



ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY



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

Small MS4 Annual Report

ID #: AZSM65634

MS4 Name: COCHISE COUNTY MS4

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

Main Office

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(602)771-2300

Southern Regional Office

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Annual Report Summary

Company Information

Name : COCHISE COUNTY - ENGINEERING AND NATURAL RESOURCES
1415 MELODY LN
APT F
BISBEE
AZ , 85603

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: No

Percentage completed: 60

Provide estimated dates for the percent completion:

75% - 04/16/2020

100% - 09/30/2020

Provide the description of the measurable goal:

Mapping of MS4 jurisdiction is to continue.

Mapping is based on 2010 population census. if census changes, Cochise County will revise map accordingly.

Because Cochise County is a rural community, the stormwater sewer system consists of overland flow during storm events. US. Geological Survey topographic mapping serves as the County's distribution. Future Light Detecting and Ranging (LIDAR) elevation data producing two-foot contour intervals will serve as mapping distribution.

Question: Is outfall mapping 100 percent complete?

Answer: Yes

Number of outfalls mapped: 5

Provide the description of the measurable goal:

5 outfalls as suggested by ADEQ during inspection in May 2018, have been selected and are monitored quarterly.

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

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Answer: Yes

Provide the description of the measurable goal:

Outfall locations were selected during May 2018 inspection site visit. If census area increases, number of outfalls may increase.

Because Cochise County is a rural community, the stormwater sewer system consists of overland flow during storm events. US. Geological Survey topographic mapping serves as the County's distribution. Future Light Detecting and Ranging (LIDAR) elevation data producing two-foot contour intervals will serve as mapping distribution and receiving waters.

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
Cochise County Engineering & Natural Resources	Stormwater Ordinance 0498-18	09/25/2018	

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
Cochise County Engineering & Natural Resources	Stormwater Ordinance 049- 18	09/25/2018	

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
Cochise County Engineering & Natural Resources	Stormwater Ordinance 049- 18	09/25/2018	

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

Answer:

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BMP Name: MS4 Brochure mailing

Category: Mail Distribution

Personnel Position/Department: Cochise County Engineering & Natural Resources

BMP Description :

Mailed out informational brochures to all residents identified to be in the MS4 area.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2018

Targeted End Date: 09/30/2019

Targeted Audience: 2000 **Frequency:** 1 One time event

Milestone Description:

Designed and created informational brochures to be send out to all residents being placed in the MS4 area.

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

Actual BMP Start Date: 09/30/2018

Date:

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

Measurable goals were surpassed. A total of 3,293 brochures were mailed out to residents and commercial entities within the MS4 jurisdiction. Questions received from some residents were answered promptly. The questions from residents shows effectiveness.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: Yes

Milestone Description:

BMP Name: Special Event

Category: School Event

Personnel Position/Department: Cochise County Engineering & Natural Resources

BMP Description :

Floodplain to setup materials (brochures, flyers, etc.) for booth at Cochise County Fair and/or meet with residence

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2018

Targeted End Date: 09/30/2020

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Targeted Audience: 5000

Frequency: 1 Monthly

Milestone Description:

Number of brochures, flyers, other material will be tracked.

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

Actual BMP Start Date: 09/20/2018

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

106 brochures were distributed in the County fair which included Cochise County students. The 5000 targeted audience initially listed was unattainable at the Cochise County fair.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

The distribution of brochures will continue in next years County fair.

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.

Only the current years BMPs were implemented.

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

Answer:

BMP Name: Annual Report

Category: Public Involvement

Personnel Position/Department: Cochise County Engineering & Natural Resources

BMP Description :

Floodplain to make MS4 annual report available to the general public.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2018

Targeted End Date: 09/30/2020

Frequency: 1 Monthly

Milestone Description:

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Cochise County MS4 annual report available through web pages & other appropriate measures.

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

Actual BMP Start Date: 09/30/2018

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

Annual report was turned in before scheduled due date. Necessary corrections and improvements were made on the basis of ADEQ,s review comments. Annual report is posted on Cochise County's MS4 website.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Annual reporting will be continued in the next reporting period as well.

BMP Name: Public Involvement - Website

Category: Public Involvement

Personnel Position/Department: Cochise County Engineering & Natural Resources

BMP Description :

Floodplain to make MS4 program plan and notices of intent to the general public via our website

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2018

Targeted End Date: 09/30/2020

Frequency: 1 Weekly

Milestone Description:

MS4 plan will be available through web pages, brochures, and other appropriate measure.

