



ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY



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

Small MS4 Annual Report

ID #: AZSM65661

MS4 Name: CITY OF BUCKEYE MS4

Reporting Period: 01-Jul-2020 To 30-Jun-2021

Main Office

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(602)771-2300

Southern Regional Office

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(520)628-6733

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Annual Report Summary

Company Information

Name : CITY OF BUCKEYE DEPARTMENT OF PUBLIC WORKS
530 E MONROE AVE
BUCKEYE
AZ , 85326

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:

Stormwater infrastructure mapping within the City's MS4 is complete.

Question: Is outfall mapping 100 percent complete?

Answer: Yes

Number of outfalls mapped: 1

Provide the description of the measurable goal:

Outfall mapping within the City's MS4 is complete. The one outfall is recognized as a Field Screening Point that discharges to an irrigation tailwater ditch. This ditch flows to the Arlington Canal, that flows to the Gila River at the Gillespie Dam.

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

Answer: Yes

Provide the description of the measurable goal:

Identification of receiving waters is complete. The receiving waters for our Field Screening Point is the Gila River at the Gillespie Dam. This Field Screening Point discharges to an irrigation tailwater ditch, that flows to the Arlington Canal that finally discharges to the Gila River at the Gillespie Dam.

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 Code chapters 9, 10, 16, 19, and 20	City Code §1921D, §205C, §1653 - 4, §9111K, §9111L, §926A, §943B.1, §943B.9, §943B.10, §1035, §1038	09/30/2016	
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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 Code chapters 19, 20, and 23	§1921D, §205C, §2321, and the Stormwater Drainage System Design Manual 500 (DM500)	09/30/2016	

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 Code chapters 19, 20, and 23	§1921D., §205C, §2321, and the Stormwater Drainage System Design Manual 500 (DM500)	09/30/2016	

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

Answer:

BMP Name: Special Event(s)

Category: Special Event

Personnel Position/Department: Environmental Manager/Public Works

BMP Description :

Public Works Week outreach event and other community outreach events throughout the year.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

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Targeted Audience: school-aged **Frequency:** 1 Annually

Milestone Description:

The City will continue to provide at least one outreach event each year. The City currently performs a Public Works Week outreach event to a targeted audience (primarily school-aged children, grades K-8) that includes a stormwater pollution prevention message. Additional outreach events shall be performed as they become available, such as special speaking events with the Chamber of Commerce.

Measurable goals will include the number of events or outreach activities held, the number of people directly spoken to, and types of outreach materials provided.

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.

With ongoing local and state government decisions to social distance and restrict public interaction impacting almost the entire year, there was very little opportunity to provide education to school age children.

The City participated with STORM, ASU, and the Arizona Project WET to reach school aged children with an understanding of the importance of preventing pollution to surface water and ground water. The Buckeye Water Festival was held virtually, with 127 students, and 5 teachers.

Forty-two videos were provided to students on the water industry, the local water supply, and water treatment.

The effectiveness would be seen in the number of students reached. With the consideration that there are approximately 5,000 students in the City, this was a very poor turnout.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with same program.

BMP Name: Annual Evaluation

Category: Press Release

Personnel Position/Department: Environmental Manager/Public Works

BMP Description :

Modification of ineffective messages and techniques.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 07/01/2017

Targeted End Date: 09/29/2021

Targeted Audience: all **Frequency:** 1 Annually

Milestone Description:

An annual review of the outreach programs will be performed to determine the effectiveness of the activities using an efficiency matrix of the resources expended compared to the number of people reached. Measurable goal shall be annual results of the efficiency matrix and evaluation and adjusting of the program based on the results.

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

Actual BMP Start Date: 07/01/2017

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

Despite the ongoing local and state government decisions to social distance and restrict public interaction, some success was still seen in public outreach.

The most effective outreach activities, getting information into the hands of the public, were billing inserts, social media, and email blasts.

Participation in HHW drop off (240 residents), requests to use and keep second trash cans (300 homes), record participation in bulk trash activities (record participation for many collection zones), participation in a spring cleanup (1 event), and landfill certificates (136 emailed certificates) have shown the effectiveness of the communication methods used by the city to ensure methods to prevent pollution are appropriately dispersed to residents.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with same program.

BMP Name: Targeted Outreach

Category: Planned and Targeted Outreach

Personnel Position/Department: Environmental Manager/Public Works

BMP Description :

Use discovered pollution sources through implementation of MCM3 and demographics to choose and perform outreach activities.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 01/01/2018

Targeted End Date: 09/29/2021

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Targeted Audience: all

Frequency: 1 Annually

Milestone Description:

Number of targeted audiences addressed, the number of people reached. Additional goals may include a measure of change of volume of pollution over time as pollution areas and sources become known and measurable.

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

Actual BMP Start 01/02/2018

Date:

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

Targeted outreach for this year was to homeowners - billing inserts to residents were used - Two billing inserts were placed. One insert reminded residents of trash and bulk trash placement requirements, and another provided information on proper disposal of Household Hazardous Waste. Stopping HHW in trash is a significant pollution prevention activity, as is properly storing and containing trash to stop wind blown waste.

27,000 homes received the billing inserts - out of 31,000 homes.

There were also at least 4 direct emails to residents on HHW, bulk trash, and more pollution prevention messages issued.

