



NOTICE OF INTENT (NOI)

for Arizona Pollutant Discharge Elimination System (AZPDES) Small Municipal Separate Storm Sewer System (MS4) General Permit (AZG2016-002)

Regulated small Municipal Separate Storm Sewer Systems (MS4s) must submit a Notice of Intent (NOI) to the Arizona Department of Environmental Quality (ADEQ) to obtain MS4 general permit coverage. Permittees must complete a NOI form and submit the original, ink-signed document to the address below:

Arizona Department of Environmental Quality
 Surface Water Section/ Stormwater & General Permits Unit (5415A-1)
 1110 West Washington Street
 Phoenix, AZ 85007

A. SMALL MS4 INFORMATION

Legal Name of Municipality or Organization:
 Lake Havasu City

Choose one: Existing Permittee New Permittee

Operator Type:
 City

Mailing Address:
 2330 McCulloch Blvd N

County:
 Mohave

City: Lake Havasu
 State: Arizona

Zip Code:
 86403

Latitude/ Longitude at approximate geographic center of MS4 (D/M/S):
 34 degrees 30' 00" N 114 degrees 19' 00" W

B. PRIMARY MS4 PROGRAM MANAGER CONTACT PERSON

Name: Jeremy Abbott, P.E. Title: Assistant City Engineer

Department:
 Community Investment

Mailing Address:
 2330 McCulloch Blvd N

City: Lake Havasu
 State: Arizona

Zip Code:
 86403

Phone Number: 928-680-5460
 Fax Number: 928-453-8502

Email Address:
 abbotjt@lhcaz.gov

Has another governmental entity agreed to satisfy any of your permit obligations? Yes No

If "yes" to the above question, name the other governmental entity and describe the agreement(s) between entities:
 Click here to enter text.

STORMWATER

APR 12 2017

RECEIVED

C. BILLING INFORMATION			
Same as Primary MS4 Program Manager Contact Person Information? If "yes," proceed to Section D.		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Name: Click here to enter text.	Title: Click here to enter text.		
Department: Click here to enter text.			
Mailing Address: Click here to enter text.			
City: Click here to enter text.	State: Click here to enter text.	Zip Code: Click here to enter text.	
Phone Number: Click here to enter text.	Fax Number: Click here to enter text.	Email Address: Click here to enter text.	
D. ENFORCEMENT AUTHORITY OR OTHER MECHANISM			
Illicit Discharge Detection and Elimination (IDDE) Enforcement Authority or other mechanism established?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<p>Describe IDDE Enforcement Authority or other mechanism:</p> <p>Lake Havasu City's Enforcement Response Plan (ERP) is defined within the Illicit Discharge Detection Elimination (IDDE) program which has been adopted into City Code Chapter 8.28 Stormwater. Standard Operating Procedures (SOPs) for IDDE, Dry Weather Outfall Inspection, and a unified fine structure ordinance # 16-155 provide Enforcement Authority Policies and Procedures for IDDE enforcement.</p> <p>On July 12, 2016, Lake Havasu's Code Chapter 8.28 Stormwater was amended to name Lake Havasu City's Engineering Division with responsibility for Administration and Enforcement of Havasu's SWMP, and Ordinance 16-155 was revised for enforcement options. This created a unified fine structure that can be utilized by Engineering Division Stormwater personnel and other departments as needed.</p> <p>Lake Havasu City's SWMP clearly states that all illicit discharges to the Municipal Separate Stormwater Sewer System (MS4) are prohibited.</p> <p>Lake Havasu City created an Engineering Division Stormwater Specialist position to enforce Havasu's SWMP, ERP/IDDE Program, Sediment and Erosion Control Enforcement, and Construction and Post Construction Compliance and/or issues. This position has been staffed within the Engineering Division since August 2015.</p>			
Name of Enforcement Authority or other mechanism: Lake Havasu City Engineering Division.		Effective Date or Estimated Date of Adoption: 1/14/2014	
Construction Site Stormwater Runoff Enforcement Authority or other mechanism established?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

Describe Construction Site Stormwater Enforcement Authority or other mechanism: Lake Havasu City Code Chapter 8.28 Stormwater includes adoption of the Mohave County Drainage Design Manual (MCDDM). All permitted development and re-development within the MS4 is required to be in compliance with this chapter of the City Code. Development and Permitting Policies and Procedures document provides SOPs and direction for the development community, architects, engineers, contractors and City staff to assure proper BMP's for a sediment and erosion control plan are utilized and enforcement inspections are performed. Lake Havasu City Code 8.28 Stormwater lists trash and debris as a nuisance to the MS4 and references the International Building and Plumbing Codes which mandates the use of maintained sanitary facilities at job sites.		
Name of Enforcement Authority or other mechanism: Lake Havasu City Engineering and Building Division personnel are responsible for Construction Site Stormwater Runoff Enforcement.	Effective Date or Estimated Date of Adoption: 1/14/2014	
Post-Construction Stormwater Management Enforcement Authority or other mechanism established?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Describe Post-Construction Enforcement Authority or other mechanism: Lake Havasu City Code Chapter 8.28 Stormwater includes provisions for Post Construction Stormwater Management and BMP Maintenance Enforcement throughout the life span of a property. A Stormwater Management BMP Facilities Maintenance Agreement document requires each landowner, it's successors and assigns to sign an agreement to maintain all permanent Stormwater BMPs. Properties with permanent BMPs are inventoried by address with a yearly inspection by Stormwater personnel to verify functionality, maintenance and compliance.		
Name of Enforcement Authority or other mechanism: Lake Havasu City Engineering Division.	Effective Date or Estimated Date of Adoption: 1/14/2014	

