



**ARIZONA DEPARTMENT
OF
ENVIRONMENTAL QUALITY**



1110 West Washington Street Phoenix, Arizona 85007
(602) 771-2300 www.azdeq.gov

DMR

MS4 NAME #: YUMA COUNTY MS4

AZPDES #: AZSM65709

REPORTING PERIOD: DMR 07/01/2018 - 06/30/2019

SUBMIT DATE : 10/03/2019

DMR SUBMIT SUMMARY

OUTFALL INFORMATION

Outfall Name/Number	1A	RW Name:	UNKNOWN EPHEMERAL WATER
Type		Source	New

Visual Monitoring Details

Season Sample : Winter Wet NOV 01 - MAY 31 , 02/01/2019

No Discharge Reason:	No Discharge from outfall	Color:	
Sheen:		Solids:	
Foam:		Odor:	
Other:	NO DISCHARGE		

Season Sample : Winter Wet NOV 01 - MAY 31 , 03/11/2019

No Discharge Reason:	No Discharge from outfall	Color:	
Sheen:		Solids:	
Foam:		Odor:	
Other:	NO DISCHARGE		

Season Sample : Summer Wet JUN 01 - OCT 31 , 10/01/2018

No Discharge Reason:	No Discharge from outfall	Color:	
Sheen:		Solids:	
Foam:		Odor:	
Other:	NO DISCHARGE		

Season Sample : Summer Wet JUN 01 - OCT 31 , 08/15/2018

No Discharge Reason:	No Discharge from outfall	Color:	
Sheen:		Solids:	
Foam:		Odor:	
Other:	NO DISCHARGE		

OUTFALL INFORMATION

Outfall Name/Number	2A	RW Name:	UNKNOWN EPHEMERAL WATER
Type		Source	New

Visual Monitoring Details

Season Sample : Summer Wet JUN 01 - OCT 31 , 08/15/2018

No Discharge Reason:	No Discharge from outfall	Color:	
Sheen:		Solids:	
Foam:		Odor:	
Other:	NO DISCHARGE		

Season Sample : Summer Wet JUN 01 - OCT 31 , 10/01/2018

No Discharge Reason:	No Discharge from outfall	Color:	
Sheen:		Solids:	
Foam:		Odor:	
Other:	NO DISCHARGE		

Season Sample : Winter Wet NOV 01 - MAY 31 , 02/01/2019

No Discharge Reason:	No Discharge from outfall	Color:	
Sheen:		Solids:	
Foam:		Odor:	

Other:	NO DISCHARGE
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Season Sample : Winter Wet NOV 01 - MAY 31 , 03/11/2019

No Discharge Reason:	No Discharge from outfall	Color:	
Sheen:		Solids:	
Foam:		Odor:	
Other:	NO DISCHARGE		

OUTFALL INFORMATION

Outfall Name/Number	3A	RW Name:	UNKNOWN EPHEMERAL WATER
Type		Source	New

Visual Monitoring Details

Season Sample : Summer Wet JUN 01 - OCT 31 , 08/15/2018

No Discharge Reason:	No Discharge from outfall	Color:	
Sheen:		Solids:	
Foam:		Odor:	
Other:	NO DISCHARGE		

Season Sample : Summer Wet JUN 01 - OCT 31 , 10/01/2018

No Discharge Reason:	No Discharge from outfall	Color:	
Sheen:		Solids:	
Foam:		Odor:	
Other:	NO DISCHARGE		

Season Sample : Winter Wet NOV 01 - MAY 31 , 02/01/2019

No Discharge Reason:	No Discharge from outfall	Color:	
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Sheen:		Solids:	
Foam:		Odor:	
Other:	NO DISCHARGE		

Season Sample : Winter Wet NOV 01 - MAY 31 , 03/11/2019

No Discharge Reason:	No Discharge from outfall	Color:	
Sheen:		Solids:	
Foam:		Odor:	
Other:	NO DISCHARGE		