Nearly half of our residences, 15,000, received the emails.

As a result of these efforts, our HHW drop off numbers significantly increased over the last two quarters of the year.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with the same program - pending new permit language/requirements

BMP Name: General Educational Activity and Materials

Category: Social Media, Internet, Newspaper, Billing Inserts, Kiosks, other

Personnel Position/Department: Environmental Manager/Public Works

BMP Description :

General stormwater pollution prevention education and outreach. General topics shall include the definition of the MS4, the impacts of stormwater pollution on our environment and what the general public may do to prevent pollution. Activities may include email blasts, media postings (internet and local newspaper), billing inserts, public kiosks, and other venues as found and determined effective, as well as STORM, the Stormwater Outreach of Regional Municipalities.

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

Targeted Audience: all **Frequency:** 1 Daily

Milestone Description:

Type of outreach method used and the number of people reached.

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.

General outreach would occur at special events city wide. Because of local and state government decisions to social distance and restrict public interaction, special events were not allowed. To attempt to perform permit compliance, social media postings, website updates were issued.

Our only significant pollutant is fugitive trash. We have had an overall reduction in illegal dumping activities. Alternatively, one action performed was the increase in availability of extra trash carts as stay at home residents were creating more trash. This caused an increase in the total number of 300 second trash carts in homes - from 600 - 900, reducing the ability for overflowing trash carts and spilled trash during storage and collection. This activity occurred through updates to social media, city website, and email blasts, and its effectiveness can be seen in the total number of new homes with second trash carts.

Additionally, we experienced a decrease in the reports and cleanup of illegal dumping. In 2019-2020, we had 85 work activities to collect illegal dumping, and in 2020-2021 we had 48 work orders. Documented in a GIS database and seen on the "Environmental Work Order dashboard." Moreover, we had an increase in the total number of HHW drop offs – documented on an excel spreadsheet.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with the same program - pending new permit language/requirements.

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

Answer:

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

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

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Regarding effectiveness: This MCM is to reach various audiences in the community to help them understand how stormwater pollution is produced and how to reduce that pollution.

With regards to children, the Project WET, held virtually, reached 127 students. With at least 5,000 students in the City, this was a very poor turnout. It is hoped that government shut downs and required decrease in social activity will stop so that communities may be free to interact.

Regarding general audiences, we overlapped with our target audience - homeowners, which is the majority of the source of pollution that could enter the storm drain. The community as a whole, despite the government decisions to social distance, did exhibit some success. Billing inserts, followed by social media, and email blasts were effective, as may be seen in participation rates. Participation in using second trash cans, record participation in bulk trash activities, and requests for landfill certificates were all very successful.

Regarding the target audience of homeowners, billing inserts and direct emails to residents were used. Topics included trash and bulk trash placement and information on Household Hazardous Waste. With 27,000 homes received the billing inserts and 15,000 email (for 31,000 homes), and more than 240 residents signing up for HHW drop off over the year, that is approximately 1% of the population. This is significant in that previous years had 0.5% or less of the population participating in HHW drop-off. Another successful activity was outreach to the general public, using social media postings, and website updates. The City's only significant pollutant is fugitive trash. One of the sources of fugitive trash is overfilled trash carts. The use of social media, and city website updates helped more than 300 residents be aware of and use a second cart.

Additionally, we experienced a decrease in the reports and cleanup of illegal dumping. In 2019-2020, we had 85 work activities for illegal dumping, and in 2020-2021 we had 48 illegal dumping work orders. Documented in a GIS database and seen on the "Environmental Work Order dashboard." Our educational activities have not increased knowledge of Stormwater Pollution, but they have effectively reduced stormwater pollution by reaching residents in a way that matters and is understood by the population.

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

Answer:

BMP Name: Public Reporting

Category: Public Participation

Personnel Position/Department: Environmental Manager/Public Works

BMP Description :

Provide methods for the public to comment on all aspects of the Stormwater Management Program.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 10/31/2017

Targeted End Date: 06/30/2021

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Frequency: 1 Annually

Milestone Description:

Annually record the number and type of communication methods for the public to provide communication to the City. Annually record the number of comments received.

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 documentation required for the stormwater program is available on the City's website at www.buckeyeaz.gov/stormwater and www.buckeyeaz.gov/trash. The public is provided significant opportunity to review all aspects of the stormwater program as well as recognize and report concerns and complaints. These avenues for information sharing have resulted in reports and follow-up on potential pollution sources. Although an increase in communication has created an increase in requests for landfill certificates and participation in the City's household hazardous waste program, there has been no citizen input regarding the stormwater management program actions, documentation, or other related implementation. A direct reporting mechanism is in place to allow citizens to comment, yet has had not received any comments on the operational documents of the stormwater program. There is a mechanism in place for the public to report environmental concerns. This site receives significant input, and each report is investigated and completed.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue existing program

BMP Name: Public Participation Through Volunteerism

Category: Public Involvement

Personnel Position/Department: Environmental Manager/Public Works

BMP Description :

Volunteer events and activities shall be performed annually including bulk trash, improper disposal, clean-up activities, outreach events, speaking engagements, Adopt-A-Road, and Household Hazardous Waste drop off.

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:

The Department shall hold and invite the public to assist in cleaning up improper disposal areas throughout the City including, but not limited to, individual clean-up activities and Adopt-A-Road. Measurable goals shall be to offer these services and record the amount of material collected, the number of volunteers involved, and other measurable information as it becomes available.

