



ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY



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

Small MS4 Annual Report

ID #: AZSM65885

MS4 Name: DAVIS MONTHAN AFB MS4

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

Main Office

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Annual Report Summary

Company Information

Name : UNITED STATES AIR FORCE - DAVIS-MONTHAN AFB
3775 S 5TH ST
TUCSON
AZ , 85707

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:

Complete

Question: Is outfall mapping 100 percent complete?

Answer: Yes

Number of outfalls mapped: 5

Provide the description of the measurable goal:

complete

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

Answer: Yes

Provide the description of the measurable goal:

complete

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
Air Force Instruction (AFI)	51-201	01/18/2019	

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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
Air Force Instruction (AFI)	51-201	01/18/2019	

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
Air Force Instruction (AFI)	51-201	01/18/2019	

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

Answer:

BMP Name: broadscope flyers_G-1

Category: Brochures

Personnel Position/Department: Stormwater Program Manager

BMP Description :

Distribution of broadscope flyers by the Water Program Manager and Unit Environmental Coordinators for distribution to base offices. Target audience can be specific to one industrial shop or the general base populace.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 10/01/2016

Targeted End Date: 09/29/2021

Targeted Audience: one industrial shop
or the general base populace
Frequency: 1 Annually

Milestone Description:

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1. Provide public education/outreach to at least (1) target group on one (1) or more topics each year.
2. Document in the annual report the outreach approach selected, the topic, the target group, and an estimated number of personnel reached, including the number of brochures distributed.

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

Actual BMP Start Date: 06/01/2021

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

355 CES briefed at staff meeting - 15 staff

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

355 EMS Briefing

BMP Name: base events_G-1

Category: Special Event

Personnel Position/Department: Stormwater Program Manager

BMP Description :

Publicize base stormwater program at base events (Earth Day, air shows, Junior Enlisted Appreciation Day).

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 10/01/2016

Targeted End Date: 09/29/2021

Targeted Audience: base population **Frequency:** 1 Two times per year

Milestone Description:

DMAFB will host at least one outreach event annually for base population (retired and military). Stormwater information will be provided at the outreach activities and documented to describe the efforts, audience and impacts to the base SharePoint site.

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

ADEQ Directed Change: 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.

COVIDs prevented gathering of staff; share-point site under-migration

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Update new share-point site; provide outreach at A&A days event

BMP Name: active internal SharePoint_G-1

Category: Webpage

Personnel Position/Department: Stormwater Program Manager

BMP Description :

Maintain/Update active internal SharePoint communication tool.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 10/01/2016

Targeted End Date: 09/29/2021

Targeted Audience: Unit Environmental Coordinators **Frequency:** 1 Quarterly

Milestone Description:

The base SharePoint website will contain a water quality media specific webpage and will serve as the primary documentation tool for news articles, public outreach events, meetings, and weblinks (i.e. AZSTORM).

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.

Stats not available due to Share-migration - considered effective based on training review

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

monitor Share-point UEC interaction

BMP Name: publish a unique article_G-1

Category: Article

Personnel Position/Department: Stormwater Program Manager

BMP Description :

Distribution of broadscope flyers by the Water Program Manager and Unit Environmental Coordinators for Distribution to base offices. Target audience can be specific to one industrial shop or the general base populace.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 10/01/2016

Targeted End Date: 09/29/2021

Targeted Audience: one industrial shop **Frequency:** 1 Annually
or the general base
populace

Milestone Description:

1. At least once annually, provide the base paper (Desert Lightning News) with an article to publish online and in print.
2. Document in the annual report (include topic and publish date).

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.

COVIDs cancelled article due to minimal delivery system; considering email blast or Power-point log-in slide

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

considering email blast or Power-point log-in slide

BMP Name: base awareness_G-1

Category: Meeting

Personnel Position/Department: Stormwater Program Manager

BMP Description :

Stormwater manager will provide awareness of base stormwater program and initiatives at newcomer’s briefing and EMS crossfunctional teams (CFT) meetings.

Is another government entity responsible for this BMP ? No

Measurable Goals:

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Start Date: 10/01/2016
Targeted End Date: 09/29/2021
Targeted Audience: Management and UECs **Frequency:** 1 Quarterly

Milestone Description:

Training media will include PowerPoint slides and handouts of relevant stormwater issues. Meeting events and audience participation will be documented on base SharePoint site. The Water Quality Manager or his/her representative will attend 100% of the EMS CFT meetings and at least 80% of the newcomer's briefings.