E. MAPPING COMPONENTS				
1. Stormwater Sewer Mapping (including roads with drainage system, municipal streets, catch basins, curbs, gutter, ditches, man-made channels, or storm drains that are owned or operated by the permittee and convey stormwater to Waters of the US)		Percent Complete at time of NOI submission 90%		
If 100% of requirements are NOT met for an existing permittee and for all new permittees, include a timeline, measurable goals, and estimated date of completion (MM/YY) for Stormwater Sewer Mapping: Lake Havasu City is currently inventorying and mapping it's Stormwater Sewer System. Estimated completion of current system mapping is June 2017. Updates required to allow for system modifications and new development will be conducted annually.				
2. Outfall Mapping		Percent Complete at time of NOI submission 100%		
If 100% of requirements are NOT met for an existing permittee and for all new permittees, include a timeline, measurable goals, and estimated date of completion (MM/YY) for Outfall Mapping: N/A				
3. Identification of Receiving Waters (names and locations of all the Waters of the US that receive discharge from those outfalls)		Percent Complete at time of NOI submission 100%		
If 100% of requirements are NOT met for an existing permittee and for all new permittees, include a timeline, measurable goals, and estimated date of completion (MM/YY) for Receiving Water Identification: N/A				
F. SUMMARY OF RECEIVING WATERS				
Does the MS4 have outfalls that discharge to Waters listed in A.A.C. R18-11 Article 1, Appendix B?		<input checked="" type="checkbox"/> Yes		<input type="checkbox"/> No
If "yes" the MS4 discharges to receiving water(s) listed in A.A.C. R18-11 Article 1, Appendix B, then the following section must be completed. If "no" discharges occur to receiving water(s) listed in A.A.C. R18-11 Article 1, Appendix B, then the following section does <u>not</u> need to be filled out, proceed to Section G. If you answer "yes," the receiving water segment is Impaired, Not-Attaining or an Outstanding Arizona Water (OAW), you must also complete Part H.3- Impaired, Not-Attaining and OAWs and BMPs.				
Identify Appendix B surface water(s) that receives discharge(s) from the MS4	Number of outfalls discharging to receiving water?	Is the receiving water listed as an Impaired, Not-Attaining or OAW (choose one)?	List Pollutant(s) causing the Impairment(s):	Does the receiving water have a TMDL?
Lake Havasu	>10	No	N/A	No
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G. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY

G-1. MCM 1: Public Education and Outreach

For MCM 1- Public Education and Outreach, use the pull down menu to indicate the BMP Category (column 1). You may override the selection and type in your own BMP. Include a brief description of the BMP (column 2) including the personnel position or department(s) responsible. Describe the Measureable Goals (column 3) for each BMP, including the targeted audience such as commercial, construction, industrial or residential for MCM 1. Column 3 should include milestones, timeframes and frequencies. Insert the month and year (MM/YY) in the Start Date (column 4) to indicate the date the BMP was initiated or enter your own text to override the selection.

BMP Category (enter your own text to override the drop down menu)	BMP Description (include personnel position or department responsible)	Measurable Goals (include milestones, timeframes and frequencies) and include the Targeted Audience	Start Date (MM/YY) (enter your own text to override the drop down menu)
Brochures	Engineering Division will provide guidance materials with stormwater, IDDE, good housekeeping, and construction BMP educational content to the general public.	Significant percentages of the public (residential, commercial and visitors) will be exposed to stormwater education materials. Brochures will be published on the city's website and placed at a minimum of 3 locations throughout the city with public access.	06/07
Display/ Posters	Engineering Division will provide displays with Stormwater educational content at locations with public access.	To bring awareness of stormwater quality issues unique to our local environment, informational displays will be constructed during the first year of the permit term to be used during special events, school presentations, and placed at 2 municipal locations with public access.	01/17
School Event	Engineering Division will conduct Stormwater Educational Presentations at school events.	To bring awareness to younger generations how stormwater quality can effect our local environment, educational discussions will be conducted at a minimum of 1 school event annually during the permit term.	12/16