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

Actual BMP Start Date: 07/01/2018

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

The city provides events for public participation such as neighborhood clean-ups (Adopt-A-Neighborhood), Adopt-A-Road, and Household Hazardous Waste drop off, and more. Since the County, State, and Federal governments have limited the accessibility of social contact activities, the city has had limited opportunity to conduct these activities. That said, the city maintains a website to report pollution concerns, we maintain a presence on social media, and we issue billing inserts to educate residents on the ability to participate. Staff have attempted to interact with citizens through these outlets promoting pollution prevention and providing resources to report IDDE.

Effectiveness is measured in the number of activities recorded: We were able to host 36 scheduled household hazardous waste (HHW) drop-off events starting in September. The HHW activity was promoted through billing inserts, city website information, and an email blast. From this marketing, we had more than 240 residents call in to schedule HHW drop off, totaling more than 15,390lbs of material. We also promoted bulk trash placement through these same contactless avenues and saw continued record participation.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue existing program

BMP Name: Public Availability

Category: Public Participation

Personnel Position/Department: Environmental Manager/Public Works

BMP Description :

Make the Stormwater Management Program, Permit, Annual Reports, and other documentation related to permit operation and compliance available to the public. Keep the information up to date. Submit a news report or notice to the public of the availability of the documentation.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 06/30/2021

Frequency: 1 Annually

Milestone Description:

Record the locations of the information and the type of information available. Record the date and type of notice provided to the public.

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

Actual BMP Start Date: 07/01/2018

Date:

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

Stormwater program documentation is publicly available on the City's website. It is updated as it is completed, and may be found at www.buckeyeaz.gov/stormwater.

The availability of this information is issued to residents via email blasts and billing inserts.

The reporting mechanism, through the city website, allows citizens to see the different documents, and to provide comment.

This BMP is effective in that all documentation is maintained available at all times.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue existing program

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.

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Regarding effectiveness: This MCM is to make the stormwater management program available for the public, to promote reporting on pollution and the stormwater management program implementation, and to promote public participation in activities that would prevent pollution.

The program information has been available online, and the public has been given notice that the material was available. This information is not acted upon by residents, but residents do act on things in which they care. Residents have used the online reporting form, and various city phone numbers to alert staff of pollution concerns. Residents participated in one neighborhood cleanup event. There has been limited citizen participation during this reporting period, which was directly related to the city, state, and federal government social interaction restrictions. Multiple requests were received for cleanup activities, but the department was not able to participate until social distancing restrictions had been lifted.

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 Dry Weather Outfall Monitoring

Category: Dry Weather Screening

Personnel Position/Department: Environmental Manager/Public Works

BMP Description :

Perform a visual dry weather outfall/field screening points, monitoring event at each outfall/point at least once per year.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 01/01/2017

Targeted End Date: 06/30/2021

Frequency: 1 Annually

Milestone Description:

Record dry weather monitoring data for all outfalls/screening points once per year, including the number of outfalls/screening points and findings of monitoring efforts.

The City has one outfall, additional screening points, per permit section 6.4.3.8.b where stormwater leaves the permitted area or where stormwater discharges to another MS4 or other conveyance, have not been found in our MS4. If such an area is found, this point will be added as a field screening point.

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

Actual BMP Start Date: 07/01/2018

Date:

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

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Dry weather screening of our field screening point occurs frequently. As the MS4 is part of an irrigation tailwater system, all flows observed are traced to determine if an illicit discharges exists. No illicit discharges have been found. Please refer to DMR for outfall data collection and observation.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue existing program

BMP Name: SOPs

Category: Written IDDE Procedures

Personnel Position/Department: Environmental Manager/Public Works

BMP Description :

Have procedures written by the end of permit year 1 (completed). Have an Enforcement Response Plan completed by September 2018 (completed), and perform an annual analysis of the program activities.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 06/30/2021

Frequency: 1 Annually

Milestone Description:

Each year, review activities and ensure the processes are in place, up to date, and functioning.

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.

These items were completed. An annual review of activities and processes occurs each year to ensure the programs function as designed and processes are modified as necessary.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue existing program

BMP Name: Analytical Monitoring

Category: Analytical Monitoring

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Personnel Position/Department: Environmental Manager/Public Works

BMP Description :

Maintain a method to perform analytical monitoring for discharges to impaired, non-attaining, or Outstanding Arizona Waters, and per ADEQ notification to ensure protection of receiving water quality or permit compliance is occurring.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 06/30/2021

Frequency: 4 Annually

Milestone Description:

As required, if the city discharges to an impaired water, non-attaining water, Outstanding Arizona Water, or if written notification from ADEQ as prescribed in the permit is received, analytical monitoring will occur twice during each wet season (Summer Wet Season: June 1 through October 31, Winter Wet Season: November 1 through May 31) , or on another schedule as determined appropriate as dictated by an approved Total Maximum Daily Load.

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

Actual BMP Start Date: 07/01/2018

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

The city does maintain an on-call list of contractors that may be used to perform sampling analysis. As the city has no discharges that flow to impaired, outstanding, or not-attaining waters, and no uncontrolled or ongoing illegal discharges were found, no analytical monitoring was performed.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue existing program

BMP Name: Follow-Up Screening

Category: Follow-Up Screening

Personnel Position/Department: Environmental Manager/Public Works

BMP Description :

All illicit discharges will be immediately stopped. and screening information will be collected.