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.

EMS CFTs conducted remotely with Stormwater information quarterly; new-comer brief suspended due to COVIDs

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

EMS CFTs conducted remotely with Stormwater information quarterly; new-comer brief may continue depending on COVIDs

BMP Name: develop and maintain posters_G-1

Category: Display/ Posters

Personnel Position/Department: Stormwater Program Manager

BMP Description :

develop and maintain posters and outreach display toolkit that:

1. Informs base personnel of problems/concerns that may impact water quality.
2. Outlines initiatives personnel/residents can implement that will mitigate the problem.
3. Motivates a change in perspective from a reactionary culture to a proactive.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 10/01/2016

Targeted End Date: 09/29/2021

Targeted Audience: base personnel **Frequency:** 1 Annually

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Milestone Description:

1. Obtain and/ or develop posters for stormwater controls relative to facility stormwater potential impacts. Topics include vehicle maintenance, bulk fuel loading/unloading, OWS management, spill cleanup and parking lot maintenance.
2. Annually document new established locations and number of posters distributed/posted.

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.

Too many shop and location shut down due to COVIDs - training conducted for SPCC on a limited basis

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

shop and location dependent on COVIDs - training conducted for SPCC on a limited basis

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.

None due to COVIDs

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

Answer:

BMP Name: increase awareness of corporate issues

Category: Public Participation

Personnel Position/Department: Stormwater Manager

BMP Description :

Water Quality Manager or representative will increase awareness of stormwater issues applicable in arid/semiarid climates and learn about available resources and public involvement opportunities.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 10/01/2016

Targeted End Date: 09/29/2021

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Frequency: 75 Percent per year

Milestone Description:

1. Attend 75% of the Pima Association of Governments (PAG) Stormwater Management Working Group meetings.
2. Post any relevant information to the SharePoint site and document in the annual report the topics and frequency of attendance

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.

COVIDs limited PAG involvement - attended several Water Zoom-meetings discussing Southern AZ Water

Took part in reviews of Stormwater Permitting for municipalities in AZ

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

COVIDs limited PAG involvement - attended several Water Zoom-meetings discussing Southern AZ Water

BMP Name: Call for input_G-2

Category: Public Involvement

Personnel Position/Department: Stormwater Program Manager

BMP Description :

The Water Program Manager will “call for” base personnel involvement on stormwater activities and input/feedback on the base Stormwater Management Plan (SWMP).

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 10/01/2016

Targeted End Date: 09/29/2021

Frequency: 1 Annually

Milestone Description:

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1. Annual Notification will be made by email, electronic SharePoint updates, and through the environmental management system leadership meetings. Comments will be reviewed, analyzed, and incorporated by the Water Program Manager
2. Post the most current SWMP and the latest annual report to the base's SharePoint site annually

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

Actual BMP Start Date: 07/02/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.
 Limited due to COVIDs - no face to face but Quarterly staffing and EMS CFTs attended and briefed

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:
 SWMP posted internally to XP site with SWPPP update

BMP Name: Spill/Illicit discharge monitoring and reporting_G-2

Category: Public Involvement

Personnel Position/Department: Stormwater Program Manager;

BMP Description :
 Spill/Illicit discharge monitoring and reporting Stormwater Hotline/Email
 Owner: Stormwater Program Manager; Facility Managers; Base Personnel; Emergency Management; and DMAFB Fire Department.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 10/01/2016

Targeted End Date: 09/29/2021

Frequency: 1 Quarterly

Milestone Description:

1. Document in the annual report the number of reportable/reported spills/discharges.
2. Provide an opportunity for base personnel to participate in monitoring and reporting spills, discharges or dumping
by using the Stormwater Hotline/Email and by including information about the Hotline on brochures distributed at base events and the SharePoint site.
3. Annually review/update Shop Specific Emergency Response Plans to ensure all information is correct and procedures are followed.
4. Monitor and report inspections performed by shop leads that are documented in the AF Management Internal Control Toolset (MICT).
5. Provide and publicize a reporting system to facilitate and track reporting of spills, discharges or dumping to the storm sewer system (via the DM AFB SharePoint) on a continual basis.