<p>Special Event</p>	<p>Engineering Division personnel will man an educational booth at public events and/or perform as guest speaker at specific organizational meetings.</p>	<p>To educate the public in the prevention or reduction of polluted stormwater runoff, target audiences in construction, tourism, boating, fishing, and local population will gain exposure to stormwater educational content. Stormwater personnel will attend a minimum of 2 local events annually.</p>	<p>01/17</p>
<p>Article</p>	<p>Engineering Division will place a Stormwater, National Pollution Discharge Elimination System (NPDES), IDDE, or Sediment and Erosion Control related article in a local publication.</p>	<p>To educate the public through increased awareness of stormwater quality issues unique to our local environment, an educational article conveying the importance of stormwater quality and the impact polluted runoff can have on our local environment will be placed in a minimum of 1 local publication annually.</p>	<p>12/16</p>
<p>Meeting</p>	<p>Engineering Division will host ADEQ Work Shops.</p>	<p>To educate the public and provide EPA sector specific/ Multi Sector General Permit (MSGP) and Construction General Permit (CGP) information on how construction and/or commercial activities can impact stormwater quality, city personnel will work with ADEQ to coordinate public educational forums that will be held locally during the first year of the permit term.</p>	<p>03/17</p>
<p>Meeting</p>	<p>Engineering Division will conduct public outreach presentations at local businesses.</p>	<p>To educate local businesses on how their activities can impact stormwater quality, educational talks will be conducted at a minimum of 2 local commercial/industrial businesses annually.</p>	<p>11/16</p>

<p>Webpage</p>	<p>Engineering Division will provide and maintain a Stormwater informational section on Lake Havasu City's Website.</p>	<p>As a public educational tool, free 24 hr access to information on Stormwater, NPDES, IDDE, Green Infrastructure, Construction Site BMPs, and how polluted runoff can effect our local environment will be provided on the city website.</p> <p>Veivs to the Stormwater Section will be totaled monthly, yearly figures will be included in the annual report to ADEQ, and content will be reviewed yearly.</p>	<p>06/07</p>
<p>Business Packets</p>	<p>Engineering Division will develop Stormwater Educational Brochures/ Packets which specificly pertain to Sector Specific Businesses.</p>	<p>To educate the public on stormwater quality issues caused by construction and commercial activities, educational information will be compiled into sector specific packets.</p> <p>Packets will be utilized during IDDE inspections and outreach presentations throught this permit term.</p>	<p>03/16</p>
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<p>Choose an item.</p>	<p>Click here to enter text.</p>	<p>Click here to enter text.</p>	<p>Choose an item.</p>

MCM 1: Public Education and Outreach

Use this space to add any additional information for MCM1:

Through our various Public Education and Outreach programs, Lake Havasu City is committed to keeping our MS4 and local water ways clean and pollution free to the Maximum Extent Practicable (MEP) while maintaining compliance with local, state, and federal laws so that residents and visitors can enjoy a healthy aquatic environment and ensure future health, safety, and general welfare within the City, as well as the protection of the environment.

G-2. MCM 2: Public Involvement and Participation

For MCM 2- Public Involvement and Participation, use the pull down menu to indicate the BMP Category (column 1). You may override the selection and type in your own BMP. Include a brief description of the BMP (column 2) including the personnel position or department(s) responsible. Describe the Measureable Goals (column 3) for each BMP. Column 3 should include milestones, timeframes and frequencies. Insert the month and year (MM/YY) in the Start Date (column 4) to indicate the date the BMP was initiated or enter your own text to override the selection.

BMP Category (enter your own text to override the drop down menu)	BMP Description (include personnel position or department responsible)	Measurable Goals (include milestones, timeframes and frequencies)	Start Date (MM/YY) (enter your own text to override the drop down menu)
Public Involvement	Engineering Division will maintain compliance with State, Federal and local public notice requirements.	To provide and engage the public with opportunities to understand and participate in the stormwater management program, notices of public meetings and comment periods for local input will be provided and documented through this permit term.	06/07
Public Participation	Maintenance Services Division will manage an Adopt a Street/Wash Program	This program is made available annually and publicized on the city website to increase public awareness and gain the help of volunteers in keeping our streets and washes clear of trash and debris that could negatively impact Stormwater quality.	12/07
Public Participation	Maintenance Services Division will provide and maintain trash receptacles throughout the city.	Year round LHC provides dumpsters and trash cans at public locations throughout the city to maintain a proactive highly visible anti - liter campaign at water front locations and public parks which reduces the possibility of floatables, trash, liter and debris from entering the MS4.	12/07