Is another government entity responsible for this BMP ? No

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Measurable Goals:

Start Date: 01/01/2017
Targeted End Date: 09/29/2021
Frequency: 1 One time event

Milestone Description:

Number of illicit discharges stopped, number of follow-up inspections performed for each illicit discharge found. Illicit discharge findings reported into DMR including outfall/field screening point identification, personnel, time, date, weather conditions at time of inspection, estimated flowrate, apparent odor, color, clarity, debris, floatables, and other information pertinent to the discharge.

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.

No illicit discharges were discovered during FY21. Refer to DMR report for additional information.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with visual monitoring program.

BMP Name: Visual Stormwater Discharge Monitoring

Category: Wet Weather Monitoring

Personnel Position/Department: Environmental Manager/Public Works

BMP Description :

Perform Visual Stormwater Discharge Monitoring using an Auto Visual Monitoring method as recommended by ADEQ during the permitting process.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 01/01/2017
Targeted End Date: 09/29/2021
Frequency: 4 Annually

Milestone Description:

Install camera at outfalls. Four times per year, two rain events in the dry season and two in the wet season, capture auto visual photographs of the storm discharge (Summer Wet Season: June 1 through October 31, Winter Wet Season: November 1 through May 31).

If more than five outfalls exist, five representative outfalls shall be chosen.

Additional screening points, per permit section 6.4.3.8.b where stormwater leaves the permitted area or where stormwater discharges to another MS4 or other conveyance, have not been found in our MS4. If such an area is found, this point will be added as a field screening point. The area we claim as an outfall is a discharge to a private irrigation system. This system eventually discharges to the Arlington Canal at or about 33.349498, -112.591140.

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

Actual BMP Start Date: 07/01/2018

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

The city continued to monitor using auto visual monitoring methods. Please see the DMR report for monitoring results.

With only one current field screening point(one location that actually discharges to a private system (irrigation channels) that eventually discharges to a protected water), the city monitors this point as required by the permit. With the bulk of the monitoring captured by auto visual methods (a game camera), some physical on-site monitoring has also occurred during rain events. Physically being present during a first flush has not been possible.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue existing program

BMP Name: Training

Category: Staff Training

Personnel Position/Department: Human Resources

BMP Description :

Use existing web training modules to provide and record training to all employees.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 04/01/2017

Targeted End Date: 09/29/2021

Frequency: 1 Annually

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Milestone Description:

Number of staff that have taken the annual web training vs. number of staff that work in the ROW or facilities including Public Works, Water Resources, and Community Services Department staff.

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

Actual BMP Start Date: 07/01/2018

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

Provide stormwater program training to all City staff on an annual basis. This BMP is effective as staff understand how to recognize and report illegal dumping, how to properly store hazardous waste, chemicals, and overall understand and help prevent pollution.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue existing program

BMP Name: IDDE Program (PIP)

Category: Implement IDDE Program

Personnel Position/Department: Environmental Manager/Public Works

BMP Description :

The purpose of the Proactive Inspection Program (PIP) is to prohibit illicit discharges and improper disposal to the MS4. This activity includes:

- Maintain regulatory authority,
- Create and maintain a written enforcement procedure,
- Perform inspections of businesses and residential areas,
- Maintain a list of all commercial and industrial facilities that discharge to the MS4,
- Relate effectiveness of reduction of illegal dumping to educational activities,
- Respond to and eliminate complaints and findings of illicit discharges and improper disposal as they are found.

The City will maintain a list of all business licenses issued within the City, and maps of all residential areas that discharge to the City’s MS4. Inspections shall be performed on the entire MS4, and shall include documentation of signs of encroachment of illicit discharges and improper disposal (IDID) into the rightofway and MS4, and for storage of pollutant material that will encroach onto the rightofway and thereby into the MS4.

Any areas of concern (staining or poor BMPs of stormwater pollution) shall be placed on a priority list for annual inspections and education to responsible parties, and active IDID shall be stopped when observed.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 06/30/2021

Frequency: 25 Percent per year

Milestone Description:

Measurable goals shall be the amount of the storm system observed, the number of proactive inspections of businesses performed, number of illicit discharges found, number of facilities that discharge without an AZPDES/NPDES permit, number of illicit discharges stopped, number of Enforcement actions taken (including Notices of Violation, civil citation, fines, or other education and enforcement actions).

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 City maintains regulatory authority in its code, as noted earlier in this report, City Code chapters 9, 10, 16, 19, and 20.

A written enforcement procedure in a Standard Operating Procedure, and process prescribed by code, is maintained.

A list of all commercial properties is kept, and updated annually, and maps of the MS4 and stormwater systems are continuously maintained.

These codes and the SOP direct the City to perform inspections of businesses that discharge to the MS4, as well as inspections of all residential areas on a regular basis; minimally, annually. This year, 4 full city wide inspections have occurred of every residential property and every business that is in the MS4.

The City has multiple methods for residents to report illegal dumping. This information is documented, responded to, and eliminated as found. This year, 47 reports and spill response actions were received and completed.