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

Actual BMP Start Date: 09/30/2018

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

MS4 page was created and posted on to Cochise County website for public to easily see and understand what it is and how anyone can contribute or participate with the MS4 program. Questions from residents show the effectiveness that they are becoming aware of the program.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Website will continue to be present into the next reporting period.

BMP Name: Public Involvement

Category: Public Involvement

Personnel Position/Department: Cochise County Engineering & Natural Resources

BMP Description :

Floodplain Staff will respond to verbal and/ written public inquiries, comments or concerns.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2018

Targeted End Date: 09/30/2020

Frequency: 1 Monthly

Milestone Description:

A record will be created to monitor the number received and addressed.

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

Actual BMP Start Date: 09/30/2018

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

Public involvement includes concerns raised by residents on the MS4 program as to what it is. Questions from the public were promptly addressed to the satisfactions of the questioning person verbally and through emails. Copies of these correspondences may be obtained from Cochise County MS4 Outlook.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Public involvement into MS4 program will continue into the next reporting period.

BMP Name: Ordinance

Category: Public Involvement

Personnel Position/Department: Cochise County Engineering & Natural Resources

BMP Description :

Floodplain to make MS4 Ordinance available to the public.

Is another government entity responsible for this BMP ? No

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Measurable Goals:

Start Date: 09/30/2018

Targeted End Date: 09/30/2020

Frequency: 1 Monthly

Milestone Description:

Cochise County MS4 Ordinance available through web pages, brochures, & other appropriate measures.

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

Actual BMP Start Date: 09/30/2018

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

The Stormwater Ordinance is being followed to monitor BMPs by construction projects within MS4 area. One example is construction of AutoZone. An initial inspection of the site was given to make sure the BMPs within the SWPPP were being implemented. Although they were being practiced, BMPs were not providing positive results. A Notice of Opportunity to Correct was sent to the construction manager. This resulted in the correcting of the BMPs on-site and was verified by Cochise County Engineering and Natural Resources (ENR) inspector.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

BMPs and other requirements of the Stormwater Ordinance will be continually implemented during the next reporting period and future development.

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.

No additional BMPs were taken up.

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: Visual Monitoring

Category: Wet Weather Monitoring

Personnel Position/Department: Cochise County Engineering & Natural Resources

BMP Description :

Preparation of an MS4 map

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2018

Targeted End Date: 09/30/2020

Frequency: 1 Monthly

Milestone Description:

On going visual inspection of outfalls, record keeping, and reporting any illicit discharges

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

Actual BMP Start Date: 09/30/2018

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

Visual monitoring of the outfalls and MS4 area in general is on ongoing process and will be continued to be monitored. No illicit discharges were detected during this period of reporting.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

The visual monitoring process will continue into next reporting period. Site inspections will be conducted per the Discharge Monitoring Report requirements.

BMP Name: Visual Monitoring 2

Category: Dry Weather Screening

Personnel Position/Department: Cochise County Engineering & Natural Resources

BMP Description :

Preparation of an MS4 map

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2018

Targeted End Date: 09/30/2020

Frequency: 1 Monthly

Milestone Description:

On going visual inspection of outfalls, record keeping, and reporting of any illicit discharges

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

Actual BMP Start Date: 09/30/2018

Date:

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

Visual monitoring in dry weather is a continual process and no illicit discharge was detected during this reporting period.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Visual monitoring of the outfalls and MS4 area in general is an ongoing process and will be continued to be monitored. No illicit discharges were detected during this period of reporting.

BMP Name: Written IDDE Procedures

Category: Written IDDE Procedures

Personnel Position/Department: Cochise County Engineering & Natural Resources

BMP Description :

Identify facilities and activities that discharge to MS4 without AZPDES/NPDES permit.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2018

Targeted End Date: 09/30/2020

Frequency: 1 Monthly

Milestone Description:

Develop, implement and enforce the written IDDE program on illicit discharge including any facility identified to discharge without AZPDES/NPDES permit.

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

Actual BMP Start Date: 09/30/2018

Date:

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

Written IDDE procedures are an effective means of controlling illegal discharges. Since there has been no illegal discharges detected during the reporting period, the procedure has not been tested yet.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

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Milestone Description:

IDDE procedure will continue into next reporting period. Any illicit discharges detected during inspections or reported will be addressed accordingly.

