



ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY



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

Small MS4 Annual Report

ID #: AZSM65751

MS4 Name: CITY OF SIERRA VISTA MS4

Reporting Period: 01-Jul-2020 - 30-Jun-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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Annual Report Summary

Company Information

Name : CITY OF SIERRA VISTA - PUBLIC WORKS DEPARTMENT
401 GIULIO CESARE AVE
SIERRA VISTA
AZ , 85635

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: 95

Provide estimated dates for the percent completion:

100% - 12/31/2021

Provide the description of the measurable goal:

The City lost the individual doing the mapping. The Engineering department, along with Community Development and IT has been tasked with identifying an individual(s) to resume mapping the stormwater components.

Question: Is outfall mapping 100 percent complete?

Answer: Yes

Number of outfalls mapped: 3

Provide the description of the measurable goal:

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

Answer: Yes

Provide the description of the measurable goal:

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
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City of Sierra Vista Code	Ordinance 2008-017 Chapter 95	10/09/2008	
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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 Sierra Vista Code	Ordinance 2008-017 Chapter 95	10/09/2008	

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 Sierra Vista City Code	Ordinance 2008-017 Chapter 95	10/09/2008	

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

Answer:

BMP Name: Hey! I need to drain my pool

Category: Brochures

Personnel Position/Department: Management Analyst/MS4 Program Manager - Public Works

BMP Description :

Brochures educating pool owner the proper ways to drain or back wash their pool or water feature. Initially 100 brochures printed and distributed to city buildings and local pool companies

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 02/01/2019

Targeted End Date: 09/29/2021

Targeted Audience: Pool owners **Frequency:** 1 Annually

Milestone Description:

Increase awareness through brochure. Measured by phone calls, questions and permits as compared with previous years' data.

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

Actual BMP Start Date: 02/01/2019

Date:

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

These brochures continue to be and effective form of education and outreach. Therefore, they will continue to be set out and distributed in various locations and events in the city.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

These brochures continue to be and effective form of education and outreach. Therefore, they will continue to be set out and distributed in various locations and events in the city.

BMP Name: Protecting Our Water

Category: Brochures

Personnel Position/Department: Management Analyst, MS4 Program Manager/Public Works

BMP Description :

Educate all City of SV residents on stormwater and protecting our water. Brochures created and mailed to every utility paying customer in the city (about 13,000) for widest dissemination and inclusion. Additional 1500 brochures placed at multiple city buildings.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 02/01/2019

Targeted End Date: 09/29/2021

Targeted Audience: City of SV residence **Frequency:** 1 One time event

Milestone Description:

Expect to see an influx of IDDE reports and questions.

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

Actual BMP Start Date: 02/01/2019

Date:

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

These brochures continue to be and effective form of education and outreach. Therefore, they will continue to be set out and distributed in various locations and events in the city.

Provide a summary of activities planned for next reporting period

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BMP does not apply for next reporting period: No

Milestone Description:

These brochures continue to be and effective form of education and outreach. Therefore, they will continue to be set out and distributed in various locations and events in the city.

BMP Name: Stormwater web page

Category: Webpage

Personnel Position/Department: Management Analyst/MS4 Program Manager - Public Works

BMP Description :

Created websites with information on protecting storm water and pool drain permits and processes.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 02/01/2019

Targeted End Date: 09/29/2021

Targeted Audience: City residents **Frequency:** 1 One time event

Milestone Description:

This should generate general awareness and will be measured by an expected influx in calls, questions and permits which will be documented and compared with previous years' data.

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

Actual BMP Start Date: 04/22/2019

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

This website and the links therein continue to be and effective form of education and outreach. Therefore, I will continue to update the information. This page was viewed 146 times for the period of 01 July 2020 to 30 June 2021.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

This website contains information on how to identify and prevent stormwater pollution. It also provides links and information on the resources available to the public for proper disposal of certain items and pool cleaning/draining, etc.

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.

We receive pool drain permits, questions, reports and views on the BMPs. This is a good indicator that the information we are providing is relevant and useful. These BMPs will be kept up to date and available to the public as long as they remain a valid source of information.