As staff perform inspections and maintenance, they also look for encroachment on the right of way, and respond by direct inspection, or report for prioritization and follow-up. The ROW is inspected minimally at least monthly as a part of the street sweeping activities.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue existing program

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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.

The City received a number of online and phone reports of pollution concerns, more than 47 for the year. This shows that the communication methods are effective, and known by the population.

Each of these illegal dumping and improper disposal reports were responded to within 3 business days. This shows that the city has an adequate responsiveness to reports.

Some of the reports were generated by staff directly associated with streets maintenance, which shows that the SOPs, processes, and training are working.

All of the reports received were evaluated and common problems found were used in educational outreach activities including email blasts, billing inserts, and updates to residential service brochures.

These programs are effective as the City has been successful in stopping pollution before it enters the MS4.

Question: Were staff trained in IDDE Awareness and Response?

Answer:

Yes

Sr.No.	Date of Training Event	Training Subject	Number of Employees Trained	Frequency of Training
1	05/27/2021	Stormwater Good Housekeeping	451	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: 16

Number of IDDE incidents responded to in this reporting period: 16

Sr.No.	Enforcement Actions	Enforcements Issued	Enforcements Resolved	Enforcements Unresolved
1	NOV	0	0	0
2	NOC	16	16	0

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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	16	16	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 were no illicit discharges to the MS4; therefore, no samples were collected. City is prepared to conduct analytical monitoring as needed.

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: Public Involvement

Category: Education/Public Involvement

Personnel Position/Department: Environmental Manager/Public Works

BMP Description :

Maintain a method for residents to issue complaints about encroachment of pollutants to the Right of Way from 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 Daily

Milestone Description:

Number of complaints received regarding discharges from construction sites to the MS4.

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

Actual BMP Start Date: 07/01/2018

Date:

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

Citizens may contact the City to issue construction site complaints via phone/voicemail, email, and through the City's website. This information is provided to all residents as they sign up for new solid waste accounts, including all new residents in the city (2,900 new homes during this reporting year). The information is also sent out in email blasts to the City, and on the city website. Residents may also call many city offices including the City Manager, to the city Public Information Officer, to City Engineering, and to Public Works to issue a report regarding construction sites and pollution.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with same program.

BMP Name: Inventory

Category: Inventory

Personnel Position/Department: City Engineer/Development Services/Construction and Procurement

BMP Description :

Maintain a list of all land disturbances underway in the city that discharge to the MS4.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 100 Annually

Milestone Description:

Number of sites under development/disturbed soil for land disturbance that is an acre or larger, or part of a common plan of development that is one acre or larger that discharge to the MS4.

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

Actual BMP Start Date: 07/01/2018

Date:

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

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The Engineering and Development Services Departments maintain a list of construction projects, and maintain a report the daily inspections. During this reporting term, there were no land disturbances that were an acre or larger or part of a common plan of development that were an acre or larger within the city MS4.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with same program.

BMP Name: Staff Training

Category: Training

Personnel Position/Department: City Engineer/Development Services/Construction and Procurement/Public Works

BMP Description :

All staff associated with waste, erosion, and sediment control plan review, inspections, and enforcement to the MS4 shall receive training on these subjects, and city policy and processes.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 06/30/2017

Targeted End Date: 09/29/2021

Frequency: 1 Annually

Milestone Description:

Total number of staff associated with construction in the Ms4, and perform plan review, inspections, and enforcement vs. the number of staff trained.

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.

Staff associated with construction activities (administration to field operations) are provided stormwater training on an annual basis.

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 with same program.

BMP Name: Waste, Erosion, and Sediment BMPs

Category: Control Wastes

Personnel Position/Department: City Engineer/Development Services/Construction and Procurement

BMP Description :

Require construction site operators to maintain an elevated level of waste, erosion, sediment controls on their construction sites if they discharge to the MS4.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 100 Percent per year

Milestone Description:

Code authority to require waste, erosion, and sediment control on land disturbance sites.

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.

All development applicants are instructed to maintain waste control on their construction site, and to use a waste hauler licensed by the City. Engineering, Development Services, and Public Works require construction site operators to maintain and control wastes on- and off-site. If an issue is discovered, the City works with the developer to correct the pollution concern. If the issue persists, follow-up enforcement activities may occur.

Three complaints were received of waste controls on construction sites. These were resolved within 3 business days.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with same program.

BMP Name: Waste, Erosion, Sediment BMP Controls

Category: Erosion/ Sediment Control

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Personnel Position/Department: City Engineer/Development Services Department/Construction and Procurement

BMP Description :

Require construction site operators to maintain an elevated level of waste, erosion, sediment controls on their construction sites if they discharge to the MS4.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 100 Percent per year

Milestone Description:

Code authority to require erosion, sedimentation, and waste control on land disturbance sites.

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.

City has codes and processes in place requiring construction site activities to maintain pollution prevention and pollution control activities before, during, and after construction. Various BMPs are utilized throughout the construction process and are modified as needed - all with the goal of preventing pollution. When pollution releases occur, developer is notified and works with City to remedy. During FY21, no land disturbance activities took place within the MS4.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with same program.

BMP Name: Enforcement

Category: Enforcement

Personnel Position/Department: City Engineer/Development Services/Construction and Procurement/Public Works

BMP Description :

Maintain a method of increasing enforcement on land development that refuses to follow erosion, sedimentation, and waste controls per development plan and inspection requirements.

