or indirectly.

BMP Name: Train City Staff about stormwater pollution

Category: Training

Facility Information:

Desert Hills Golf Course Parks

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City wide

Personnel Position/Department: City of Yuma Engineering Department

BMP Description :

Train staff to implement BMPs in City-owned industrial facilities

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 Annually

Milestone Description:

Understanding of stormwater pollution and help implementation of the SWMP

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Inform City employees of water quality issues related to City operations; reduce pollution from municipal operations and empower employees to carry out their responsibilities day to day with the goal of minimizing impacts on water quality.

Develop and implement employee training program; train employees twice annually. Evaluation of training is required to assess achieving the goals of the SWMP.

Better implementation of stormwater pollution measures control in design, construction, inspection, and enforcement.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

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Train staff to implement BMPs in City-owned industrial facilities

Question: For Minimum Control Measure 6: Pollution Prevention and Good Housekeeping, Did the program implement any additional BMPs during this reporting period?

Answer:

Did the program implement any additional BMPs during this reporting period? No

Provide a summary of compliance with the requirements for Minimum Control Measure6.

This MCM has three best Management practices (BMPs). All BMPs had been and are evaluated to be effective and achieving the identified measurable goals set in the SWMP.

Question: Was staff training conducted?

Answer:

Yes

Sr.No.	Date of Training Event	Training Subject	Number of Employees Trained	Frequency of Training
1	06/26/2019	Stormwater Regulations	40	Annually

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CERTIFICATION OF SUBMISSION

JEFFREY AKRAMER

You validated your identity by answering your personal security question and password on myDEQ at **01:38 PM** on **09/24/2019**. At this time, you certified the summary information above by checking that you agreed to the following statement:

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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