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

Answer:

BMP Name: Adopt an Area

Category: Public Participation

Personnel Position/Department: Code enforcement/Community Development

BMP Description :

This opportunity for citizens to adopt an area of the city helps keep Sierra Vista a beautiful, livable community by keeping the City rights of way and MS4 clean.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 08/01/2018

Targeted End Date: 09/29/2021

Frequency: 1 Annually

Milestone Description:

Citizens can adopt an area by calling or visiting community development or registering online. Quantitative data is available through Community Development. It will be reviewed and analyzed annually.

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

Actual BMP Start Date: 08/01/2018

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

32 groups volunteer to do quarterly services. They average about 3 clean ups a month. There are also 6 ADOT groups who average 3 clean ups per year for highway 90 and 92 within City limits. To date, all of these groups have completed 30 cleanups in the last year amounting to about 12 tons of garbage removed from the area.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

The adopt an area program will remain in place.

BMP Name: All about stormwater Webpage

Category: Public Involvement

Personnel Position/Department: Management Analyst - MS4 Program Manager - Public Works

BMP Description :

The website lists several ways citizens, homeowners and business owners can help with pollution prevention.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 02/01/2019

Targeted End Date: 09/29/2021

Frequency: 1 One time event

Milestone Description:

The website for Protecting our water was created and made live in February. This site will continue to be updated with new links and information regularly. Quantitative data is available through PAO and will be analyzed regularly.

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

Actual BMP Start Date: 04/22/2019

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

This website and the links therein continue to be and effective form of education and outreach. Therefore, I will continue to update the information. This page was viewed 146 times for the period of 01 July 2020 to 30 June 2021.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

This website contains information on how to identify and prevent stormwater pollution. It also provides links and information on the resources available to the public for proper disposal of certain items and pool cleaning/draining, etc.

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

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

The onset of COVID has presented challenges to the public involvement and participation MCM. However, we remain compliant with effective programs and BMPs in place.

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: Dry Weather Screening

Category: Dry Weather Screening

Personnel Position/Department: Public Works Employees/MS4 Program Manager

BMP Description :

Public Works Employees shall continue to implement an ongoing program to monitor major outfalls for illicit discharges and field screening points. Streets employees and Refuse employees, who are out, on the roads, in the city, all day every day have been trained to report illicit discharges and other MS4 related concerns to the MS4 Program Manager.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 08/01/2018

Targeted End Date: 09/29/2021

Frequency: 1 Daily

Milestone Description:

Reports will be logged and tracked. Areas with higher frequency of reports will be identified and appropriately addressed via public information, education, more effective/efficient BMP implementation and remediation.

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

Actual BMP Start Date: 08/01/2018

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

Employees continue to look out and report illicit discharges and other MS4 issues/concerns. These reports are logged and tracked.

For the 2020-2021 reporting period I received a report from the Refuse Section regarding an illegal cleanout of a cement chute into a ditch.

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:

Reports will be logged and tracked. Areas with higher frequency of reports will be identified and appropriately addressed via public information, education, more effective/efficient BMP implementation and remediation.

BMP Name: Implement IDDE Program

Category: Implement IDDE Program

Personnel Position/Department: MS4 Program Manager/Management Analyst - Public Works

BMP Description :

Implement SOP identifying processes and procedures to prevent, identify, report and mitigate illicit discharges to and from the MS4

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 08/01/2018

Targeted End Date: 09/29/2021

Frequency: 1 Annually

Milestone Description:

Log and track reports of illicit discharge. Identify areas of greater and/or frequent concern. Mitigate illicit discharges and realize improved and efficient responses and reduction of reports.

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

Actual BMP Start Date: 08/01/2019

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

Illicit discharges are being reported, citizens are being educated, and illicit discharges are being remedied.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Log and track reports of illicit discharge. Identify areas of greater and/or frequent concern. Mitigate illicit discharges and realize improved and efficient responses and reduction of reports.

BMP Name: Wet Weather Monitoring

Category: Wet Weather Monitoring

Personnel Position/Department: MS4 Program Manager/Management Analyst - Public Works

BMP Description :

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Identify minimum of 5 outfalls representative of stormwater discharges and conduct visual stormwater discharge monitoring. Request from ADEQ a remote monitoring solution for remote outfall(s).

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 08/01/2018

Targeted End Date: 09/29/2021

Frequency: 1 Quarterly

Milestone Description:

Outfalls monitored and reported can be analyzed and (more) appropriate BMPs put in place to reduce stormwater pollution.

