

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY



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

NOI for Arizona Pollutant Discharge Elimination System (AZPDES) Small Municipal Separate Storm Sewer Systems (MS4s) General Permit

ID #: AZSM65721

NOI Summary

Company Information

Name: ARIZONA STATE UNIVERSITY - MAIN CAMPUS

PO BOX 875512

TEMPE

AZ, 85287

Question: Which of the following best describes operator type?

Answer: State University

Question: Who is the MS4 contact?

Answer:

Contact Name: Kenneth Lufkin

Title: **CPMG Assistant Director**

Department: Capital Programs Management Group

Phone#: 480-727-4501

Email Address: Kenneth.Lufkin@asu.edu

Address: CPMG P.O. Box 875512

Tempe, AZ, 85787

Question: Has another government entity agreed to satisfy any permit obligations?

Answer: No

Question: Has an Illicit Discharge Detection and Elimination (IDDE) enforcement authority or other regulatory mechanism been established?

Answer: Yes

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Name	Title/Code/Citation	Effective Date		
Arizona Revised Statutes, ASU Student Code of Conduct, and ASU Employee Policies and Procedures	ASU Police, Dean of Students, ASU Administration	03/29/2017		
Manual				

Question: Has a Construction Site Stormwater Runoff enforcement authority or other regulatory

mechanism been established?

Southern Regional Office

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Answer: Yes

Name	Title/Code/Citation	Effective Date	
Capital Programs Management Group/Construction Support	Erosion and Sediment Control/Grading Policy	03/29/2017	
Services			

Question: Has a Post-Construction Stormwater Management enforcement authority or other regulatory mechanism been established?

Answer: Yes

Name	Title/Code/Citation	Effective Date
Capital Programs Management Group/Construction Support	Erosion and Sediment Control/Grading Policy	03/29/2017
Services		

Question: Is stormwater sewer mapping 100 percent complete?

Answer: No

30 Percentage completed:

Provide estimated dates for the percent completion:

50% -06/30/2020 75% -06/30/2020 100% -06/30/2020

Describe the mapping progress:

ASU continues to grow. We are incorporating our new facilities into our program, as appropriate. The ASU Infrastructure Utility Master Plan project is ongoing with completion anticipated for summer 2022.

Question: Is outfall mapping 100 percent complete?

Answer: Yes

Number of outfalls mapped:

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

Answer: Yes

Question: For Minimum Control Measure 1: Public Education and Outreach, what are the Best **Management Practices (BMPs)?**

Answer:

BMP Name: MCM 1 - Parking Permit Holders

Category: Permit Agreement

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

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Personnel Position/Department: Parking & Transit Services

BMP Description :

All campus parking permit holders review and accept stormwater IDDE requirements as part of their acceptance agreement for an annual campus parking permit.

Is another government entity responsible for this BMP?

Measurable Goals:

Start Date: 03/28/2017

Targeted End Date: 06/30/2020

Targeted Audience: Campus parking Frequency: 1 Annually

permit holders

Milestone Description:

Track and report the number of campus parking permits issued

BMP Name: MCM 1 - Sustainability Webpage

Category: Webpage

Personnel Position/Department: ASU School of Sustainability

BMP Description :

Website of the School of Sustainability linking students to Pollution Prevention activities, clubs and resources on campus: https://sustainability.asu.edu/campus

Is another government entity responsible for this BMP?

Measurable Goals:

Start Date: 07/01/2019

Targeted End Date: 06/30/2020

Targeted Audience: Students living on Frequency: 1 Annually

campus/University

Housing

Milestone Description:

Track and report website visits annually

BMP Name: MCM 1 - Stormwater Webpage

Category: Webpage

Personnel Position/Department: Capital Programs Management Group

BMP Description :

Maintain a Stormwater webpage with general stormwater awareness information and guidance: https://cfo.asu.edu/stormwater-program

Is another government entity responsible for this BMP?

<u>Measurable Goals:</u>

Start Date: 03/28/2017

Targeted End Date: 06/30/2020

Targeted Audience: Students, faculty, Frequency: 1 Annually

staff and visitors

Milestone Description:

Report significant updates annually; track and report website visits annually

Question: For Minimum Control Measure 2: Public Involvement and Participation, what are the Best Management Practices (BMPs)?