Is another government entity responsible for this BMP ? No

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Measurable Goals:

Start Date: 03/31/2018

Targeted End Date: 09/29/2021

Frequency: 100 Annually

Milestone Description:

Number of inspections, scheduled re-inspections, and follow-up compliance inspections performed, number of Notices of Violations (NOVs) issued, stop work orders issued, or other enforcement actions performed to stop encroachment of pollutants into the MS4.

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

Actual BMP Start Date: 07/01/2018

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

Engineering and Development Services provide routine construction site inspections. When enforcement is needed, Public Works is notified to assist. There were no construction activities within the MS4. Processes exist to issue enforcement as needed.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with same program.

BMP Name: Education

Category: Construction Operator Training

Personnel Position/Department: City Engineer/Development Services Department/Construction and Procurement

BMP Description :

Provide education to applicants and permittees on stormwater pollution prevention requirements for construction practices.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 04/30/2017

Targeted End Date: 09/29/2021

Frequency: 100 Percent per year

Milestone Description:

Number of applicants or potential applicants who have received educational information on construction stormwater Best Management Practices (BMPs), number of web pages with construction stormwater BMPs, and the number of training and special events participated in regarding protection of the MS4 from runoff from construction activity.

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

Actual BMP Start Date: 07/01/2018

Date:

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

Each applicant is provided with BMP requirements packet, and a requirement to control pollution onsite. Additionally, the City's website is maintained with stormwater educational information for the community. In addition, Buckeye facilitated a special event activity for construction site operators and inspectors in the region during this fiscal year.

The City facilitated, in conjunction with AZ Water's Stormwater Committee, a construction site BMP/good housekeeping training on April 27, 2021.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with same program.

BMP Name: Inspection Process

Category: Inspections

Personnel Position/Department: City Engineer/Development Services/Construction and Procurement/Public Works

BMP Description :

Perform construction site inspections ensuring waste, erosion, sediment controls on land development sites that discharge to the MS4.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 03/31/2018

Targeted End Date: 09/29/2021

Frequency: 100 Annually

Milestone Description:

Written procedures for site inspections and enforcement for land disturbance that is an acre or larger, or part of a common plan of development that is one acre or larger that discharge to the MS4.

Number of inspections performed for construction sites that discharge to the MS4.

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

Actual BMP Start Date: 07/01/2018

Date:

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

The City Engineering Department performs construction site inspection on a routine basis throughout the entire construction process, and have the ability to require site mitigation to stop pollution from leaving a construction site. Additionally, the Public Works Department may be called on to assist with non-compliance. During FY21, there were no land disturbance activities within the MS4.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with same program.

BMP Name: Site Plan Review

Category: Site Plan Review

Personnel Position/Department: City Engineer/Development Services/Construction and Procurement/Public Works

BMP Description :

Perform plan review for waste, erosion, and sediment control for all sites that are an acre or larger or part of a common plan of development that is an acre or larger that discharge to the MS4.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 03/31/2018

Targeted End Date: 09/29/2021

Frequency: 100 Annually

Milestone Description:

Number of applications for construction sites that discharge to the MS4.

Number of plan reviews for construction sites that discharge to the MS4.

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

Actual BMP Start Date: 07/01/2018

Date:

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

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All site plans are reviewed by Public Works staff that implement protection of the right of way. Every applicant for construction is made aware of the requirement to alert the city if they are or may discharge to the City MS4. There were no construction sites that fell within this category during 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 with same program.

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.

Engineering, Development Services, and Public Works work together to ensure construction site operators abide by city, county, state, and federal code to control pollution on construction sites, and prevent runoff.

Although there were no construction sites within the MS4, the city processes have been in place, and the city has successfully completed requirements for MCM4.

Question: Were any construction activity operator training events conducted?

Answer:

Yes

Sr.No.	Date of Training Event	Training Subject	Number of Employees Trained	Frequency of Training
1	04/27/2021	Construction Site Inspections and BMP operations	32	Annually

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

Answer:

Number of active construction sites in this reporting period: 0

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: 0

Number of active construction sites inspected at least monthly: 0

Number of active construction sites inspected at least annually: 0

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: Inspections

Category: Enforcement

Personnel Position/Department: Environmental Manager/Public Works

BMP Description :

Perform inspections on post-construction stormwater structural controls that discharge into the MS4.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 06/30/2017
Targeted End Date: 09/29/2021
Frequency: 25 Percent per year

Milestone Description:

Inspect 25% of storm water structures that discharge to the MS4 each year. Record the number of structures and the number of inspections performed.

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

Actual BMP Start Date: 06/30/2017

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

Inspection and mapping of the MS4 area has determined there are no stormwater structures discharging into the MS4.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with same program.

BMP Name: Structural/Non-Structural BMP

Category: Structural/Non-Structural BMP

Personnel Position/Department: City Engineer/Development Services/Construction and Procurement

BMP Description :

All new and re-development is required to follow existing development requirements including effective structural and non-structural design practices allowable by the City's design standards.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016
Targeted End Date: 09/29/2021
Frequency: 1 One time event

Milestone Description:

Review Stormwater Drainage System Manual, DM500-1.3 and update as necessary.