OUTFALL INFORMATION

Outfall Name/Number	4A	RW Name:	UNKNOWN EPHEMERAL WATER
Type		Source	New

Visual Monitoring Details

Season Sample : Summer Wet JUN 01 - OCT 31 , 08/15/2018

No Discharge Reason:	No Discharge from outfall	Color:	
Sheen:		Solids:	
Foam:		Odor:	
Other:	NO DISCHARGE		

Season Sample : Summer Wet JUN 01 - OCT 31 , 10/01/2018

No Discharge Reason:	No Discharge from outfall	Color:	
Sheen:		Solids:	
Foam:		Odor:	
Other:	NO DISCHARGE		

Season Sample : Winter Wet NOV 01 - MAY 31 , 02/01/2019

No Discharge Reason:	No Discharge from outfall	Color:	
Sheen:		Solids:	
Foam:		Odor:	
Other:	NO DISCHARGE		

Season Sample : Winter Wet NOV 01 - MAY 31 , 03/11/2019

No Discharge Reason:	No Discharge from outfall	Color:	
Sheen:		Solids:	
Foam:		Odor:	
Other:	NO DISCHARGE		

OUTFALL INFORMATION

Outfall Name/Number	5A	RW Name:	UNKNOWN EPHEMERAL WATER
Type		Source	New

Visual Monitoring Details**Season Sample : Winter Wet NOV 01 - MAY 31 , 02/01/2019**

No Discharge Reason:	No Discharge from outfall	Color:	
Sheen:		Solids:	
Foam:		Odor:	
Other:	NO DISCHARGE		

Season Sample : Winter Wet NOV 01 - MAY 31 , 03/11/2019

No Discharge Reason:	No Discharge from outfall	Color:	
Sheen:		Solids:	

Foam:		Odor:	
Other:	NO DISCHARGE		

Season Sample : Summer Wet JUN 01 - OCT 31 , 08/15/2018

No Discharge Reason:	No Discharge from outfall	Color:	
Sheen:		Solids:	
Foam:		Odor:	
Other:	NO DISCHARGE		

Season Sample : Summer Wet JUN 01 - OCT 31 , 10/01/2018

No Discharge Reason:	No Discharge from outfall	Color:	
Sheen:		Solids:	
Foam:		Odor:	
Other:	NO DISCHARGE		

Certify your submission:

MARIA J GONZALEZ

You validated your identity by answering your personal security question and password on myDEQ at **03:42 PM** on **10/03/2019**. At this time, you certified the summary information above by checking that you agreed to the following statement:

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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Small MS4 Annual Report

ID #: AZSM65709

MS4 Name: YUMA COUNTY MS4

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

Main Office

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(602)771-2300

Southern Regional Office

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

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Annual Report Summary

Company Information

Name : YUMA COUNTY - DEPARTMENT OF DEVELOPMENT SERVICES
2351 W 26TH ST
YUMA
AZ , 85364

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

Answer: No

Question: Is stormwater sewer mapping 100 percent complete?

Answer: Yes

Provide the description of the measurable goal:

Yuma County's Geographic Information System (GIS) stormwater sewer map is complete including all infrastructure, MS4 outfalls, drainage areas, zoning districts, roads, jurisdictional boundaries, and impaired segments of receiving waters.

Question: Is outfall mapping 100 percent complete?

Answer: Yes

Number of outfalls mapped: 4

Provide the description of the measurable goal:

Yuma County's Geographic Information System (GIS) stormwater sewer map is complete including all infrastructure, MS4 outfalls, drainage areas, zoning districts, roads, jurisdictional boundaries, coordinates, and impaired segments of receiving waters.

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

Answer: Yes

Provide the description of the measurable goal:

Yuma County's Geographic Information System (GIS) stormwater sewer map is complete including all infrastructure, MS4 outfalls, drainage areas, zoning districts, roads, jurisdictional boundaries, and impaired segments of receiving waters. Please note, Yuma County does not discharge stormwater directly to Waters of the United States.