Answer:

BMP Name: MCM 2 - SWMP Public Inquiries

Category: Public Involvement

Personnel Position/Department: Capital Programs Management Group

BMP Description :

Respond to inquiries about the SWMP and stormwater pollution prevention

Is another government entity responsible for this BMP?

Measurable Goals:

Start Date: 03/28/2017

Targeted End Date: 06/30/2020

Frequency: 1 Annually

Milestone Description:

Report the number of inquiries and the percentage responded to within 15 days

BMP Name: MCM 2 - Pollution Prevention Activities

Category: Public Involvement

Personnel Position/Department: Capital Programs Management Group

BMP Description :

Stormwater pollution prevention activities such a Zero Waste Ambassadors, Composting, Ditch the Dumpster, and Asurite hazardous waste disposal program.

Is another government entity responsible for this BMP?

Measurable Goals:

 Start Date:
 03/28/2017

 Targeted End Date:
 06/30/2020

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400 W.Congress Street . Suite 433 . Tucson, AZ 857

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

Frequency: 1 Annually

Milestone Description:

Report the amount of hazardous waste collected annually; report the total amount of landscape waste going to landfill; narrative account of other activities

BMP Name: MCM 2 - SWMP Annual Updates

Category: **Public Participation**

Personnel Position/Department: Capital Programs Management Group

BMP Description :

Solicit input on the SWMP annual revisions from students, faculty, staff and the public

Is another government entity responsible for this BMP? No

Measurable Goals:

Start Date: 03/28/2017

Targeted End Date: 06/30/2020

Frequency: 1 Annually

Milestone Description:

Report the number of ASU departments contacted and the number of comments received from the Stormwater website. Post the SWMP and Annual Reports online at https://cfo.asu.edu/stormwaterprogram.

BMP Name: MCM 2 - Spill Reporting

Category: **Public Participation**

Personnel Position/Department: Environmental Health and Safety

BMP Description:

Spill reporting and response

Is another government entity responsible for this BMP? No

Measurable Goals:

Start Date: 03/28/2017

Targeted End Date: 06/30/2020

1 Annually Frequency:

Milestone Description:

Report the number and type of spills reported; report the percentage of reported spills mitigated within 15 days

Question: For Minimum Control Measure 3: Illicit Discharge Detection and Elimination Program, what are the Best Management Practices (BMPs)?

Answer:

BMP Name: MCM 3 - Dry Weather Screening

Dry Weather Screening Category:

Personnel Position/Department: Capital Programs Management Group

BMP Description :

Inspect outfalls and investigate dry weather flows within 15 days of discovery

Is another government entity responsible for this BMP? No

Measurable Goals:

Start Date: 03/28/2017

06/30/2020 Targeted End Date:

Frequency: 1 Annually

Milestone Description:

Report the number of dry weather flows found and the percentage mitigated within 15 days and report in the annual report

BMP Name: MCM 3 - Training

Category: Staff Training

Personnel Position/Department: Capital Programs Management Group

BMP Description :

Train personnel with IDDE responsibilities

Is another government entity responsible for this BMP? No

Measurable Goals:

Start Date: 03/28/2017

Targeted End Date: 06/30/2020

Frequency: 1 Annually

Milestone Description:

Report the number of ASU employees trained each year

BMP Name: MCM 3 - Wet Weather Monitoring

Wet Weather Monitoring Category:

Personnel Position/Department: Capital Programs Management Group

BMP Description :

Visually assess discharges from outfalls

Is another government entity responsible for this BMP? No Measurable Goals:

Start Date: 03/28/2017

Targeted End Date: 06/30/2020

Frequency: 1 Quarterly

Milestone Description:

Visually assess discharges from outfalls four times annually

BMP Name: MCM 3 - Written IDDE Procedures

Category: Written IDDE Procedures

Personnel Position/Department: Capital Programs Management Group

BMP Description :

Revise the IDDE plans as needed

Is another government entity responsible for this BMP?