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

Actual BMP Start 07/02/2018

Date:

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

Limited reporting due to COVIDs - several spills reported and cleaned up suggests working except 355 EMS/Test Cell issue

No feedback from staff at CFT concerning Stormwater

Shop Specific ERP reviewed by RCRA manager and updated as necessary - GEObase complete

MICT currently up to date

Spill reporting continues by phone and email

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with BMPs modified to allow for COVIDs

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.

None

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

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Answer:

BMP Name: IDDE6_G-4

Category: Implement IDDE Program

Personnel Position/Department: 355 CES/CEIE

BMP Description :

Prepare and coordinate for signature Wing Implementation Plan.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 10/01/2016

Targeted End Date: 09/29/2021

Frequency: 1 One time event

Milestone Description:

Develop and implement a plan to detect and address nonstorm water discharges that are not authorized by a separate NPDES permit (including illegal dumping).

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.

COVIDs and Op Tempo; e-SSS is in coordination for signature

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

complete coordination COVIDs and Op-Tempo allowing - should be complete by 30 December 2021

BMP Name: IDDE5_G-4

Category: Written IDDE Procedures

Personnel Position/Department: 355 CES/CEIE

BMP Description :

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Ensure practices/ procedures in place to investigate reported/ discovered illicit or nonstormwater discharges (to determine if they are allowable or require further investigation) and to ensure appropriate actions are taken to eliminate illicit discharges in the future. See ETL 141, pages 4851.

Owner: Stormwater Program Manager; Emergency Management Personnel; Base Personnel; Facility Managers

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 10/01/2016

Targeted End Date: 09/29/2021

Frequency: 1 Monthly

Milestone Description:

1. Document in the annual report the number of reported/discovered discharges, the number of those discharges investigated and the outcome of the investigation.
2. If the initial investigation reveals that the discharge is not an allowable discharge and the inspector cannot readily identify the source then initiate the procedures outlined in Air Force Instruction 327001, reporting via the EASI. Once initiated the EASI reporting has 14 days to complete investigation and then another 14 days to complete a final report/update in EASI.

Document in the annual report the number of EASI results and the change to measures instituted to prevent the discharge from occurring in the future.

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

Actual BMP Start Date: 07/02/2018

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

No Event except dry weather

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with monthly/quarterly checks

BMP Name: IDDE2_G-4

Category: Dry Weather Screening

Personnel Position/Department: 355 CES/CEIE

BMP Description :

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Inspection of potential stormwater impacts during nonrain events.

Owner: Stormwater Program Manager; Base Personnel

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 10/01/2016

Targeted End Date: 09/29/2021

Frequency: 1 Quarterly

Milestone Description:

1. Perform a minimum of four inspections per year. The inspector will trace a dry weather flow to its source and determine if the flow is the result of an illicit discharge.
2. Conduct ongoing dry weather visual inspections of all major outfalls.
3. A visual inspection will include documentation the following:

- Flow being present or not
- Water color, odor and clarity
- If floating/settled/suspend solids exist
- If there is foam, an oil sheen or other form of pollution (i.e. trash, debris, etc.)

Annually report inspection results, number of inspections, and report any illicit discharges identified within the reporting year and provide closure steps.

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

Actual BMP Start Date: 07/02/2018

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

at least 4 inspection performed of 5 locations - mostly dry weather events

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue dry weather event inspections monthly

BMP Name: IDDE4_G-4

Category: Wet Weather Monitoring

Personnel Position/Department: 355 CES/CEIE

BMP Description :

Inspection of potential stormwater impacts during rain events.

Owner: Stormwater Program Manager; Base Personnel; Facility Managers

Is another government entity responsible for this BMP ? No

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Measurable Goals:

Start Date: 10/01/2016
Targeted End Date: 09/29/2021
Frequency: 1 Two times per year

Milestone Description:

1. Perform a minimum two inspections per year.
2. Annually report inspection results, number of inspections, and report any illicit discharges identified within the reporting year and provide closure steps.

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

Actual BMP Start Date: 07/02/2018

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

Checks performed monthly in general with No Event except dry weather

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with monthly checks

BMP Name: IDDE3_G-4

Category: Outfall Inventory

Personnel Position/Department: 355 CES/CEIE and CES/CENME

BMP Description :

Ensure all stormwater outfalls are identified and mapped and to ensure the outfalls are properly inventoried.

Owner: Stormwater Program Manager; GIS Informational Management

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 10/01/2016
Targeted End Date: 09/29/2021
Frequency: 1 Annually

Milestone Description:

1. Maintain a GIS map that identifies all the major outfalls and the illicit discharge source(s) if ID'd/known.
2. Document in the annual report any updates to the map.