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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
Ordinance	YUMA COUNTY ORDINANCE REGULATING STORMWATER QUALITY MANAGEMENT AND THE DISCHARGE OF STORMWATER/ARTICLE III ILLICIT DISCHARGES/SECTION 301-304	10/15/2007	

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
Ordinance	YUMA COUNTY ORDINANCE REGULATING STORMWATER QUALITY MANAGEMENT AND THE DISCHARGE OF STORMWATER/ARTICLE V RUNOFF CONTROL/SECTION 501- 503	10/15/2007	

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

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Ordinance	YUMA COUNTY ORDINANCE REGULATING STORMWATER QUALITY MANAGEMENT AND THE DISCHARGE OF STORMWATER/ARTICLE VI POST CONSTRUCTION STORMWATER MANAGEMENT	10/15/2007	
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Question: For each BMP in the Minimum Control Measure 1: Public Education and Outreach, what was completed during this reporting period?

Answer:

BMP Name: PSA

Category: Local PSAs

Personnel Position/Department: Staff

BMP Description :

County TV 4 Times per month

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Targeted Audience: general public **Frequency:** 1 Daily

Milestone Description:

Ads are in a loop when the county channel is not producing any programs.

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

Actual BMP Start Date: 09/30/2016

Date:

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

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Yuma County operates a local government access cable channel (Channel 77) that is used to provide the public with information on the benefits of water quality protection and stormwater pollution concerns. This method of outreach targets the general public and is able to reach a broad audience of the County's population. The PSA stormwater telecast is effective in raising stormwater pollution awareness, familiarity with County services, and the Municipal Stormwater Pollution Prevention Program (MS4) in general.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Yuma County will continue to telecast PSA's to inform the general public on stormwater pollution prevention methods and issues on cable television.

Yuma County will continue to create educational material to target County employees with messages related to workplace pollution prevention and distribute to County facilities.

BMP Name: brochures

Category: Brochures

Personnel Position/Department: STAFF

BMP Description :

TWO PER YEAR. 300 COPIES PER LIBRARIES.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Targeted Audience: General Public **Frequency:** 2 Two times per year

Milestone Description:

Produce brochures for the website and for all the County libraries.

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

Actual BMP Start Date: 09/30/2016

Date:

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

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Public education to increase environmental awareness of water pollution is important in protecting local bodies of water. Yuma County Department of Development Services produced educational brochures for the general public relating to stormwater pollution prevention for this reporting period. Brochures were made available for general public use at Development Services Department, County libraries, Department Website, and hand outs during outreach events. The brochures were determined to be effective given that the Department did not receive complaints relating to swimming pool backwash, illicit discharges, and stormwater runoff. In addition, as an indicator of public interest in stormwater educational material, staff replaced brochures at certain County facilities. Moving forward, the County will continue creating educational brochures for general public use as a best management practice.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Yuma County will continue to distribute educational brochures regarding stormwater pollution prevention at County facilities and outreach events.

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 Measure 1.

The basic public education provided to residents of Yuma County is an effective and powerful tool in overall stormwater management. Yuma County has provided public education and outreach opportunities to the general public regarding the impacts of stormwater pollution including measures the community can take to prevent runoff. The best management practices implemented under this minimum control measure (1) provided familiarity with County stormwater services, citizen engagement, and regulatory compliance. Educational material to the general public consisted of public service announcements (PSA's), brochures, outreach forums, and webpage promotion. Overall, Yuma County has maintained permit compliance for MCM 1 and will continue to self evaluate program management.

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

Answer:

BMP Name: Meetings with Construction Personnel

Category: Public Participation

Personnel Position/Department: County Staff

BMP Description :

Meetings with Owners, engineers and construction personnel for about an hour and a half with County Staff about ordinances and related information to their construction parcels.

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:

Construction Personnel

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

Actual BMP Start Date: 09/30/2016

Date:

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

Yuma County has provided an opportunity for public involvement and participation in implementing its stormwater management program. Project assessment meetings are held at the Department of Development Services to inform and educate developers on rules and regulations concerning stormwater management prior to construction. A total of 22 project assessment meetings were performed this reporting period and the information provided to development became instrumental in ensuring consistency with MS4 compliance. Furthermore, Board of Supervisor meetings provided an opportunity for general public involvement related to proposed development in Yuma County. Members of the public can share information, express concerns, and question development standards including stormwater management during meetings.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Yuma County will continue to participate in pre-assessment meetings for proposed construction within Yuma County to inform and educate development of stormwater management requirements.