Measurable Goals:

Start Date: 03/28/2017

Targeted End Date: 06/30/2020

Frequency: 1 Annually

Milestone Description:

Review and update (if needed) IDDE plan annually

BMP Name: Stormwater - Mapping

Category: Stormwater Sewer Mapping

Personnel Position/Department: Capital Programs Management Group

BMP Description :

Field verify existing storm water sewer maps and update an electronic mapping system for the Main, West and Polytechnic campuses

Is another government entity responsible for this BMP?

Measurable Goals:

Start Date: 03/28/2017

Targeted End Date: 06/30/2020

Frequency: 1 One time event

Milestone Description:

ASU field verification of existing storm water sewer maps and an update of the electronic mapping system is anticipated for completion by Summer 2022; Report new permanent BMPs in the annual report

BMP Name: MCM 3 - Enforcement

Category: Implement IDDE Program

Personnel Position/Department: ASU Police, Dean of Students, CPMG, and ASU Administration

BMP Description :

Enforce all relevant stormwater pollution prevention rules and policies

Is another government entity responsible for this BMP?

Measurable Goals:

Start Date: 03/28/2017

Targeted End Date: 06/30/2020

Frequency: 1 Annually

Milestone Description:

Report the number of enforcement actions taken annually

Question: For Minimum Control Measure 4: Construction Activity Stormwater Runoff Control, what are the Best Management Practices (BMPs)?

Answer:

BMP Name: MCM 4 - Construction Inspection and Enforcement

Category: Inspections

Personnel Position/Department: Capital Programs Management Group

BMP Description :

Conduct site inspections and provide escalating enforcement as needed

Is another government entity responsible for this BMP?

Measurable Goals:

Start Date: 03/28/2017

Targeted End Date: 06/30/2020

Frequency: 1 Annually

Milestone Description:

Track and report annually the number of inspections conducted; Track and annually report violations discovered and enforcement actions taken.

BMP Name: MCM 4 - Construction Contractor SWMP Education

Category: Construction Operator Training

Personnel Position/Department: Capital Programs Management Group

BMP Description:

ASU maintains and makes available updated information on stormwater pollution prevention requirements for construction contractors.

Is another government entity responsible for this BMP? No

Measurable Goals:

Start Date: 03/28/2017

06/30/2020 Targeted End Date:

Frequency: 1 Annually

Milestone Description:

Report significant updates to information provided to contractors in annual report and/or as needed

BMP Name: MCM 4 - New Construction LEED Certification Standards

Category: **Control Wastes**

Personnel Position/Department: Capital Programs Management Group

BMP Description :

Based on the state mandate for minimum LEED Silver certification for new construction, ASU maintains a landfill diversion policy. In addition to diverting construction waste from landfills, ASU works with construction operators to control wastes on construction sites. Construction operators are required to implement waste control measures at construction sites including, but not limited to, the following: (1) wash-out facilities for concrete, paint, drywall and stucco; (2) proper storage of fuels, oils, chemicals, etc. in a material storage yard with secondary containment or covers, as appropriate; (3) trash containment in dumpsters; and (4) appropriate location, staking and anchoring of Port-a-Johns.

Is another government entity responsible for this BMP? No

Measurable Goals:

Start Date: 03/28/2017 Targeted End Date: 06/30/2020

Frequency: 1 Annually

Milestone Description:

Report the number of LEED Silver certifications of new buildings

Report the number of compliance inspections on construction sites as part of the Annual Report

BMP Name: MCM 4 - Erosion/Sediment Control Policy

Category: **Erosion/ Sediment Control**

Personnel Position/Department: Capital Programs Management Group

BMP Description :

Revise and update all construction contractor guidance documents, including the Erosion, Sediment Control and Grading Policy, as needed

Is another government entity responsible for this BMP?

Measurable Goals:

Start Date: 03/28/2017

Targeted End Date: 06/30/2019

Frequency: 1 Annually

Milestone Description:

Annually report revisions and updates to construction contractor guidance documents, including the Erosion, Sediment Control and Grading Policy found online at https://cfo/asu.edu/construction-sites

BMP Name: MCM 4 - Site Plan Review

Category: Site Plan Review

Personnel Position/Department: Capital Programs Management Group

BMP Description :

Review construction plans and building permit applications for adherence to ASU construction policies

Is another government entity responsible for this BMP?