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

Actual BMP Start Date: 07/02/2018

Date:

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

No changes - 100%

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

No Changes - 100%

BMP Name: IDDE_G-4

Category: Staff Training

Personnel Position/Department: 355 CES/CEIE

BMP Description :

Train base personnel equal with their level of program involvement to equip personnel with the detection, identification, and reporting of illicit discharges.

Owner: Stormwater Program Manager; Facility Managers; Base Personnel; Emergency Management; and DMAFB Fire Department.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 10/01/2016

Targeted End Date: 09/29/2021

Frequency: 1 Annually

Milestone Description:

1. Provide training to stormwater inspectors/field staff to equip personnel in the detection, investigation, and identification of illicit/deminimis/other sources of nonstormwater discharges.
2. Training is provided for program owners annually and new employees are trained within the first year of employment/assignment.
3. Document in the annual report the number of personnel trained and sufficiently document why if no personnel were trained.

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

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Actual BMP Start 07/02/2018

Date:

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

minimal effort due to COVIDs - training with PowerPoint on Website

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue minimal effort with PowerPoint on Website depending on COVIDs

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.

None; website construction/migration interference with training but seems sufficient

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	07/07/2020	monsoon flooding and reporting	25	Annually

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

Answer:

Number of IDDE incidents reported in this reporting period: 0

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

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

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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	0	0	0

Question: Were there any unpermitted discharges to the MS4?

Answer: No

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

Answer: No

Number of Illicit Discharges Sampled are: none - no events

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

Answer:

BMP Name: Construction Site Runoff Control1

Category: Erosion/ Sediment Control

Personnel Position/Department: Stormwater Program Manager

BMP Description :

Ensure construction site owners/operators are complying with the project SWPPP for the period of construction.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 Monthly

Milestone Description:

1. Inspection of 80% of construction sites at least once per month to ensure controls are being maintained.
2. Document in the annual report the number of sites inspected each year.

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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.

100% were inspected by the construction Engineer oversight persons - No Event except dry weather
Due to COVIDs

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with new normal due to COVIDs

BMP Name: Construction Site Runoff Control2

Category: Control Wastes

Personnel Position/Department: Stormwater Program Manager; Construction Site Superintendents;
Construction Quality Assurance Evaluators , Hazardous Material
Management

BMP Description :

Ensure all materials brought on to the installation are properly tracked and conform to material handling
BMP.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 08/29/2021

Frequency: 1 One time event

Milestone Description:

1. Review and evaluate sites to ensure all materials brought onto to base are being tracked within the
EESOH-MIS reporting system.

2. Ensure information is received by contractors each month.

3. Annually document any issues or non-compliance with installation material handling BMP.

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

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Actual BMP Start 07/02/2018

Date:

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

No issues but started a review of the process focusing on the contractor oversight people - see EMS CFT EAP "Contractor SDS Review"

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with EMS CFT EAP

BMP Name: Construction Site Runoff Control4

Category: Site Plan Review

Personnel Position/Department: Stormwater Program Manager

BMP Description :

To ensure all construction projects disturbing one acre of land or more have a Stormwater Pollution Prevention Plan (SWPPP) and that it addresses all requirements outlined in the ADEQ Construction General Permit for Discharges from Construction Activities.

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:

1. DMAFB will review 100% of construction site SWPPPs.
2. Document in the annual report the number of SWPPP submitted and the number reviewed.

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

Actual BMP Start 07/02/2018

Date:

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

reviewed 3 SWPPP

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

BMP Name: Construction Site Runoff Controls5

Category: Written Procedures

Personnel Position/Department: P2 Manager

BMP Description :

Enforce instruction or policy directive that will make all new construction site plans obtain engineering review and evaluation for proper stormwater pollution prevention BMPs

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:

Develop the construction policy directive.

Document is entitled "Civilian Contractor's Environmental Guide" (Appendix G). This document requires that construction site plans obtain an engineering review and evaluation for proper SWPP BMPs during construction.