BMP Name: Training

Category: Staff Training

Personnel Position/Department: Cochise County Engineering & Natural Resources

BMP Description :

Train employees regarding detection and identification of illicit discharges

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2018

Targeted End Date: 09/30/2020

Frequency: 1 Annually

Milestone Description:

Key employees will be trained on the proper way to detect, identify, record in field record guidance sheet and report illicit discharges.

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

Actual BMP Start Date: 09/30/2018

Date:

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

A training provided online, titled Stormwater Management Overview, was taken by Engineering and Natural Resources Department Director, Engineer Administrator and Engineering Technicians. This online program provided information on Stormwater pollution and how to provide stormwater management solutions.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Training will be conducted in the next reporting period by more of the Engineering and Natural Resources engineering staff.

BMP Name: Stormwater Ordinance

Category: Implement IDDE Program

Personnel Position/Department: Cochise County Engineering & Natural Resources

BMP Description :

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Empowerment to enforce the IDDE program

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2018

Targeted End Date: 09/30/2020

Frequency: 1 Monthly

Milestone Description:

A stormwater ordinance will be developed under approval from the Board of Supervisors that will cover and empower the IDDE to enforce on illicit discharges.

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

Actual BMP Start Date: 09/30/2018

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

The Cochise County Stormwater Ordinance is already in effect and implementation of the ordinance into BMPs and monitoring activities of construction projects is showing its effectiveness. Initial inspection of the sites were given to make sure that the BMPs within the SWPPP were being implemented. Although BMPs were put in place, they were not providing positive results. Notice of Opportunity to Correct was sent to construction superintendent, which resulted in the correcting of the issues.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Stormwater Ordinance will continue into the next reporting period. Any new commercial or residential developments proposed, will be reviewed and addressed accordingly.

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 Measure3.

No additional BMPs were taken up.

Question: Were staff trained in IDDE Awareness and Response?

Answer:

Yes

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Sr.No.	Date of Training Event	Training Subject	Number of Employees Trained	Frequency of Training
1	09/05/2018	IDDE in MS4 area. Training was taken on other dates as well.	3	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: 0

Number of IDDE incidents responded to in this reporting period: 0

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: 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: There was no illicit discharge detected.

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: Inspections

Category: Inspections

Personnel Position/Department: Cochise County Engineering & Natural Resources

BMP Description :

Staff will evaluate construction sites by using an inspection form prepared in compliance with the Stormwater Ordinance

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2018

Targeted End Date: 09/30/2020

Frequency: 1 Monthly

Milestone Description:

keep track of all sites inspected and any illicit discharges

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

Actual BMP Start Date: 09/30/2018

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

Complaints were called in from the public to the ENR Department. Inspectors were sent out to investigate incidents. Instructions for BMPs (Dust control, Silt fencing, Filtrexx soxx, Waddles, trenches, etc.) were given to contractors to improve controls at the sites. Follow up visits were conducted to verify that BMPs were implemented.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Inspection will continue for any new construction that is taken up.

BMP Name: Erosion/Sediment Control

Category: Erosion/ Sediment Control

Personnel Position/Department: Cochise County Engineering & Natural Resources

BMP Description :

Proper Control measures will need to be in place for all construction located within the MS4 area

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2018

Targeted End Date: 09/30/2020

Frequency: 1 Monthly

Milestone Description:

Through education, construction within all MS4 areas will have erosion/sediment control measures.

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

Actual BMP Start Date: 09/30/2018

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

Erosion/Sediment control measures were reviewed and approved during construction development review. Inspections were conducted to make sure SWPPPs and BMPs were installed per approved documents.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Erosion /Sediment control monitoring will continue into next reporting period. Inspections will also continue for any new construction that is taken up.

BMP Name: Site Plan Review

Category: Site Plan Review

Personnel Position/Department: Cochise County Engineering & Natural Resources

BMP Description :

Staff will review all site plans for proposed construction located within the MS4 areas

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2018

Targeted End Date: 09/30/2020

Frequency: 1 Weekly

Milestone Description:

All site plans will be reviewed to minimize or eliminate any illicit discharges

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

Actual BMP Start Date: 09/30/2018

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

Site plans were reviewed by the county for at least 4 different construction proposals. The review rectified any shortfalls in the proposals.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Site plans review by the county will continue into next reporting period.