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

Actual BMP Start 09/30/2016

Date:

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

Engineering, Development Services, and Public Works review the drainage system manual and updates as needed. These divisions require development to adhere to these written guidelines.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with same program.

BMP Name: Site Plan Reviews

Category: Site Plan Reviews

Personnel Position/Department: City Engineer/Development Services/Construction and Procurement/Public Works

BMP Description :

Implement and maintain a site plan review process.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 100 Percent per year

Milestone Description:

Maintaining a plan review process for all public and private construction occurring within the city and the number of applications received and reviewed.

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

Actual BMP Start 07/01/2018

Date:

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

Site plan review processes allow staff to specifically address stormwater runoff/pollution prevention concerns. Staff advises design engineers of any discrepancies and works alongside various city departments to ensure plans are reviewed and commented on per approved codes and ordinances.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with same program.

BMP Name: Runoff Control Authority

Category: O&M Procedures

Personnel Position/Department: City Engineer/Development Services/Construction and Procurement/Public Works

BMP Description :

All new and re-development is required to follow existing development requirements. All new construction is to receive runoff from 1/2 of the ROW and hold the 100-year, 2-hour event. This rule is currently in place and active for all construction.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 100 Percent per year

Milestone Description:

Review the Stormwater Drainage System Design Manual, DM500-1.3 and updated as necessary.

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.

Construction site operators cannot move forward with development unless the City's codes and ordinances are adhered to. During FY21, there were no land disturbing activities within the MS4.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with same program.

BMP Name: Post-Construction Inventory

Category: Inventory

Personnel Position/Department: City Engineer/Development Services/Construction and Procurement/Public Works

BMP Description :

An inventory of post-construction stormwater control measures that discharge to the MS4.

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Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2017

Targeted End Date: 09/29/2021

Frequency: 1 Annually

Milestone Description:

Maintain an inventory of post-construction structural stormwater control measures that discharge to the MS4. Inventory post-construction controls in place that discharge to the MS4.

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

Actual BMP Start Date: 09/30/2017

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

Structural post-construction control measures are documented via City's GIS mapping system and ownership is documented. Any controls that discharge to MS4 are documented. Following city development code, all new development is required to receive stormwater from the right of way. The properties in the MS4 area have no onsite stormwater structures. There are no structures discharging to the MS4.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with same program.

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.

The city determined, through mapping and inspection, that there are no private storm systems discharging to the MS4. The City has codes, ordinances, policies, and procedures in place to inspect and address post-construction stormwater infrastructure, but no new development or redevelopment would be allowed to discharge to the MS4.

Successfully completed requirements for MCM5.

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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
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: MS4 Operations and Activities

Category: Maintenance Activities

Facility Information:

Public Works Fleet Management and Water Resources Yard
 Earl Edgar Maintenance Building
 Public Works Yard

Personnel Position/Department: Streets Division/Public Works

BMP Description :

MS4 maintenance.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2017

Targeted End Date: 09/29/2021

Frequency: 100 Percent per year

Milestone Description:

Number of stormwater structures inspected, the number maintained, and include but not limited to the number of miles of streets swept and the number of inlets inspected and cleaned.

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.

Street sweeping occurs on bi-weekly basis. Inlet/catch basin, pipe, and outlet inspections occur on a scheduled activity by SOP before the summer monsoon.

Maintenance activities included vegetation removal during this reporting year., initiated from staff reports during inspections.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with same program.

BMP Name: Staff Good Housekeeping Training

Category: Training

Facility Information:

Public Works Fleet Management and Water Resources Yard

Earl Edgar Maintenance Building

Public Works Yard

Personnel Position/Department: Human Resources

BMP Description :

Staff training on stormwater pollution prevention and good housekeeping techniques.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2017

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Targeted End Date: 09/29/2021

Frequency: 1 Annually

Milestone Description:

Number of staff trained on stormwater pollution prevention and good housekeeping annually.

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

Actual BMP Start Date: 07/01/2018

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

The city conducts good housekeeping training for staff on an annual basis. Training effectiveness is shown in that staff maintain sites pollution free, and issue reports of pollution concerns.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with same program.

BMP Name: City Facility Inventory

Category: Inventory

Facility Information:

Public Works Fleet Management and Water Resources Yard

Earl Edgar Maintenance Building

Public Works Yard

Personnel Position/Department: Environmental Manager/Public Works

BMP Description :

Maintain a list of all facilities owned or operated by the City.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2017

Targeted End Date: 09/29/2021

Frequency: 1 Annually

Milestone Description:

An updated list of municipal facilities updated annually.

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.

The only municipal facility that exists in the MS4 is City Hall. The only pollution concern for this facility are trash dumpsters which are maintained twice per week, and inspected annually. Facilities and inspections listed in this section are mandated by process and are entered and performed to show the city effort to maintain significant pollution control regardless of MS4 area. Inspections are performed on a routine basis of three high-priority facilities in the City jurisdiction, despite being located outside of the MS4. No pollution concerns were discovered during inspections. This shows the staff understanding of good housekeeping and pollution prevention requirements.

Inspections were performed on routine basis of three high-priority facilities within the City.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with same program.