<p>Public Involvement</p>	<p>Engineering Division will assist the public in organizing local cleanups within the MS4.</p>	<p>Stormwater personnel will work with local groups, organizations, and State Land Trust officials throughout this permit term to create more opportunities for localized cleanups which raises the awareness of the importance of Stormwater quality while reducing trash, floatables, and debris that end up in washes, beaches, camp grounds, and state lands in and around the MS4.</p>	<p>10/16</p>
<p>Public Participation</p>	<p>The Lake Havasu Marine association and the Republic Trash Services offer free trash bags and disposal at multiple sites along the lake front and boat launch ramps</p>	<p>This program helps to utilize and assist the general public and tourist population in reducing the amount of trash and debris that could otherwise end up polluting our lake during activities that take place year round in our lake front community.</p> <p>Marine Assosiation Volunteers perform weekly restock and pick up of filled trash bags at 45 designated beach, campground, and boat launch locations in our area.</p> <p>The Republic Trash Services hauls filled dumpsters to the local landfill.</p>	<p>12/07</p>
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MCM 2: Public Involvement and Participation

Use this space to add any additional information about MCM2:

Lake Havasu City's Municiple Separate Storm Sewer System (MS4) and surrounding areas present many unique challenges for Stormwater Management and the City encourages and invites public involvement and participation to help keep our lake front community and surrounding waters clean and pollution free for all to enjoy.

Lake Havasu hosts a plethora of seasonal and monthly events which can increase the City's population by tens of thousands during many of these events. City employees, local organizations, groups, and civic minded residents make a significant difference in environmental impacts that could otherwise place our water front community in jeopardy. Stormwater quality and the protection of the Waters of the US is everyones responsibility.

Engineering Division Stormwater personnel is making contact with all city departments, state officials, local groups, organizations, and local trash company to help educate the public, increase the awareness of Stormwater quality issues that are unique to our community, and invite public involvement in Stormwater Management.

G-3. MCM 3: Illicit Discharge Detection and Elimination (IDDE) Program

For MCM 3- Illicit Discharge Detection and Elimination (IDDE) Program, use the pull down menu to indicate the BMP Category (column 1). You may override the selection and type in your own BMP. Include a brief description of the BMP (column 2) including the personnel position or department(s) responsible. Describe the Measureable Goals (column 3) for each BMP. Column 3 should include milestones, timeframes and frequencies. Insert the month and year (MM/YY) in the Start Date (column 4) to indicate the date the BMP was initiated or enter your own text to override the selection.

BMP Category (enter your own text to override the drop down menu)	BMP Description (include personnel position or department responsible)	Measurable Goals (include milestones, timeframes and frequencies)	Start Date (MM/YY) (enter your own text to override the drop down menu)
Written IDDE Procedures	Engineering Division will implement and utilize Standard Operating Procedures (SOPs) for the IDDE/ERP program.	To facilitate an effective IDDE program, SOPs for IDDE and the Dry Weather Field Screening of Outfalls documents follow AZPDES guidelines and are adopted in LHC Code Chapter 8.28 Stormwater.	01/14
Implement IDDE Program	Lake Havasu City's IDDE program is managed by the Engineering Division.	Identify and eliminate illicit discharges from the MS4 and identify facilities or activities within the MS4 that discharge without AZPDES/NPDES permit coverage. LHC's IDDE/ERP program and corresponding documents will be reviewed and updated yearly to monitor the effectiveness of the program.	03/14
Training	Engineering Division will conduct municipal employee Stormwater/IDDE training.	To utilize municipal employees in the identification of illicit discharges to the MS4, 100% of LHC's full time Operations, Police and Fire Department personnel will receive Stormwater/IDDE educational training. After receiving initial training employees will receive annual refresher training on IDDE and good housekeeping.	07/16

<p>Dry Weather Screening</p>	<p>Engineering Division and designated Maintenance Services Division personnel will perform dry weather field Screening of outfalls.</p>	<p>Dry weather screening of outfalls will be performed in accordance with the SOPs identified in the SWMP.</p> <p>20% off all outfalls will be screened annually.</p>	<p>05/13</p>
<p>Wet Weather Monitoring</p>	<p>Engineering Division will develop and implement a Visual Stormwater Discharge Monitoring Program.</p>	<p>To assess the IDDE Program's effectiveness, a Wet Weather Monitoring Program will be developed following AZG2016-002 permit regulations by September 30th 2017.</p> <p>5 representative outfalls will be identified for visual assessments of first flush twice a year during the 2 wet seasons.</p> <p>Findings will be included in the annual report.</p>	<p>09/16</p>
<p>Stormwater Sewer Mapping</p>	<p>Engineering Division will update and complete a Stormwater Sewer System Inventory and Mapping System.</p>	<p>To facilitate investigating and identifying sources of illicit discharges, an up to date Stormwater Sewer System Map will be completed by June 2017.</p>	<p>05/13</p>
<p>Outfall Inventory</p>	<p>Engineering Division will update and complete an Outfall Inventory and Mapping System</p>	<p>To facilitate records and reporting for the IDDE program, outfalls within the MS4 will be cataloged in a data base by assignment number, size, type, material, and condition.</p> <p>Locations will be shown on the Stormwater Sewer System Map.</p> <p>Outfall inventory and sewer mapping will be updated by June 2017, and annually thereafter to represent additions, annexations, and changes noted from inspections/monitoring.</p>	<p>05/13</p>