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

Actual BMP Start Date: 08/01/2019

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

The accessible outfalls are monitored as required by the permit.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

The identified locations will continue to be monitored as required by the permit.

BMP Name: Staff Training

Category: Staff Training

Personnel Position/Department: Public Works employees/MS4 Program Manager/Management Analyst - Public Works

BMP Description :

Provide annual training to the Public Works employees involved in the IDDE program, including the program components and how to recognize and report illicit discharges.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 08/01/2019

Targeted End Date: 09/29/2021

Frequency: 1 Annually

Milestone Description:

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Reports will be logged and tracked. Areas with higher frequency of reports will be identified and appropriately addressed via public information, education, more effective/efficient BMP implementation and remediation.

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

Actual BMP Start Date: 04/26/2021

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

Training provided to Streets section in April of 2021 and Refuse in August of 2021. Training for the other departments was delayed due to my unforeseen illness and subsequent 6 week absence. It should be noted the individual section supervisors continued to remind employees to keep their eyes open for illicit discharges and to report them when they see them. Training is ongoing, regularly, event if not formally in a single setting.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Supervisors will continue to remind employees what illicit discharges are and to report them. Formal trainings have resumed and will continue annually.

BMP Name: Written IDDE Procedures

Category: Written IDDE Procedures

Personnel Position/Department: MS4 Program Manager/Management Analyst - Public Works

BMP Description :

Implement SOP identifying processes and procedures to prevent, identify, report and mitigate illicit discharges to and from the MS4

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 08/01/2018

Targeted End Date: 09/29/2021

Frequency: 1 Annually

Milestone Description:

Log and track reports of illicit discharge. Identify areas of greater and/or frequent concern. Mitigate illicit discharges and realize improved and efficient responses and reduction of reports.

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

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Actual BMP Start 08/01/2018

Date:

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

Illicit discharges are being reported, citizens are being educated, and illicit discharges are being remedied.

There were a total of 7 reports received regarding (potential) illicit discharges. All were addressed and remedied within the parameters of the City's SWPPP/IDDE Plan.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Log and track reports of illicit discharge. Identify areas of greater and/or frequent concern. Mitigate illicit discharges and realize improved and efficient responses and reduction of reports.

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? Yes

BMP Name: Identify industrial business with SIC requiring MSGP coverage

Provide a description of the BMP, include reason(s) for implementing the BMP, its effectiveness, frequency, and goal:

The City will annually identify new industrial businesses with Standard Industrial Classification (SIC) Codes requiring Multi-Sector General Permit (MSGP) permit coverage. Reports will be pulled annually from the Business Licensing Department to verify if any applicable industrial facilities have applied for new business licenses. The City will include a list of sites and facilities contacted throughout the year that may require AZPDES permit coverage in the annual report

Will this BMP be used for future reporting periods? Yes

Please add this BMP to the NOI to have it auto-populate in future annual reports

Provide a summary of compliance with the requirements for Minimum Control Measure3.

Employees and citizens continue to make reports of illicit discharges. The BMPs are functioning as intended.

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	04/26/2021	IDDE awareness and response	20	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: 5

Number of IDDE incidents responded to in this reporting period: 5

Sr.No.	Enforcement Actions	Enforcements Issued	Enforcements Resolved	Enforcements Unresolved
1	NOV	1	1	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	1	1	0

Question: Were there any unpermitted discharges to the MS4?

Answer: Yes

List the Facilities that May Have Had an Unpermitted Discharge to the MS4.

Facility Name : Sierra Antigua Apartments	Type of Activity:Raw sewage discharge
SIC Code :	AZPDES Permit:

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Date of Discovery : 10/19/2020	Method of Discovery:Phone call from ADEQ
Estimated Duration: 3 Hours	Estimated Volume: 20
Description of Discharge: Approximately 20-25 gallons of raw sewage entered the City's MS4 and flowed approximately ¼ mile north, down Lenzner Ave, toward Tacoma St./Las Brisas Way. Remediation efforts began within an hour of the call and the discharge from the City's right of way was completely eliminated and properly treated before it left the street or entered the storm drain located on the north end of Lenzner Ave, just north of Tacoma St./Las Brisas Way.	Date of Elimination: 10/19/2020
On-Going Discharge Not Eliminated: N	

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

Answer: No

Number of Illicit Discharges Sampled are:

Illicit discharges identified were obvious. Sampling not required.