BMP Name: City Facility BMP Update

Category: Maintenance Schedule

Facility Information:

Public Works Fleet Management and Water Resources Yard

Earl Edgar Maintenance Building

Public Works Yard

Personnel Position/Department: Environmental Manager/Public Works

BMP Description :

Perform inspections on high-priority facilities owned or operated by the municipality.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2017

Targeted End Date: 06/30/2021

Frequency: 1 Annually

Milestone Description:

Perform inspections on all high-priority facilities owned by the city that discharge to the City MS4, and implement recommended BMPs to control pollution from municipal operations.

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

Main Office

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Southern Regional Office

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Actual BMP Start 07/01/2018

Date:

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

The only municipal facility that exists in the MS4 is City Hall. The only pollution concern for this facility are trash dumpsters which are maintained twice per week, and inspected annually. Facilities and inspections listed in this section are mandated by process and are entered and performed to show the city effort to maintain significant pollution control regardless of MS4 area. Inspections are performed on a routine basis of three high-priority facilities in the City jurisdiction, despite being located outside of the MS4. No pollution concerns were discovered during inspections. This shows the staff understanding of good housekeeping and pollution prevention requirements.

Inspections were performed on routine basis of three high-priority facilities within the City.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with same program.

BMP Name: City Facility Prioritization

Category: Facility Prioritization

Facility Information:

Public Works Fleet Management and Water Resources Yard

Earl Edgar Maintenance Building

Public Works Yard

Personnel Position/Department: Environmental Manager/Public Works

BMP Description :

Determine activities performed at each facility, the existence of potential pollutants at each facility, steps or BMPS necessary to maintain pollution prevention, and the discharge potential of each facility.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2017

Targeted End Date: 09/29/2021

Frequency: 1 Annually

Milestone Description:

Prioritize municipal facilities including the reason for the prioritization and the frequency of inspection.

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.

The only municipal facility that exists in the MS4 is City Hall. The only pollution concern for this facility are trash dumpsters which are maintained twice per week, and inspected annually. Facilities and inspections listed in this section are by mandate by process and are entered and performed to show the city effort to maintain significant pollution control regardless of MS4 area. Inspections are performed on a routine basis of three high-priority facilities in the City jurisdiction, despite being located outside of the MS4. No pollution concerns were discovered during inspections. This shows the staff understanding of good housekeeping and pollution prevention requirements.

Inspections were performed on routine basis of three high-priority facilities within the City.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with same program.

BMP Name: Facilities BMPs

Category: O&M Procedures

Facility Information:

Public Works Fleet Management and Water Resources Yard

Earl Edgar Maintenance Building

Public Works Yard

Personnel Position/Department: Environmental Manager/Public Works

BMP Description :

Review operations and maintenance procedures for high risk facilities annually. Review inspection data, facility maintenance activities, and determine if changes are needed.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 06/30/2021

Frequency: 1 Annually

Milestone Description:

Review procedures and inspection data and confirm if pollution prevention activities and processes are effective to prevent discharges to the MS4.

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

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Actual BMP Start 09/30/2016

Date:

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

The only municipal facility that exists in the MS4 is City Hall. The only pollution concern for this facility are trash dumpsters which are maintained twice per week, and inspected annually. Facilities and inspections listed in this section are mandated by process and are entered and performed to show the city effort to maintain significant pollution control regardless of MS4 area. Inspections are performed on a routine basis of three high-priority facilities in the City jurisdiction, despite being located outside of the MS4. No pollution concerns were discovered during inspections. This shows the staff understanding of good housekeeping and pollution prevention requirements.

Inspections were performed on routine basis of three high-priority facilities within the City.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with same program.

BMP Name: City Facility Inspection

Category: Inspections

Facility Information:

Public Works Fleet Management and Water Resources Yard

Earl Edgar Maintenance Building

Public Works Yard

Personnel Position/Department: Environmental Manager/Public Works

BMP Description :

Perform stormwater pollution prevention inspections of each facility owned or operated by the City, prioritized to prevent or reducing pollutant runoff from operations that discharge, to protect water quality of receiving waters.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2017

Targeted End Date: 09/29/2021

Frequency: 4 Quarterly

Milestone Description:

Perform quarterly inspections of all facilities that discharge. Prioritize and adjust to more frequent inspections based on the risk to discharge pollutants. Maintain and implement a site inspection schedule.

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

Actual BMP Start Date: 07/01/2018

Date:

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

The only municipal facility that exists in the MS4 is City Hall. The only pollution concern for this facility are trash dumpsters which are maintained twice per week, and inspected annually. Facilities and inspections listed in this section are mandated by process and are entered and performed to show the city effort to maintain significant pollution control regardless of MS4 area. Inspections are performed on a routine basis of three high-priority facilities in the City jurisdiction, despite being located outside of the MS4. No pollution concerns were discovered during inspections. This shows the staff understanding of good housekeeping and pollution prevention requirements.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with same program.

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.

Continued annual good housekeeping staff training
Continued street sweeping program
Continued O&M Summer Monsoon inspections of the MS4
Continued high-priority facility inspections
Performed system maintenance following inspections when needed
The city has successfully completed requirements for MCM6.

Question: Was staff training conducted?

Answer:

Yes

Sr.No.	Date of Training Event	Training Subject	Number of Employees Trained	Frequency of Training
1	05/27/2021	Stormwater Good Housekeeping	451	Annually

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CERTIFICATION OF SUBMISSION

SCOTT W LOWE

You validated your identity by answering your personal security question and password on myDEQ at **08:47 AM** on **09/30/2021**. 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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