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

Actual BMP Start Date: 05/15/2019

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

Civilian Contractor's Environmental Guide updated/reviewed and posted to eDASH

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Civilian Contractor's Environmental Guide continues

BMP Name: Construction Site Runoff Controls

Category: Construction Operator Training

Personnel Position/Department: Stormwater Program Manager; Construction Site Superintendents; Construction Quality Assurance Evaluators (QAE)

BMP Description :

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Support contractor and Quality Assurance Evaluators (QAE) training to stormwater construction site inspectors/ project managers to ensure compliance with SWPPP and proper stormwater controls instituted are maintained and do not impact the installation stormwater system.

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:

1. Provide training for each construction site to include all personnel.
2. Document in the annual report the number of personnel trained
3. Training will include construction site SWPPP review, grading and drainage design standards, requirements for structural and nonstructural control measures on construction sites, construction control measures maintenance requirements, inspection procedures, post-construction stormwater controls & enforcement procedures to ensure compliance with ADEQ Construction General Permit for Discharges from Construction Activities.

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.

Not done due to COVIDs - no issues observed

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with New Normal Training

BMP Name: Construction Site Runoff Control3

Category: Inspections

Personnel Position/Department: Stormwater Program Manager

BMP Description :

To ensure all construction projects disturbing one acre of land or more have a Stormwater Pollution Prevention Plan (SWPPP) and that it addresses all requirements outlined in the ADEQ Construction General Permit for Discharges from Construction Activities.

Is another government entity responsible for this BMP ? No

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Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 One time event

Milestone Description:

1. DMAFB will review 100% of construction site SWPPPs.
2. Document in the annual report the number of SWPPPs submitted and the number reviewed.

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

Actual BMP Start Date: 07/02/2018

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

Inspection done by Site construction Inspector and reported to manager due to COVIDs

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with Inspection pending COVIDs new normal

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.

Sufficient - continue with New Normal for COVIDs

Question: Were any construction activity operator training events conducted?

Answer:

No

Why weren't training events conducted?

minimal projects and COVIDs - minimal training occurred for new AGE facility due to a discovered spill

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: 3

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Has an inspection frequency been developed and implemented? YES

Number of active construction sites inspected at least weekly: 1

Number of active construction sites inspected at least one time every six months: 3

Number of active construction sites inspected at least monthly: 3

Number of active construction sites inspected at least annually: 3

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: Post-Construction2

Category: Inventory

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Personnel Position/Department: Stormwater Program Manager

BMP Description :

Track the best use of Post-Construction BMPs

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:

Track functional BMP for sites

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

Actual BMP Start Date: 06/09/2021

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

No issues with site post construction

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with post construction site checks

BMP Name: Post-Construction3

Category: O&M Procedures

Personnel Position/Department: Construction Quality Assurance Evaluators

BMP Description :

Visually inspect and assess effectiveness of long term structural and nonstructural controls instituted during the construction phase are adequate, complete and maintained.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 Two times per year

Milestone Description:

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1. Inspect ALL completed construction sites twice in the year following completion to ensure controls are being maintained, evaluate the effectiveness of the implemented stormwater controls, and determine if new or modified structural or non-structural BMPs are necessary.

2. Document in the annual report the number of sites inspected and results of the stormwater control(s) effectiveness assessments.

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

Actual BMP Start Date: 06/09/2021

Date:

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

Sites checked without issue - minor rills and erosion present

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with checks

BMP Name: Post-Construction 4

Category: Site Plan Reviews

Personnel Position/Department: Facility Managers

BMP Description :

Adopt MCM 3 Training for all new sites and associated personnel

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 One time every two years

Milestone Description:

1. Training will be provided to each new facility manager upon completion of the facility. Training will include measures to monitor post-closure runoff.

2. Annually report the number of facility managers trained and number of facility assessments performed

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

Actual BMP Start Date: 06/09/2021

Date:

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

approximate 15 people trained due to changes to Web Training and facility Manager turn over

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: Yes

Milestone Description:

BMP Name: POST-CONSTRUCTION1

Category: Structural/Non-Structural BMP

Personnel Position/Department: Stormwater Program Manager; Facility Managers

BMP Description :

Visually inspect and assess effectiveness of long term structural and nonstructural controls instituted during the construction phase are adequate, complete and maintained.

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:

1. Inspect ALL completed construction sites twice in the year following completion to ensure controls are being maintained, evaluate the effectiveness of the implemented stormwater controls, and determine if new or modified structural or non-structural BMPs are necessary.

2. Document in the annual report the number of sites inspected and results of the stormwater control(s) effectiveness assessments.