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: Control Wastes

Category: Control Wastes

Personnel Position/Department: Inspector(s), MS4 Program Manager - Public Works

BMP Description :

Distribute SWPPP checklists and various other information and materials to developers
 Construction Site Inspections
 Construction Plan and SWPPP review
 Training to developers

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 08/01/2018

Targeted End Date: 09/29/2021

Frequency: 1 Annually

Milestone Description:

Regular distribution, education, and inspection should result in minimal construction related illicit discharges. It will also improve response and remediation time. Evaluate results annually.

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

Actual BMP Start Date: 08/01/2018

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

There were no construction related illicit discharges this reporting year.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue to Distribute SWPPP checklists and various other information and materials to developers.

Construction Site Inspections

Construction Plan

SWPPP review Training to developers

BMP Name: Site Plan Review

Category: Site Plan Review

Personnel Position/Department: Community Development/Engineering

BMP Description :

Inspectors and Engineers are trained to review site plans with SWPPP requirements in mind. In the event a stormwater issue or concern is identified the MS4 Program manager will be notified and respond accordingly.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 08/01/2018

Targeted End Date: 09/29/2021

Frequency: 1 Annually

Milestone Description:

Site plan reviews will take place as they are submitted. If there appears to be an area of concern greater than another, then consideration for additional education/information will be made.

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

Actual BMP Start Date: 08/01/2018

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

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Continue to Distribute SWPPP checklists and various other information and materials to developers, Construction Site Inspections, Construction Plan and SWPPP review Training to developers.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Site plan reviews will take place as they are submitted. If there appears to be an area of concern greater than another, then consideration for additional education/information will be made.

BMP Name: Inspections

Category: Inspections

Personnel Position/Department: Inspectors, MS4 Program Manager/Management Analyst - Public Works

BMP Description :

Distribute SWPPP checklists and various other information and materials to developers
Construction Site Inspections
Construction Plan and SWPPP review
Training to developers

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 08/01/2018

Targeted End Date: 09/29/2021

Frequency: 1 Annually

Milestone Description:

Regular distribution, education, and inspection should result in minimal construction related illicit discharges. It will also improve response and remediation time. Evaluate results Annually.

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

Actual BMP Start Date: 08/01/2018

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

There were no construction related illicit discharges this reporting year.

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 to Distribute SWPPP checklists and various other information and materials to developers
Construction Site Inspections
Construction Plan
SWPPP review Training to developers.

BMP Name: Construction Operator Training

Category: Construction Operator Training

Personnel Position/Department: Inspectors, MS4 Program Manager/Management Analyst - Public Works

BMP Description :

Distribute SWPPP checklists and various other information and materials to developers
Construction Site Inspections
Construction Plan and SWPPP review
Training to developers

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 08/01/2018

Targeted End Date: 09/29/2021

Frequency: 1 Annually

Milestone Description:

Regular distribution, education, and inspection should result in minimal construction related illicit discharges. It will also improve response and remediation time. Evaluate results Annually.

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

Actual BMP Start Date: 08/01/2018

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

There were no construction related illicit discharges this reporting year.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue to Distribute SWPPP checklists and various other information and materials to developers.
Construction Site Inspections Construction Plan and SWPPP review Training to developers.

BMP Name: Erosion/Sediment Control

Category: Erosion/ Sediment Control

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Personnel Position/Department: Construction Inspectors, MS4 Program Manager - Public Works

BMP Description :

Distribute SWPPP checklists and various other information and materials to developers
Construction Site Inspections
Construction Plan and SWPPP review
Training to developers

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 08/01/2018
Targeted End Date: 09/29/2021
Frequency: 1 Two times per year

Milestone Description:

Regular distribution, education, and inspection should result in minimal construction related illicit discharges. It will also improve response and remediation time. Evaluate results annually.

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

Actual BMP Start Date: 08/01/2018

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

Distribute SWPPP checklists and various other information and materials to developers.
Construction Site Inspections
Construction Plan
SWPPP review Training to developers

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue to Distribute SWPPP checklists and various other information and materials to developers.
Construction Site Inspections Construction Plan and SWPPP review Training to developers.