<p>IDDE Reporting Program for Unpermitted Industrial and construction activities.</p>	<p>A program to actively identify and report IDDE discharges to the MS4 from industrial and/or construction activities without AZPDES/NPDES permits will be enforced by Lake Havasu City Engineering Division.</p>	<p>To eliminate illicit discharges and achieve compliance from facilities/activities that discharge to the MS4 without appropriate Clean Water Act permit coverage, a list of non-permitted facilities within the MS4 with discharges will be sent to ADEQ with the yearly report.</p>	<p>06/16</p>
<p>Choose an item.</p>	<p>Click here to enter text.</p>	<p>Click here to enter text.</p>	<p>Choose an item.</p>
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MCM 3: Illicit Discharge Detection and Elimination (IDDE) Program

Use this space to add any additional information about MCM3:

Lake Havasu City's IDDE program which is geared to the unique environment of our lake front community is expanding and taking shape.

A greater citizen awareness of the impact that polluted stormwater could have to our community and environment is now becoming evident.

Public and municipal employee reports of IDDE discharges to the MS4 have increased, which shows that Lake Havasu City's IDDE Program is making a positive influence on the public awareness of stormwater quality issues.

G-4. MCM 4: Construction Activity Stormwater Runoff Control

For MCM 4- Construction Activity Stormwater Runoff Control, use the pull down menu to indicate the BMP Category (column 1). You may override the selection and type in your own BMP. Include a brief description of the BMP (column 2) including the personnel position or department(s) responsible. Describe the Measurable Goals (column 3) for each BMP. Column 3 should include milestones, timeframes and frequencies. Insert the month and year (MM/YY) in the Start Date (column 4) to indicate the date the BMP was initiated or enter your own text to override the selection.

BMP Category (enter your own text to override the drop down menu)	BMP Description (include personnel position or department responsible)	Measurable Goals (include milestones, timeframes and frequencies)	Start Date (MM/YY) (enter your own text to override the drop down menu)
Written Procedures	Engineering and Building Division personnel will create forms and utilize SOPs to enforce a Construction Activity Stormwater Runoff Control Program.	SOPs for construction site activity compliance monitoring are designed to control waste, sediment/erosion, and discharges from construction sites. Existing SOPs and Inspection forms will be reviewed and updated yearly to facilitate the needs of the program.	06/13
Education/ Public Involvement	Engineering Division will provide educational reference materials.	To help educate contractors, construction site operators and the general public, educational reference materials with sediment, erosion control, construction site BMPs, and solid waste compliance content will be available on Lake Havasu City's website. Construction site educational content will be evaluated and updated yearly.	06/07
Enforcement	Engineering Division will oversee compliance and/or enforcement for all construction activities within the MS4.	To achieve compliance from construction site activity within the MS4, personnel trained in NPDES/CGP rules and regulations will utilize federal and state laws, city code, ordinances, and SOPs.	06/13
Training	Engineering Division inspectors will be certified or qualified.	Personnel tasked with Construction Site Stormwater Runoff Control enforcement will receive initial training in MS4 stormwater and construction site compliance and attend workshops and/or webinars yearly to keep abreast with new laws, rules and regulations.	06/13

Site Plan Review	Pre-Development Meeting attendance and Site Plan Reviews will be conducted by Engineering Division personnel.	To ensure plan reviews include considerations of stormwater quality impacts, qualified personnel will attend pre-development meetings and review all permitted construction site plans for compliance and BMP functionality before the start of grading and construction activities.	06/13
Inventory	Engineering Division personnel will utilize a permitting process to track construction activities.	To facilitate inspections of construction sites, permitted building and grading activities within the MS4 will be inventoried and tracked by address, permit numbers, and inspection dates. Total number of SWPPPs and NOIs will be included in the yearly report.	06/13
Inspections	Engineering Division personnel will conduct construction site inspections.	Qualified inspectors will perform and track inspections during each phase of permitted building and grading activity to ensure compliance from all permitted sites that discharge to the MS4.	06/13
Control Wastes	Engineering Division will enforce construction site stormwater runoff controls.	To minimize the discharge or the potential to discharge pollutants from construction activities, city code and ordinances have provisions to control waste at construction sites.	06/13
BMPs Erosion/ Sediment Control	Engineering Division personnel will enforce an Erosion and Sedimentation Control Plan at all permitted construction sites.	To minimize erosion and contain sediment on construction sites, an Erosion and Sedimentation Control Plan will be reviewed and enforced for each permitted site.	06/13
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MCM 4: Construction Activity Stormwater Runoff Control

Use this space to add any additional information about MCM4:

Lake Havasu City will continue to review and re-evaluate its Construction Activity Stormwater Runoff Control Program throughout each permit year as new issues and/or challenges arise.

Local Developers/Contractors are getting more adept at satisfying compliance ordinances, rules and regulations.