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

Actual BMP Start Date: 07/02/2018

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

3 sites inspected twice by construction super or inspector

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

all sites constructed in previous year to be checked

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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.

program is acceptable

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: 3

Number of Post-Construction Stormwater controls inspected in this reporting period: 3

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: O&M procedures and Reduce Trash/ Floatables7

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Category: Inventory

Facility Information:

Recycling Center

Street Sweeping

HazMart

Personnel Position/Department: Facility Manager

BMP Description :

Maintain appropriate inventory of equipment potentially impacting Stormwater

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:

inventory of equipment maintained

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

Actual BMP Start Date: 07/02/2018

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

minimal usage due to COVIDs

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

continue with new normal for COVIDs

BMP Name: O&M procedures and Reduce Trash/ Floatables2

Category: Maintenance Activities

Facility Information:

Recycling Center

Street Sweeping

HazMart

Personnel Position/Department: Facility Manager; Heavy Equipment Supervisor

BMP Description :

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Conduct proper infrastructure and equipment maintenance to prevent contaminated runoff from entering waters of the United States.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 Weekly

Milestone Description:

1. Implement a street clean/sweep program where all major streets are cleaned as needed, or after a rain event, or upon request. Remaining streets will be cleaned IAW Civil Engineering Operations' schedule, or upon request, or prior to a special event

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

Actual BMP Start Date: 07/02/2018

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

No trash observed, parking areas clear

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

continue with new normal for COVIDs

BMP Name: O&M procedures and Reduce Trash/ Floatables6

Category: Training

Facility Information:

Recycling Center

Street Sweeping

HazMart

Personnel Position/Department: Stormwater Program Manager; Facility Managers; Hazardous Material Managers; Waste Accumulation Point Managers

BMP Description :

Maintain training for personnel equal with their level of program involvement on Hazardous Material Management, Waste Management, and non-structural BMP.

Is another government entity responsible for this BMP ? No

Measurable Goals:

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Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 Annually

Milestone Description:

Provide training to owners to educate personnel about potential sources of stormwater contamination and ways to minimize the water quality impact of municipal activities through respective environmental program areas of responsibility. Training will be provided as needed through the SharePoint Site and at Facility Manager Training.

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

Actual BMP Start Date: 07/02/2018

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

program is effectively working considering staffing issues due to COVIDs

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with program considering new normal for COVIDs

BMP Name: O&M procedures and Reduce Trash/ Floatables4

Category: Maintenance Schedule

Facility Information:

Recycling Center

Street Sweeping

HazMart

Personnel Position/Department: Heavy Equipment Supervisor; Facility Manager

BMP Description :

Maintain infrastructure and equipment to prevent contaminated runoff from entering waters of the United States through street sweeping

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/30/2016

Targeted End Date: 09/29/2021

Frequency: 1 Weekly

Milestone Description:

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Maintain infrastructure and equipment in accordance with industry accepted standards and manufactures requirements

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

Actual BMP Start 07/02/2018

Date:

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

no issues considered effective

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue with new Normal for COVIDs

BMP Name: O&M procedures and Reduce Trash/ Floatables5

Category: O&M Procedures

Facility Information:

Recycling Center

Street Sweeping

HazMart

Personnel Position/Department: Facility Managers; Stormwater Program Manager; Civil Engineering Operations

BMP Description :

Personnel insure no trash or spills at the end of each day

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:

No trash or spills or visible staining. If applicable, shut rainwater intrusion valve(s) at end of business.

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

Actual BMP Start 07/02/2018

Date:

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

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No trash observed, parking areas clear

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

No trash observed, parking areas clear

BMP Name: O&M procedures and Reduce Trash/ Floatables

Category: Inspections

Facility Information:

Recycling Center

Street Sweeping

HazMart

Personnel Position/Department: Facility Manager

BMP Description :

Personnel insure no trash or spills at the end of each day

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:

No trash or spills or visible staining. If applicable, shut rainwater intrusion valve(s) at end of business.

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

Actual BMP Start Date: 07/02/2018

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

No trash observed, parking areas clear - no changes required

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

No trash observed, parking areas clear - continue

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

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Answer:

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

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

minimal effort due to COVIDs

Question: Was staff training conducted?

Answer:

No

Why weren't training events conducted?

minimal effort due to COVIDs - training emphasized during staff meeting and EMS CFT

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CERTIFICATION OF SUBMISSION

JOHN R MAISCH

You validated your identity by answering your personal security question and password on myDEQ at **02:55 PM** 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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