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.

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As per the Audit of the City's MS4 there were some deficiencies in this MCM, so for the next year The City has created a tracking and recordkeeping database for construction site inspections and enforcement. In addition, the City has developed some educational guides for construction, home repair, and general contractor industries that are included in the Site Plan Pre-Submittal Application packet. These items have been added to our SWMP and will ensure compliance in future years.

Question: Were any construction activity operator training events conducted?

Answer:

No

Why weren't training events conducted?

Training was going to take place at one of the Southern AZ Contractors' Association meetings. Those meetings have been cancelled indefinitely due to COVID-19.

There has been discussion of adding some elements of training or review of the best management guides during the kickoff meetings in the future.

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:** 6
- 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 one time every six months:** 3
- Number of active construction sites inspected at least monthly:** 0
- Number of active construction sites inspected at least annually:** 6
- Number of construction activity complaints that were resolved or responded to:** 0
- Number of active construction sites not inspected:** 0
- Number of construction activity complaints received in this reporting period:** 0
- Number of active construction sites that required re-inspections 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: 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: Engineering

BMP Description :

As part of our building permit process, site plans are submitted and reviewed by employees in Community Development and the Engineering Departments, including the MS4 Program Manager.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 07/01/2018

Targeted End Date: 09/29/2021

Frequency: 1 Quarterly

Milestone Description:

All site plans are to be reviewed as they are submitted.

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

Actual BMP Start Date: 08/01/2018

Date:

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

There were no post construction related IDDE incidents this reporting period.

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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:

As part of our building permit process, site plans are submitted and reviewed by employees in Community Development and the Engineering Departments.

BMP Name: Stormwater control inventory

Category: Inventory

Personnel Position/Department: Community Development/Engineering/Public Works

BMP Description :

An inventory system of all post-construction structural stormwater control measures installed and implemented will be maintained and searchable by property location

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 07/01/2018

Targeted End Date: 09/29/2021

Frequency: 1 Annually

Milestone Description:

Files and locations will be randomly selected to ensure control measures are being maintained.

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

ADEQ Directed No

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.

The City has struggled with some key position vacancies this year. The individual who did this in years past has retired. Just recently was a new individual identified. This milestone will be met in future years.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

An inventory system of all post-construction structural stormwater control measures installed and implemented will be maintained and searchable by property location.

Files and locations will be randomly selected to ensure control measures are being maintained.

BMP Name: O&M Procedures

Category: O&M Procedures

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Personnel Position/Department: Community Development/Engineers/Public Works

BMP Description :

Ensure long-term operation and maintenance of post construction stormwater BMPs

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 07/01/2018

Targeted End Date: 09/29/2021

Frequency: 1 Two times per year

Milestone Description:

The various departments with employees who are regularly in the community will monitor the sites for functioning controls.

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

Actual BMP Start Date: 08/01/2018

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

There were no post construction related IDDE incidents this reporting period.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

The various departments with employees who are regularly in the community will monitor the sites for functioning controls.

BMP Name: Structural/Non-Structural BMP

Category: Structural/Non-Structural BMP

Personnel Position/Department: Inspectors, MS4 Program Manager/Management Analyst - Public Works

BMP Description :

Distribute SWPPP checklists and various other information and materials to developers

Construction Site Inspections

Construction Plan and SWPPP review

Training to developers

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 08/01/2018

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Targeted End Date: 09/29/2021

Frequency: 1 Annually

Milestone Description:

Regular distribution, education, and inspection should result in minimal construction related illicit discharges. It will also improve response and remediation time. Evaluate results Annually.

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

Actual BMP Start Date: 08/01/2018

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

There were no post construction related IDDE incidents this reporting period.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Regular distribution, education, and inspection should result in minimal construction related illicit discharges. It will also improve response and remediation time. Evaluate results Annually.

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 Measure5.

There are no post-construction stormwater management issues during this reporting period. We will continue monitoring sites for continued compliance.