Future workshops will be a great program tool to help educate the public and tradesmen on the impacts that stormwater can have on our community and how they can meet the requirements of the laws and ordinances that are in place to protect our local environment and Waters of the US.

G-5. MCM 5: Post-Construction Stormwater Management in New Development and Redevelopment

For MCM 5- Post-Construction Stormwater Management in New Development and Redevelopment, use the pull down menu to indicate the BMP Category (column 1). You may override the selection and type in your own BMP. Include a brief description of the BMP (column 2) including the personnel position or department(s) responsible. Describe the Measureable Goals (column 3) for each BMP. Column 3 should include milestones, timeframes and frequencies. Insert the month and year (MM/YY) in the Start Date (column 4) to indicate the date the BMP was initiated or enter your own text to override the selection.

BMP Category (enter your own text to override the drop down menu)	BMP Description (include personnel position or department responsible)	Measurable Goals (include milestones, timeframes and frequencies)	Start Date (MM/YY) (enter your own text to override the drop down menu)
Enforcement	Engineering Division personnel will oversee and enforce a Post-Construction Stormwater Management Program.	Qualified inspectors will utilize City codes and ordinances to enforce maintenance of inventoried Post Construction BMPs.	06/13
Green Infrastructure	Engineering Division will publish documents, links and publications for Green Infrastructure/Low Impact Development (LID) guidance on the City Website.	To help educate the public on pre and post hydrology associated with new and re- development within the MS4, guidance materials are available in the Stormwater Section of the LHC Website. Content will be reviewed annually to stay current with new laws, regulations and technology.	06/13
Inspections and Assessment	Engineering Division personnel will conduct final construction and yearly inspections of post construction BMPs.	To ensure permanent BMPs are maintained and functional, SOPs will be utilized to conduct facility inspections of Post-Construction Permanent Stormwater BMPs at final and yearly inspections. Pictures and reports of BMPs will be taken during all final and follow-up inspections for comparison.	05/16

Inventory	Engineering Division will utilize a Development Permitting System to track and control all Post-Construction Stormwater BMP Inventory.	To effectively track and conduct inspections of post-construction sites with permanent BMPs, permitted sites are inventoried and cataloged by address and permit numbers, within a database. Each site folder includes all inspection records, enforcement actions, a copy of a signed Maintenance Agreement, and site pictures.	06/13
Site Plan Reviews	Engineering Division personnel will attend Pre-Development Meetings and conduct Site Plan Reviews.	To prevent or minimize impacts to water quality from stormwater runoff all new development/redevelopment plans will be reviewed by qualified personnel.	06/13
Training	Engineering and Building Division personnel will receive stormwater educational training.	To ensure personnel tasked with enforcement of LHC's Construction/Post – Construction Stormwater Management Program are qualified, city inspectors will receive initial and yearly refresher training in CGP and Small MS4 Stormwater Permit Compliance.	06/13
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MCM 5: Post-Construction Stormwater Management in New Development and Redevelopment

Use this space to add any additional information about MCM5:

Engineering Division Stormwater personnel will continue to review and re-evaluate Lake Havasu City's Post-Construction program throughout each year as new issues and/or challenges arise. Developers and contractors are getting more adept at satisfying compliance ordinances, rules and regulations.

G-6. MCM 6: Pollution Prevention and Good Housekeeping			
For MCM 6- Pollution Prevention and Good Housekeeping, Insert the Facility Name applicable to the MS4. Use the pull down menu to indicate the BMP Category (column 1). You may override the selection and type in your own BMP. Include a brief description of the BMP (column 2) including the personnel position or department(s) responsible. Describe the Measureable Goals (column 3) for each BMP. Column 3 should include milestones, timeframes and frequencies. Insert the month and year (MM/YY) in the Start Date (column 4) to indicate the date the BMP was initiated or enter your own text to override the selection. For those BMPs that are not Facility specific, use the rows after the Facility Name inserts.			
BMP Category (enter your own text to override the drop down menu)	BMP Description (include personnel position or department responsible)	Measurable Goals (include milestones, timeframes and frequencies)	Start Date (MM/YY) (enter your own text to override the drop down menu)
Insert Facility Name: Community Parks			
O&M Procedures	Engineering and Maintenance Services Division (MSD) personnel will establish O&M procedures for community parks.	To prevent or reduce pollutant runoff from operations/activities at each municipal park location, O&Ms will be designed and implemented by September 29, 2017.	03/17
Insert Facility Name: Police and Fire Stations			
Training	Engineering Division will conduct employee Stormwater/NPEDES training.	To prevent and reduce stormwater pollution from outdoor municipal activities, Police and Fire Department personnel will receive Stormwater/NPDES educational training with emphasis on IDDE and SOPs for outside washing and storing of equipment at their facilities by December 31, 2017.	03/17
Insert Facility Name: Operations Facility			
Cleaning Basins	Engineering Division and Maintenance Services personnel will develop and implement Inspection, maintenance, and activity schedules for structural and non-structural stormwater controls at municipal sites.	To reduce or prevent pollutant runoff from municipal sites, O&Ms and SOPs will be developed and implemented for municipal facilities that have permanent BMPs by September 29, 2017. This municipal facility has multiple parking lots with drain inlets and a retention basin, which will require yearly maintenance.	03/17