BMP Name: Website Storm water Management Plan

Category: Public Involvement

Personnel Position/Department: Environmental Staff

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7	Criminal Action	0	0	0
	Total	0	0	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 samples were collected to characterize illicit discharges during this reporting period because of no incidents reported and/or responded to by the County. In addition, inspections of representative outfalls were performed this reporting period with no discharge flow observed.

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: Construction Operator training

Category: Construction Operator Training

Personnel Position/Department: Environmental Staff

BMP Description :

Construction Operator Training is offered to all construction personnel.

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:

Construction Operator Training is offered to all construction personnel annually

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

Actual BMP Start Date: 09/30/2016

Date:

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

Yuma County is developing a specific program to provide education to construction activity operators on erosion and sediment controls. The estimated date of completion including public participation is May/2020 and the Environmental Programs staff will be responsible for performing training activities. Nevertheless, although the program is still a work in progress the County is confident that current practices employed already include erosion and sediment control information to construction operators in the form of project assessment meetings, project reviews, pre-construction meetings, and construction inspections. These current practices open channels of communication with operators on a case by case basis of which stormwater management specific to the construction activity is practiced.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Yuma County will continue to develop and implement a construction activity operator training program by May/2020 and document training activities for the following reporting period.

BMP Name: Procedures for construction

Category: Written Procedures

Personnel Position/Department: Environmental Staff

BMP Description :

We have written procedures for inspection of Construction sites for new environmental staff.

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 every two years

Milestone Description:

We count and have written procedures for inspection of Construction sites for new environmental staff before they start and every 2 years.

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

Actual BMP Start Date: 09/30/2016

Date:

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

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The environmental programs staff performs internal training of new staff incorporating orientation of the stormwater/MS4 program. Training for new staff consists of field inspections, plan reviews, complaint response, IDDE, and the County's stormwater management program. Additional training includes review of the County's stormwater infrastructure and Geographic Information Services (GIS). The training of staff members is necessary to ensure duties and/or functions are performed accordingly.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

The Environmental Programs section will continue to perform training of staff and document activities for the following reporting period.

BMP Name: Education of Inspectors

Category: Education/Public Involvement

Personnel Position/Department: County Staff

BMP Description :

We have presentations to county inspectors about construction sites.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 2 Two times per year

Milestone Description:

Presentations to Staff are counted.

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

Actual BMP Start Date: 09/30/2016

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

Inspector education and training is important in maintaining knowledgeable and competent personnel. In this reporting period, MS4 compliance inspectors attended ADEQ construction general permit draft meetings, field inspection orientation, and environmental health conferences indirectly linked to stormwater management. Experienced MS4 compliance staff self evaluated the department's inspection process and recommended that the frequency of inspections for construction activity shall be performed once a week. Additional training of staff consisted of plan reviews, field inspections, and structural/non structural control measures for stormwater runoff.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Yuma County will continue to perform inspector training and seek additional credentialing opportunities for stormwater management.

BMP Name: Inspection of wastes

Category: Control Wastes

Personnel Position/Department: Environmental Staff

BMP Description :

We do weekly inspection of waste on construction sites.

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:

we count the weekly waste inspection of construction sites.

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

Actual BMP Start Date: 09/30/2016

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

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Construction projects tend to generate a great portion of solid waste that must be management properly when considering pollution prevention. The Environmental Programs section performed site inspections at active construction sites once a week to prevent runoff from designated waste collection areas, containers, disposal, portable toilets, and on-site wastewater systems. Deficiencies noted during inspections were immediately addressed with corrective measures to ensure compliance and prevent contamination. The weekly inspections of construction wastes/materials was effective in preventing runoff and/or spills this reporting period.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Yuma county will continue to perform inspections of material wastes for active construction sites and document inspection reports with corrective measures for the following reporting period.