BMP Name: Control Waste

Category: Control Wastes

Personnel Position/Department: Cochise County Engineering & Natural Resources

BMP Description :

Floodplain staff will be trained to control all waste with the MS4 area

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2018

Targeted End Date: 09/30/2020

Frequency: 1 Monthly

Milestone Description:

All staff will be trained to be able to control waste that may occurs within all MS4 areas

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

Actual BMP Start Date: 09/30/2018

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

Solid Waste (earthen material) control was effective at construction sites due to monitoring by county staff. Hazardous materials were not found during this reporting period.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Waste control will be continued to be monitored during the next reporting period.

BMP Name: Construction Operator Training

Category: Construction Operator Training

Personnel Position/Department: Cochise County Engineering & Natural Resources

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BMP Description :

Request developers to submit any certification of BMP training they may have received. If no they will be required to take said class or obtain said certification.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2018

Targeted End Date: 09/30/2020

Frequency: 1 Annually

Milestone Description:

Keep track of all training for potential developers

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

Actual BMP Start Date: 09/30/2018

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

Construction operator training was given during construction periods during 2019. Inspections were conducted for commercial development as well as single family residential developments.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Construction operator training will continue into next 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 Measure4.

No additional BMPs.

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
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1	04/11/2019	Site Runoff control	1	Annually
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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: 5
Has an inspection frequency been developed and implemented? YES
Number of active construction sites inspected at least weekly: 3
Number of active construction sites inspected at least monthly: 5
Number of active construction sites inspected at least one time every six months: 5
Number of active construction sites inspected at least annually: 5
Number of active construction sites not inspected: 0
Number of active construction sites that required re-inspections in this reporting period: 5
Number of construction activity complaints received in this reporting period: 4
Number of construction activity complaints that were resolved or responded to: 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	2	2	0
5	Admin Fines	0	0	0
6	Civil Penalties	0	0	0
7	Criminal Action	0	0	0
	Total	2	2	0

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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 Reveiw

Category: Site Plan Reviews

Personnel Position/Department: Cochise County Engineering & Natural Resources

BMP Description :

Staff will review all site plans submitted for development located within the MS4 areas

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2018

Targeted End Date: 09/30/2020

Frequency: 1 Monthly

Milestone Description:

Site plans will be reviewed as development occurs within the MS4 areas

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

Actual BMP Start Date: 09/30/2018

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

Site plans were reviewed by the county before approval for construction. Review helped rectify short falls in the plan.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Site plan review by the county will continue into the next reporting period.

BMP Name: Best Housekeeping

Category: Structural/Non-Structural BMP

Personnel Position/Department: Cochise County Engineering & Natural Resources

BMP Description :

Best housekeeping will go along with all BMP requirements

Is another government entity responsible for this BMP ? No

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Measurable Goals:

Start Date: 09/30/2018

Targeted End Date: 09/30/2020

Frequency: 1 Monthly

Milestone Description:

Best housekeeping will be monitored and noted on inspection forms

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

Actual BMP Start Date: 09/30/2018

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

Good housekeeping was ensured by inspections of construction sites and any shortfalls were addressed due to the inspection conducted.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Best housekeeping will be ensured by inspections of construction sites in the next reporting period.

BMP Name: Operating & Maintenance

Category: O&M Procedures

Personnel Position/Department: Cochise County Engineering & Natural Resources

BMP Description :

All BMP's will be required to have an O&M procedure to be in place, if necessary

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2018

Targeted End Date: 09/30/2020

Frequency: 1 Monthly

Milestone Description:

O&M procedures will be followed as needed

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

Actual BMP Start Date: 09/30/2018

Date:

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

O&M during construction phase of AutoZone was ensured due to inspection by Cochise county.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

O&M during construction phase of any new construction will be ensured by inspection by Cochise county.

BMP Name: Post-Construction Inventory

Category: Inventory

Personnel Position/Department: Cochise County Engineering & Natural Resources

BMP Description :

Prepare inventory of any post-construction activity that will require monitoring

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2018

Targeted End Date: 09/30/2020

Frequency: 1 Monthly

Milestone Description:

Staff will update inventory list as needed

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

Actual BMP Start Date: 09/30/2018

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

An inventory list of construction sites within the MS4 census area was prepared. Although new development was proposed and constructed within the fiscal year, only two were within the MS4 area.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Inventory process to continue in the next reporting period and will increase as more developments continue.

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?

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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 Measure5.