Insert Facility Name: SARA Park Trailhead			
Reduce Trash/ Floatables	Engineering Division will design and budget for restrooms at this facility.	Public restrooms are currently budgeted to be installed in 2017 at this public hiking area in an effort to reduce waste, trash, and floatables.	07/15
Insert Facility Name: Site Six			
Provide and maintain amenities at a public water front aquatic facility.	Maintenance Services Division and Wastewater staff maintain a public boat launch/fishing facility.	To reduce waste, trash, and floatables at this city owned free public boat launch, Lake Havasu City provides and maintains restrooms, fishing docks, a fish cleaning station, trash cans and dumpsters.	1978
Insert Facility Name: Walnut Maintenance Yard			
Facility Prioritization	Engineering Division will review and prioritize a Municipal Facilities List.	To prevent or reduce pollutant runoff from outdoor municipal activities, this site was reviewed for compliance and prioritization status on the inventory list.	06/15
Insert Pollution Prevention and Good Housekeeping BMPs that are not facility specific below			
Inventory	Engineering Division will develop and maintain a list of MSGP and Non-MSGP Municipal Facilities.	To facilitate inspections and the prevention or reduction of pollutant runoff from municipal sites a Municipal Facilities Inventory List will be utilized and updated yearly.	06/15
Facility Prioritization	Engineering Division will evaluate and prioritize each site on the Municipal Facilities Inventory List.	Prioritization of municipal facilities will be conducted yearly to reflect additions, inspection findings, and proximity to Waters of the US.	06/15

<p>Inspections</p>	<p>Engineering and Maintenance Services Divisions will develop and implement a Municipal Facilities Inspection Schedule Program for municipal facilities/operations.</p>	<p>To prevent or reduce pollutant runoff and maintain compliance at municipal facilities, a program will be designed and implemented to facilitate scheduled stormwater inspections of 100% of active municipal sites.</p> <p>Finalized Inspection schedules will reflect facility priority status, first year inspection findings, and BMP recommendations.</p>	<p>11/16</p>
<p>O&M Procedures</p>	<p>Engineering and Maintenance Services Divisions will develop and implement Operations and Maintenance Procedures, and for Municipal facilities.</p>	<p>To facilitate Good Housekeeping Practices, site specific O&Ms for active municipal sites will be designed and implemented by September 29, 2017.</p>	<p>11/16</p>
<p>Training</p>	<p>Engineering Division will train city employees on NPDES/Stormwater, IDDE, Good Housekeeping, and Sediment/Erosion Control.</p>	<p>To educate city employees and utilize the work force in the prevention or reduction of polluted runoff to and from the MS4, 100% of fulltime maintenance and safety personnel will receive stormwater/IDDE training by December 31, 2017.</p> <p>Training materials will be updated annually with informational content that pertains to department specific housekeeping and IDDE.</p> <p>Attendance figures will be tracked and included in the yearly report.</p>	<p>09/16</p>

<p>Written Procedures</p>	<p>Maintenance Services Division personnel will design and implement written SOPs for outdoor activities and maintenance operations for each Municipal Facility.</p>	<p>To facilitate employee training and good housekeeping practices, written SOPs for each outdoor activity conducted at an active municipal facility will be designed and implemented by September 29, 2017.</p>	<p>11/16</p>
<p>Street Sweeping</p>	<p>Maintenance Services Division will manage a city wide Street Sweeping Program.</p>	<p>To prevent or reduce polluted runoff from city streets and municipal parking lots, 100% of maintained streets within the MS4 are contracted to be swept in April and November each year.</p> <p>Each municipal facility has a sweeping schedule for parking lots.</p> <p>Lake Havasu City's street sweeping program will be reviewed and updated by September 29, 2017.</p>	<p>12/07</p>

MCM 6 Pollution Prevention and Good Housekeeping

Use this space to add any additional information about MCM6:

Municipal activities and good housekeeping within our MS4 comes at a very labor intensive and expensive price. Lake Havasu City is taking a hard look at Municipal activities, O&Ms, and SOPs for each city owned facility along with employee education and training. Lake Havasu City plans on leading the public by example.

Lake Havasu City employees take pride in their work and the community that we live in. Lake Havasu is a very unique area with hundreds of year round activities and tourism that can have a major impact on our local environment.

Lake Havasu City is making efforts to create more green infrastructure and keep our city and surrounding waters clean while promoting growth.

H. MONITORING

1. DRY WEATHER VISUAL OUTFALL MONITORING

Has a dry weather visual discharge monitoring program been developed?