BMP Name: Construction

Category: Inspections

Personnel Position/Department: Environmental Staff

BMP Description :

Weekly Inspections of construction sites

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:

We count the Weekly Inspections of construction sites

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

Actual BMP Start Date: 09/30/2016

Date:

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

Yuma County considers the frequency of once a week inspections conducted for MS4 compliance to be an effective best management practice because inspections are performed during all phases of construction and deficiencies noted are immediately addressed. The program change to weekly inspections resulted in less corrections and better communication with construction operators, developers, and the general public. A total of 99 inspections were performed on 4 construction sites during this reporting period with minimal corrections.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

The frequency of inspections implemented by the Environmental Programs section for construction activities will continue to be performed for the following reporting period.

BMP Name: Site Plan Reviews

Category: Site Plan Review

Personnel Position/Department: Staff

BMP Description :

Staff meets owner and engineers before approval of construction permits and informs them of Storm water Laws, NOI and ADEQ permits.

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:

Construction permits information is presented to Construction Personnel about Storm water Laws, NOI and ADEQ permits.

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

Actual BMP Start Date: 09/30/2016

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

All projects submitted to the Department of Development Services (DDS) are reviewed by the Environmental Programs section with consideration to construction activity stormwater runoff control. Construction activities that will disturb one (1) acre or more automatically trigger an environmental MS4 compliance review upon input of disturbance area into the Departments permit software. Qualifying projects for MS4 compliance review must provide best management practices to prevent construction runoff including stabilized construction entrances, recycling of construction/demolition debris, disposal of waste concrete, stormwater inlet protection, sediment capture, etc. In addition, MS4 compliance project reviews must also provide the Department with necessary ADEQ permitting for CGP/SWPPP.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Yuma County will continue to perform project reviews for construction activity stormwater runoff control measures and document all permit activity for the following reporting period.

BMP Name: Sediment Control Inspection

Category: Erosion/ Sediment Control

Personnel Position/Department: Environmental Staff

BMP Description :

Checks construction inspections and calls the responsible party to keep sediment control down.

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:

we count inspections

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

Actual BMP Start Date: 09/30/2016

Date:

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

Sediment control inspections are performed on a weekly basis for active construction sites in an effort to control and/or remove sediment runoff. Sediment control inspections consist of water application for dust control, storm drain inlet/outlet protection, straw bale dikes, silt fences, and stabilized construction entrances. An additional best management practice utilized for sediment control is the dust complaint hotline number sign for active construction. The dust complaint sign has proven to be effective in addressing non-compliance concerns and must always be present on-site for public notice. The best management practices implemented for sediment control were effective in reducing pollutant runoff.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Yuma County will continue to perform sediment control inspections and document by completion of an inspection report for the following reporting period.

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 Measure 4.

Stormwater control measures performed this reporting period were effective in controlling runoff from construction activity. Best management practices applied included project assessment meetings, plan reviews, inspections, training, and inventory of construction sites. Project assessment meetings prior to construction provide an opportunity for discussion and informs developers of rules and regulations pertaining to storm water runoff. Project reviews performed by the Department ensured compliance with the Arizona Department of Environmental Quality in addition to standards and specifications for runoff controls such as drainage calculations, stormwater pollution prevention plans, buffer setbacks, and waste disposal. Inspections of construction sites guaranteed approved plans were adhered to and any deficiencies were addressed immediately. Training of staff consisted of education regarding stormwater runoff/environmental impact, MS4 compliance review, field inspections, and plan reviews. All active construction activity and/or sites during the reporting period was entered into the department's permitting software for inventory purposes. Yuma County has maintained permit compliance for this minimum control measure through the BMPs implemented for construction activity run off control.

Question: Were any construction activity operator training events conducted?

Answer:

No

Why weren't training events conducted?

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

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Yuma County is developing a specific program to provide education to construction activity operators on erosion and sediment controls. The estimated date of completion including public participation is May/2020. Once complete, the Environmental Programs section will perform training activities for construction operators.

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:** 4
- Has an inspection frequency been developed and implemented?** YES
- Number of active construction sites inspected at least weekly:** 4
- Number of active construction sites inspected at least monthly:** 4
- Number of active construction sites inspected at least one time every six months:** 4
- Number of active construction sites inspected at least annually:** 4
- Number of active construction sites not inspected:** 0
- Number of active construction sites that required re-inspections in this reporting period:** 4
- Number of construction activity complaints received in this reporting period:** 2
- Number of construction activity complaints that were resolved or responded to:** 2

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 5: Post-Construction Stormwater Management in New Development and Redevelopment, what was completed during this reporting period?