No additional BMPs

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: 0

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: Roadside O&M

Category: O&M Procedures

Facility Information:

Roadside Drainage

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Personnel Position/Department: Cochise County Engineering & Natural Resources

BMP Description :

Staff will establish an O&M procedure for all roadside drainages, if needed.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2018

Targeted End Date: 09/30/2020

Frequency: 1 Quarterly

Milestone Description:

O&M procedure will be followed as needed

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

Actual BMP Start Date: 09/30/2018

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

Roadside O&M is a continuous process taken up by Cochise County. The well maintained and clean roads shows the 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:

Roadside O&M will continue into next reporting period.

BMP Name: Roadside Inspections

Category: Inspections

Facility Information:

Roadside Drainage

Personnel Position/Department: Cochise County Engineering & Natural Resources

BMP Description :

Inspections will be conducted on a quarterly basis to ensure pollution prevention and BMP's are adequate or necessary

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2018

Targeted End Date: 09/30/2020

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Frequency: 1 Quarterly

Milestone Description:

On going inspections, record keeping, and reporting of any illicit discharges

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

Actual BMP Start 09/30/2018

Date:

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

Roadside inspection is a regular and continual process taken up by Cochise County and these result in well maintained and clean roads.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Roadside inspection will continue into next reporting period.

BMP Name: Roadside Inventory

Category: Inventory

Facility Information:

Roadside Drainage

Personnel Position/Department: Cochise County Engineering & Natural Resources

BMP Description :

Prepare list of all roadside drainage located within the MS4 area

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2018

Targeted End Date: 09/30/2020

Frequency: 1 Quarterly

Milestone Description:

Inventory will keep and updated as needed

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

Actual BMP Start 09/30/2018

Date:

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

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Roadside inventory is a regular and continuous process taken up by Cochise county that helps maintain clean and hazard free roads and road side swales.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Roadside inventory by Cochise county will continue into the next reporting period.

BMP Name: Roadside Maint. Schedule

Category: Maintenance Schedule

Facility Information:

Roadside Drainage

Personnel Position/Department: Cochise County Engineering & Natural Resources

BMP Description :

Staff will prepare a schedule for all roadside drainage as needed

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2018

Targeted End Date: 09/30/2020

Frequency: 1 Quarterly

Milestone Description:

list of scheduled roadside drainage will be reviewed quarterly

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

Actual BMP Start Date: 09/30/2018

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

Roadside maintenance scheduled by Cochise County is effective in maintaining the county maintained roads in a timely fashion.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Roadside maintenance schedule by Cochise County will be ongoing in the next reporting period.

BMP Name: Roadside Training

Category: Training

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Facility Information:

Roadside Drainage

Personnel Position/Department: Cochise County Engineering & Natural Resources

BMP Description :

Staff will be trained to identify pollution prevention and good housekeeping

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2018

Targeted End Date: 09/30/2020

Frequency: 1 Quarterly

Milestone Description:

Staff has been trained as of 09/30/2019

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

Actual BMP Start Date: 09/30/2018

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

Roadside inspection, maintenance training by Cochise County is a regular and ongoing practice and good roads within the county shows its effectiveness. In this reporting year, 30 operators were provided 10 Hour Occupational Safety & Health Administration training.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Roadside inspection, maintenance training by Cochise county will continue as needed.

BMP Name: Roadside Maintenance

Category: Maintenance Activities

Facility Information:

Roadside Drainage

Personnel Position/Department: Cochise County Engineering & Natural Resources

BMP Description :

Maintenance will be done on an as needed basis

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2018

Targeted End Date: 09/30/2020

Frequency: 1 Quarterly

Milestone Description:

A schedule will be created with maintenance on a roadside drainage is needed

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

Actual BMP Start Date: 09/30/2018

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

Roadside maintenance as per inspection findings is a regular and continuous process taken up by Cochise County and this results in well maintained and clean and hazard free roads.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Roadside maintenance by Cochise County will continue into the next reporting period.

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.

No additional BMPs

Question: Was staff training conducted?

Answer:

Yes

Sr.No.	Date of Training Event	Training Subject	Number of Employees Trained	Frequency of Training
1	03/21/2019	Pollution Prevention & Good House Keeping	4	Annually
2	03/06/2019	OSHA 10-Hour	30	One time every two years

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CERTIFICATION OF SUBMISSION

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You validated your identity by answering your personal security question and password on myDEQ at **01:15 PM** on **09/19/2019**. 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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