Yes

No

If the above answer is "yes," provide the actual date of implementation:
If the above answer is "no," provide estimated date of completion:

Click here to enter a date.
5/1/2013

Estimated total number of municipal stormwater outfalls

1030

Percent of total number of municipal stormwater outfalls to be monitored each year

20%

2.A VISUAL STORMWATER DISCHARGE MONITORING

Below identify a minimum of five outfalls or field screening points for the visual stormwater discharge monitoring program

Outfall or field screening point identification number	Name of receiving water	Is the receiving water listed as an Impaired, Not-Attaining or OAW (choose one)?
34 Degrees 30'39.06" N by 114 Degrees 21'35.16"W	Lake Havasu	No
34 Degrees 29'39.77" N by 114 Degrees 21'15.53"W	Lake Havasu	No
34 Degrees 28'19.57" N by 114 Degrees 20'39.32"W	Lake Havasu	No
34 Degrees 27'11.30" N by 114 Degrees 18'27.35"W	Lake Havasu	No
34 Degrees 27' 15.68" N by 114 Degrees 16'54.59"W	Lake Havasu	No

2.B VISUAL STORMWATER DISCHARGE MONITORING ALTERNATIVE

Are you proposing a visual stormwater discharge monitoring alternative?

Yes

No

If "yes" a visual stormwater discharge monitoring alternative is being proposed, provide a description of the proposed alternative and how the proposed alternative is as effective as, or is more effective than, visual stormwater discharge monitoring in the space below.

Click here to enter text.

3. IMPAIRED, NOT-ATTAINING AND OAW MONITORING AND BMPS

Part H.3 is to be completed only if the MS4 has outfalls that discharge to an Impaired, Not-Attaining or Outstanding Arizona Water (OAW), or a combination there of.

Has a Sampling and Analysis Plan (SAP) been developed in accordance with permit Part 5.1.g? Yes No

If the above answer is "no," provide an estimated date of completion for the SAP: [Click here to enter a date.](#)

List each individual receiving water that is Impaired, Not-Attaining or an OAW that the MS4 discharges to	How many outfalls will be sampled?	List outfall ID or unique identification	List parameter(s) to be analyzed	Provide a description of how the selected BMPs will specifically address the pollutant(s) causing the impairments or how the BMPS will be protective of the OAW
Click here to enter text.		Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.		Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.		Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.		Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.		Click here to enter text.	Click here to enter text.	Click here to enter text.

I. NOTES AND ADDITIONAL INFORMATION

Use the space below to provide any additional information about the MS4 program.

[Click here to enter text.](#)

J. FEES

Fill out either Part A for a New Permittee or Part B for an Existing Permittee. If a New Permittee, choose one check box below to indicate the MS4s population and applicable initial permit fee. Insert the total payment included with the NOI in the text box. If an Existing Permittee, choose one check box below to indicate the MS4s population. Note: The estimated MS4 population should be based on latest Decennial Census by the Bureau of Census.

<p>Part A</p> <p><input type="checkbox"/> New Permittee. I confirm the correct fee payment is included with the NOI.</p> <p><input type="checkbox"/> <or = to 10,000: \$2,500 <input type="checkbox"/> >10,000 but ≤ 100,000: \$5,000 <input type="checkbox"/> > 100,000: \$7,500 <input type="checkbox"/> Non-traditional MS4 such as hospital, college or military: \$5,000</p> <p>Total fee payment included: Click here to enter text.</p>	<p>Part B</p> <p><input checked="" type="checkbox"/> Existing Permittee. No fee is required for NOI submission. You will continue to be invoiced on your current annual fee billing cycle.</p> <p><input type="checkbox"/> <or = to 10,000 <input checked="" type="checkbox"/> >10,000 but ≤ 100,000 <input type="checkbox"/> > 100,000 <input type="checkbox"/> Non-traditional MS4 such as hospital, college or military</p>
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K. CERTIFICATION

Pursuant to A.R.S. § 41-1030:

- (1) ADEQ shall not base a licensing decision, in whole or in part, on a requirement or condition not specifically authorized by statute or rule. General authority in a statute does not authorize a requirement or condition unless a rule is made pursuant to it that specifically authorizes the requirement or condition.
- (2) Prohibited licensing decisions may be challenged in a private civil action. Relief may be awarded to the prevailing party against ADEQ, including reasonable attorney fees, damages, and all fees associated with the license application.
- (3) ADEQ employees may not intentionally or knowingly violate the requirement for specific licensing authority. Violation is cause for disciplinary action or dismissal, pursuant to ADEQ's adopted personnel policy. ADEQ employees are still afforded the immunity in A.R.S. §§ 12-821.01 and 12-820.02.

I certify under penalty of law that I have met the eligibility conditions of this permit and that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Printed Name:

Jeremy Abbott, P.E.

Title:

Assistant City Engineer

Ink Signature



Date:

4/3/17