Answer:

BMP Name: Site Plan Reviews

Category: Site Plan Reviews

Personnel Position/Department: County Staff

BMP Description :

Site Plans are reviewed prior to construction Permits by County Staff

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:

we count the pre-development meetings.

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

Actual BMP Start Date: 09/30/2016

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

The Department of Development Services (DDS) site plan review process includes post construction runoff control measures for new and redevelopment projects that disturb at minimum an acre or less. The control measures involved in review include grading plans, draining calculations for on-site retention, buffer setbacks, and permanent stormwater retention/detention basins. The requirements of post construction stormwater control measures identified in construction plans by Yuma County have proven to be effective in maintaining permit compliance.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Main Office

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Southern Regional Office

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Milestone Description:

Yuma County Department of Development Services staff will continue to perform construction project reviews including post construction stormwater management controls.

BMP Name: Inventory

Category: Inventory

Personnel Position/Department: Environmental Staff

BMP Description :

We keep inventory of Post-construction Development and Redevelopment.

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:

We count the Inventory.

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

Actual BMP Start Date: 09/30/2016

Date:

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

The Department of Development Services has implemented and maintained an inventory of projects including post construction stormwater management measures for development sites. Inventory methods of projects consist of geographic information systems, physical records, permit software, and electronic records. All inventory is immediately available by conducting a search for the project file number, parcel number, address, name, description, and/or property location.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

The Department of Development Services will continue to maintain inventory of post construction stormwater activities for the following reporting period.

BMP Name: Structural/Non Structural BMP Meetings

Category: Structural/Non-Structural BMP

Personnel Position/Department: County Staff

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BMP Description :

Structural and Non Structural BMPs are discussed by County Planners, Engineers and other staff in pre-construction meetings

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:

Pre-construction meetings are counted.

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

Actual BMP Start Date: 09/30/2016

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

Flood Control Advisory Board meetings include participation from Department staff, private engineers, and the general public. Topics discussed in the meetings include structural/non structural stormwater runoff control measures with assessment of effectiveness from technical members. Additional topics include presentations and review of Community Improvement Projects (CIP) for communities in need of stormwater management within Yuma County. A total of 2 Flood Control Advisory Board meetings were held this reporting period all effective in providing technical guidance and input for stormwater control.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Flood Control Advisory Board meetings will continue to be performed for the following reporting period with opportunities for discussion regarding the County's stormwater management program.

BMP Name: Training of Maintenance Staff

Category: Training

Personnel Position/Department: Public Works Personnel

BMP Description :

Training of Maintenance Staff Personnel is kept.

Is another government entity responsible for this BMP ? No

Measurable Goals:

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Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 Monthly

Milestone Description:

The training is counted.

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

Actual BMP Start Date: 09/30/2016

Date:

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

Yuma County Department of Public Works is responsible for the maintenance of the County's storm sewer system. Public Works management performs maintenance training of staff including street sweeping, infrastructure, catch basin, retention/detention basins, discharge outfalls, and illicit discharge detection and elimination. The training of staff related to specific job duties continues to be an effective practice in overall stormwater management by recognizing illicit discharges, reducing pollutants, and savings on infrastructure costs.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Yuma County Department of Public Works will continue to train staff regarding the importance of maintenance for stormwater facilities.

BMP Name: Operation and Maintenance Procedures

Category: O&M Procedures

Personnel Position/Department: Public Works Staff

BMP Description :

Operation and Maintenance Procedures are kept by Public Works Staff

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:

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Public works Staff keeps records of O & M Procedures

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

Actual BMP Start Date: 09/30/2016

Date:

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

Yuma County Department of Public Works is responsible for the operation and maintenance of County roads and flood control facilities. Post construction runoff control measures include street sweeping of roads especially after a storm event to clean debris and sediment from entering the County's MS4 storm sewer system. The operation and maintenance performed by Public Works has proven to be an effective best management practice in reducing pollutants and stormwater infrastructure costs.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Yuma County Department of Public Works will continue to perform operation and maintenance of County roads and flood control facilities.