Measurable Goals:

Start Date: 03/28/2017

Targeted End Date: 06/30/2020

Frequency: 1 Annually

Milestone Description:

Report the number of plans reviewed each year

Question: For Minimum Control Measure 5: Post-Construction Stormwater Management in New Development and Redevelopment, what are the Best Management Practices (BMPs)?

Answer:

BMP Name: MCM 5 - O&M Stormwater Infrastructure

Category: O&M Procedures

Personnel Position/Department: Capital Programs Management Group

BMP Description :

ASU operates and maintains post-construction stormwater infrastructure including, but not limited to, retention basins and drywells on a regular basis to ensure their proper function and performance.

Is another government entity responsible for this BMP?

Measurable Goals:

Main Office

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Start Date: 03/28/2017

Targeted End Date: 06/30/2020

Frequency: 1 Annually

Milestone Description:

Report annually on the number of drywells inspected and maintenance actions performed.

BMP Name: MCM 5 - Site Plan Reviews

Category: Site Plan Reviews

Personnel Position/Department: Capital Programs Management Group

BMP Description:

ASU performs site plan reviews for all construction on its campuses. Post-construction stormwater facilities, such as retention basins, swales, drywells, and underground retention chambers are evaluated for efficacy and long-term viability in the project design phase. Construction documents are subsequently reviewed for stormwater compliance during site plan review and inspection.

Is another government entity responsible for this BMP?

Measurable Goals:

Start Date: 03/28/2017

Targeted End Date: 06/30/2020

Frequency: 1 Annually

Milestone Description:

Annually report the number of site plan reviews completed for new post-construction stormwater infrastructure.

BMP Name: MCM 5 - Regulatory Mechanism for Post-Construction Controls

Category: Structural/Non-Structural BMP

Personnel Position/Department: Capital Programs Management Group

BMP Description:

Design guidelines for post-construction controls must meet surrounding MS4 drainage criteria

Is another government entity responsible for this BMP?

Measurable Goals:

Start Date: 03/28/2017

Targeted End Date: 06/30/2020

Frequency: 1 Annually

Milestone Description:

Update design guidelines for post-construction controls and report in the annual report, as needed

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BMP Name: MCM 5 - Inventory

Category: Inventory

Personnel Position/Department: Capital Programs Management Group

BMP Description :

Update drainage control infrastructure inventory as field verification and e-mapping progresses

Is another government entity responsible for this BMP?

Measurable Goals:

Start Date: 03/28/2017

Targeted End Date: 06/30/2020

Frequency: 1 Annually

Milestone Description:

Continue field verification and protocols to capture new permanent post-construction stormwater infrastructure from new construction

Question: What are the municipal facilities that are part of MCM 6: Pollution Prevention and Good Housekeeping?

Answer:

Facility Name: Parking Lots

Type of Facility: Parking Lots

Priority: High

Pollution Prevention Yes

Plan:

Inspection Schedule: Monthly

Training Schedule: Annual

Question: For Minimum Control Measure 6: Pollution Prevention and Good Housekeeping, what are the Best Management Practices (BMPs)?

Answer:

BMP Name: MCM 6 - O&M Employee Training

Category: Training

Facility Information:

Parking Lots

Personnel Position/Department: Capital Programs Management Group

BMP Description :

Conduct O&M Employee Training

Main Office

Is another government entity responsible for this BMP? No

Measurable Goals:

Start Date: 03/28/2017

Targeted End Date: 06/30/2020

Frequency: 1 Annually

Milestone Description:

Document training events and the number of staff trained annually

BMP Name: MCM 6 - MS4 Maintenance (Street Sweeping)

Maintenance Activities Category:

Facility Information:

Parking Lots

Personnel Position/Department: Capital Programs Management Group and Facilities Maintenance

BMP Description :

Maintain/repair MS4 and post-construction controls based on inspection results/CPMG; Clean parking lots/Parking & Transit

Is another government entity responsible for this BMP? No

Measurable Goals:

Start Date: 03/28/2017

Targeted End Date: 06/30/2020

Frequency: 1 Monthly

Milestone Description:

Track the number of repair and maintenance needs identified during inspection that were reflected to third-party contractor for repair; Report dates of parking lot cleaning in the annual report.