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: 0

Sr.No.	Enforcement Actions	Enforcements Issued	Enforcements Resolved	Enforcements Unresolved
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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: Streets Maintenance Activities

Category: Maintenance Activities

Facility Information:

Streets

Personnel Position/Department: Streets/Public Works

BMP Description :

The Streets are monitored and maintained by the Streets section of Public works regularly.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 07/01/2018

Targeted End Date: 09/29/2021

Frequency: 1 Daily

Milestone Description:

Regular maintenance on the streets ensures proper conveyance of stormwater with minimal pollutants

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

Actual BMP Start Date: 07/01/2018

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

Regular maintenance on the streets ensures proper conveyance of stormwater with minimal pollutants. Any concerns voiced to public works are addressed and remedied in a timely manner.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Regular street/wash maintenance and housekeeping will continue.

BMP Name: Training - Streets

Category: Training

Facility Information:

Streets

Personnel Position/Department: Public Works - MS4 Program Manager

BMP Description :

Training provided annually on what to look for regarding stormwater pollution prevention. Employees are taught to "see something, say/do something"

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 07/01/2018

Targeted End Date: 09/29/2021

Frequency: 1 Quarterly

Milestone Description:

With proper and frequent training employees know what to look out for. They are empowered to make a difference.

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

Actual BMP Start Date: 08/01/2018

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

PW employees report stormwater pollution concerns and remedy them when necessary. This is evident by the reports and questions that come in in any given reporting period.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Training provided annually on what to look for regarding stormwater pollution prevention. Employees are taught to "see something, say/do something"

BMP Name: Streets Maintenance Schedule

Category: Maintenance Schedule

Facility Information:

Streets

Personnel Position/Department: Streets/Public Works

BMP Description :

The Streets are monitored and maintained by the Streets section of Public works regularly.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 07/01/2018

Targeted End Date: 09/29/2021

Frequency: 1 Daily

Milestone Description:

Regular maintenance, including sweeping and inspection of the streets ensures proper conveyance of stormwater with minimal pollutants

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 Streets are monitored and maintained by the Streets section of Public works regularly. There are few if any reports/complaints of stormwater conveyance, indicating effectiveness of BMP.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Regular maintenance, including sweeping and inspection of the streets ensures proper conveyance of stormwater with minimal pollutants.

BMP Name: Streets inventory

Category: Inventory

Facility Information:

Streets

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Personnel Position/Department: Community development/Public works

BMP Description :

The streets inventory is entered and maintained in AVEC by both departments, community development and the engineering section of Public Works

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 07/01/2018

Targeted End Date: 09/29/2021

Frequency: 1 Monthly

Milestone Description:

Inventory is maintained when site plans are submitted and as new developments occur, keeping the inventory current and relevant.

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 streets inventory is entered and maintained in AVEC by both departments, community development and the engineering section of Public Works.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: Yes

Milestone Description:

BMP Name: O&M - Streets

Category: O&M Procedures

Facility Information:

Streets

Personnel Position/Department: Streets/Public Works/Other

BMP Description :

The Streets are monitored and maintained by the Streets section of Public works regularly.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 07/01/2018

Targeted End Date: 09/29/2021

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Frequency: 1 Daily

Milestone Description:

Regular maintenance including cleaning and maintenance of the streets ensures proper conveyance of stormwater with minimal pollutants.

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.

Regular maintenance including cleaning and maintenance of the streets ensures proper conveyance of stormwater with minimal pollutants.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

The Streets will continue to be monitored and maintained by the Streets section of Public works.

BMP Name: Street/infrastructure inspections

Category: Inspections

Facility Information:

Streets

Personnel Position/Department: Streets/other

BMP Description :

Streets are monitored by the public and trained city employees. Illicit discharges and infrastructure degradation are among the concerns reported

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 07/01/2018

Targeted End Date: 09/29/2021

Frequency: 1 Monthly

Milestone Description:

With more trained individuals monitoring the roadways illicit discharges and infrastructure concerns can be reported and remedied more expeditiously.

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.

Streets are monitored by the public and trained city employees. Illicit discharges, infrastructure degradation, and environmental concerns are among the items reported.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

With more trained individuals monitoring the roadways illicit discharges and infrastructure concerns can be reported and remedied more expeditiously.

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.

The Streets are monitored and maintained by the Streets section of Public works regularly. There are few if any reports/complaints of stormwater conveyance, indicating effectiveness of BMP.

Question: Was staff training conducted?

Answer:

Yes

Sr.No.	Date of Training Event	Training Subject	Number of Employees Trained	Frequency of Training
1	04/26/2021	SWPPP/good housekeeping	21	Annually

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