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:

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

Provide a summary of compliance with the requirements for Minimum Control Measure 5.

Post construction stormwater best management practices for this reporting period consisted of inventory maintenance, plan reviews, trainings, inspections and meetings. The activities performed during this reporting period were effective in preventing runoff by ensuring all construction projects retained stormwater with control measures. Developers and/or contractors are familiar with established Yuma County regulations preventing pollutant runoff and flooding during storm events by use of post construction stormwater management practices.

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: 4

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Number of Post-Construction Stormwater controls inspected in this reporting period: 4

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: No Facilities- 5

Category: Maintenance Schedule

Facility Information:

County Streets

Personnel Position/Department: STAFF

BMP Description :

NO 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:

NO FACILITIES.

Were milestones/measurable goals achieved for this reporting period? No

ADEQ Directed Yes

Change:

Provide a description of the reason(s) why milestones were not met and include measures that will be implemented to get back on schedule.

No facilities

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: Yes

Milestone Description:

BMP Name: No Facilities- 3

Category: O&M Procedures

Facility Information:

County Streets

Personnel Position/Department: STAFF

BMP Description :

NO 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:

NO FACILITIES

Were milestones/measurable goals achieved for this reporting period? No

ADEQ Directed Yes

Change:

Provide a description of the reason(s) why milestones were not met and include measures that will be implemented to get back on schedule.

No facilities

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: Yes

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Milestone Description:

BMP Name: No Facilities

Category: Inspections

Facility Information:

County Streets

Personnel Position/Department: Staff

BMP Description :

No 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:

No facilities.

Were milestones/measurable goals achieved for this reporting period? No

ADEQ Directed Yes

Change:

Provide a description of the reason(s) why milestones were not met and include measures that will be implemented to get back on schedule.

No Facilities.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: Yes

Milestone Description:

BMP Name: No Facilities- 2

Category: Maintenance Activities

Facility Information:

County Streets

Personnel Position/Department: staff

BMP Description :

no facilities

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 Annually

Milestone Description:

no facilities.

Were milestones/measurable goals achieved for this reporting period? No

ADEQ Directed Change: Yes

Provide a description of the reason(s) why milestones were not met and include measures that will be implemented to get back on schedule.

ADEQ directed change.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: Yes

Milestone Description:

BMP Name: No Facilities- 4

Category: Training

Facility Information:

County Streets

Personnel Position/Department: STAFF

BMP Description :

NO 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:

NO FACILITIES.

Were milestones/measurable goals achieved for this reporting period? No

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ADEQ Directed Yes

Change:

Provide a description of the reason(s) why milestones were not met and include measures that will be implemented to get back on schedule.

ADEQ directed change.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: Yes

Milestone Description:

BMP Name: No Facilities- 1

Category: Inventory

Facility Information:

County Streets

Personnel Position/Department: staff

BMP Description :

no 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:

no facilities.

Were milestones/measurable goals achieved for this reporting period? No

ADEQ Directed Yes

Change:

Provide a description of the reason(s) why milestones were not met and include measures that will be implemented to get back on schedule.

ADEQ directed change.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: Yes

Milestone Description:

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

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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.

Municipal Operations:

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 - NORTH GILA SAND AND GRAVEL MINE
- AZMSG-62325 - ROLL SAND AND GRAVEL MINE
- AZMSG-62936 - DATELAND TRANSFER SITE
- AZMSG-63207 - NORTH GILA VALLEY TRANSFER AND TIRE REUSE SITE
- AZMSG-62939 - TACNA TRANSFER SITE
- AZMSG-62938 - WELLTON TRANSFER SITE
- ASMSG-68370 – MOHAWK VALLEY MAINTENANCE FACILITY
- ASMSG-63202 – YUMA COUNTY DEPT OF PUBLIC WORKS MAINTENANCE FACILITY

Question: Was staff training conducted?

Answer:

No

Why weren't training events conducted?

No facilities.

CERTIFICATION OF SUBMISSION

MARIA JGONZALEZ

You validated your identity by answering your personal security question and password on myDEQ at **01:24 PM** on **09/27/2019**. 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.