BMP Name: MCM 6 - Maintenance Schedule

Category: Maintenance Schedule

Facility Information:

Parking Lots

Personnel Position/Department: Parking & Transit Services

BMP Description:

Sweeping

Is another government entity responsible for this BMP? No

Measurable Goals:

Start Date: 03/28/2019

Targeted End Date: 06/30/2020

Frequency: 1 Monthly

Milestone Description:

Report dates of parking lot cleaning in the annual report

BMP Name: MCM 6 - University-Owned Facility Inspections

Category: Inspections

Facility Information:

Parking Lots

Personnel Position/Department: Facilities Maintenance and Parking & Transit Services

BMP Description :

Monitor the number of post-construction control devices recommended for special maintenance

Is another government entity responsible for this BMP? No

Measurable Goals:

Start Date: 03/28/2017

06/30/2020 Targeted End Date:

1 Annually Frequency:

Milestone Description:

Report the number of post-construction controls devices recommended for special maintenance. Track the number of illicit discharges or dumping reported to Environmental Health & Safety.

BMP Name: MCM 6 - O&M Procedures

O&M Procedures Category:

Facility Information:

Parking Lots

Personnel Position/Department: Parking & Transit Services

BMP Description :

ASU contracts with a third-party to sweep streets and parking lots, collect and dispose of debris

Is another government entity responsible for this BMP? No

Measurable Goals:

Start Date: 03/28/2017

06/30/2020 Targeted End Date:

Frequency: 1 Monthly

Milestone Description:

Report annually on the amount of trash collected and disposed of off premises

BMP Name: MCM 6 - Inventory of University Facilities

Category: Inventory

Facility Information:

Parking Lots

Personnel Position/Department: Capital Programs Management Group

BMP Description :

Inventory university facilities with the potential to discharge to stormwater infrastructure

Is another government entity responsible for this BMP? No

Measurable Goals:

Start Date: 03/28/2017

Targeted End Date: 06/30/2020

Frequency: 1 Annually

Milestone Description:

Inventory university facilities with the potential to discharge to stormwater and report annually

Question: Does the MS4 have outfalls that discharge to any of the following: waters listed in Arizona Administrative Code (R18-11 Article 1 - Appendix B); impaired/not-attaining waters; or **Outstanding Arizona Waters?**

Answer:

No

Question: Has a dry-weather visual outfall monitoring program been implemented?

Answer: Yes

Implementation Date: 03/28/2017

Question: How many outfalls will be included in the dry-weather outfall monitoring program?

Answer:

Estimated number of municipal stormwater outfalls: 5

Percentage of municipal stormwater outfalls that will be monitored each year 100

under the dry-weather monitoring program:

Question: Will visual wet-weather monitoring be conducted?

Answer: Yes

Question: Where will visual wet-weather monitoring be conducted?

Answer:

Sr.No.	Outfall or Field Screening Point	Outfall Name/Number	Latitude	Longitude
1	Field Screening Point	West-1	33.603888	-112.167222
2	Field Screening Point	West-2	33.603611	-112.155
3	Field Screening Point	Poly-1	33.306111	-111.686388
4	Field Screening Point	Poly-2	33.299166	-111.686388
5	Field Screening Point	Poly-3	33.2925	-111.67

Question: For each outfall or field screening point for visual wet-weather monitoring, what is the receiving water?

Answer:

Sr.No.	Outfall Name/Number	Outfall or Field Screening Point	Receiving Water	Receiving Water Type
1	West-1	Field Screening	Arizona Canal-	
		Point	Cholla WTP - HUC boundary 15070102	
2	West-2	Field Screening	Arizona Canal-	
		Point	Cholla WTP - HUC boundary 15070102	
3	Poly-1	Field Screening Point	East Maricopa Floodway-Reach not found	
4	Poly-2	Field Screening Point	East Maricopa Floodway-Reach not found	
5	Poly-3	Field Screening Point	East Maricopa Floodway-Reach not found	

Question: Where will analytical discharge monitoring be conducted?

Answer: No