



Douglas A. Ducey
Governor

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY



Misael Cabrera
Director

Via Electronic Mail

January 24, 2019

SWP19-0044

City of Sedona
J. Andy Dickey
102 Roadrunner Drive
Sedona, AZ 86336

Re: Review of the City of Sedona's Small MS4 Program

Dear Mr. Dickey:

The Arizona Department of Environmental Quality (ADEQ) received the City of Sedona's Small Municipal Separate Storm Sewer System (MS4), 2017/2018 Annual Report on October 2, 2018. ADEQ has completed its review and determined that your MS4 program is in substantial compliance with the permit.

Required Information

- No additional information is required at this time.

How to Submit

Please submit any additional documents sent in response to this letter using one of the following methods:

- Hard copy to ADEQ, Attention: Rosi Sherrill, Stormwater and General Permits Unit, 1110 W. Washington Street, Phoenix, AZ 85007
- E-mail to: sherrill.laurie@azdeq.gov

Thank you for your efforts to comply with Arizona's environmental requirements. Should you have any comments or questions regarding this matter, please do not hesitate to contact me at (602) 771- 4409.

Sincerely,

Laurie (Rosi) Sherrill
Surface Water Permits

RECEIVED
JAN 31 2019

CITY OF SEDONA
PUBLIC WORKS



Public Works Department

102 Roadrunner Drive Sedona, AZ 86336
(928) 204-7111 • Fax: (928) 282-5348

September 26, 2018

CERTIFIED MAIL

Arizona Department of Environmental Quality
Stormwater and General Permits Unit
1110 West Washington Street
Phoenix, Arizona 85007

Attention: Laurie "Rosi" Sherrill, Stormwater and General Permits Unit
SUBJECT: CITY OF SEDONA - 2018 ANNUAL SMALL MS4 REPORT AZPDES
PERMIT NO. AZG2016 002 LTF #65719

I am submitting, with this letter, a copy of the City of Sedona's 2017/2018 Annual Small MS4 Report. The \$5,000.00 check for the AZPDES Fee was sent separately.

"I, J. Andy Dickey, certify under penalty of law 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 gathered and evaluated 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, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Sincerely,

A handwritten signature in blue ink, appearing to read "J. Andy Dickey".

J. Andy Dickey, PE
Director of Public Works/City Engineer
City of Sedona

Enclosures: City of Sedona 2017/2018 Annual Report & DMR

DWP/clp

cc: Justin Clifton, City Manager (e-copy)
Robert Pickels, City Attorney (e-copy)
File: ADEQ MS4 Annual Report



ANNUAL REPORT

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 an Annual Report (AR) to the Arizona Department of Environmental Quality (ADEQ) before September 30 each year. Permittees must complete an Annual Report and submit the original, signed document to:

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

A. REGULATED SMALL MS4 INFORMATION

Annual Report for Reporting Year: 2017 - 2018

LTF Number:	65719	Name of MS4:	City of Sedona		
Primary Contact:	J. Andy Dickey, P.E.		Title:	Director of Public Works/City Engineer	
Mailing Address:	102 Roadrunner Drive				
City:	Sedona	Zip Code:	86336	County:	Yavapai and Coconino Counties
Telephone Number:	(928) 203-5039	Email Address:	adickey@sedonaaz.gov		

Non-Traditional MS4 City/County Estimated Population: 12,000

Is another entity responsible for any satisfying any permit requirements (6.4b):

Yes No.

If yes, complete the following questions; if no, continue to Section B.

Identify Partnered Entity:

Oak Creek Watershed Council (OCWC)

Provide a description of permit requirements being implemented by another entity:

Public Education and Outreach & Public Involvement and Participation: Four public outreach events, presentation to one organization on the city's behalf, two trash pick-up events within the city boundaries, and 100 homes and 10 businesses contacted regarding responsibilities living along Oak Creek, and assistance with installation of curb-markers (\$10,000.00). A two-person team Ambassador Program was also partially funded. The ambassadors worked recreation sites talking to visitors, picking up trash, human and pet waste, and making presentations to campground and day use visitors (\$5,000.00).

Type of Legally-binding Agreement:

Agreement for Contracted Services



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B. MAPPING (4.0 and 8.4(b))	
<p>1. Provide a narrative description of the permittee's mapping progress:</p> <p>The city utilized sections to create manageable areas for the purpose of inspecting, documenting, and mapping outfalls. There are 21 sections in the city with outfalls and 286 documented outfalls. These outfalls have been entered in the city GIS database (as their own specific layer) and have attributes associated specific to the outfall. In addition, there is a photograph and GIS coordinates for each outfall.</p>	
<p>2. Number of outfalls currently mapped: 286</p>	<p>3. Outfall mapping –Percent Complete: 100%</p>
<p>4. Storm Sewer System Mapping Percentage Complete: 100%</p>	<p>5. Identification of Waters of the U.S. that receive discharges from the outfalls Percentage Complete: 100%</p>
<p>6. Has land been annexed into the MS4 since the previous reporting year: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (4.2).</p> <p>If yes, complete the following:</p> <p>a) Total area annexed since last annual report: _____ acres</p> <p>b) Mapping of new area – Percent complete: _____</p> <p>c) Are BMPs fully implemented in annexed area: <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>d) Provide a description of BMP implementation for areas annexed into the regulated MS4 since the last reporting period: _____</p>	

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C. PROGRAM EVALUATION (8.1.1 and 8.4d)

Provide a written assessment of the appropriateness of identified best management practices and progress toward achieving identified measurable goals for each minimum control measure.

MCM 1 – Public Education and Outreach: The identified best management practices are designed to provide residents, visitors, and local businesses, including construction and contractor businesses an understanding of the program and alert them to impact they can make (positive or negative). The following BMPs are used to reach this goal:

- Research – Provides the city a chance to obtain the latest news, information, and trends regarding stormwater pollution prevention, BMPs, links to perform their own research, and make informed decisions.
- Webpage – Provides target audience with a functional website providing them with current knowledge, BMPs, links to perform additional research, and contact information with the city.
- Article – Provides target audience with a chance to participate in an event to prevent stormwater pollution or provides news and current status of stormwater pollution prevention programs or events upcoming.
- Special Event – Provides Public Works Department (City Engineer) an opportunity to present to other departments a status of the city stormwater pollution program and a time to get questions answered. This helps make a more rounded leader of other departments.
- Display/Posters – Tributary signage is designed to promote awareness of drainages that drain to Oak Creek, helping minimize illegal dumping/illicit discharges.
- Speakers Bureau – The city provides citizen groups a chance to request a session with the city to answer questions or gain information about stormwater pollution prevention methods or other topics.

These items, together, help the city meet the goals of 'Public Education and Outreach'.

MCM 2 – Public Involvement and Participation: These identified best management practices are designed to engage the residents, visitors, and local businesses, including construction and contractor businesses and get them involved in supporting the stormwater program. The following BMPs are used to reach this goal:

- Public Involvement – Develop and present stormwater pollution prevention information on televisions/monitors within city buildings; this provides information to a captive audience, including anyone doing business within the City of Sedona and presents information for participation, such as clean up events (for stormwater – pre-monsoon), e-waste collection, public trail cleanup events, and other notable information.
- Public Involvement - Look for City outreach and educational opportunities for the public and contractors, including public comment and reporting opportunities. The city actively solicits engagement in order to make it's website more engaging with the general public. Comments are taken year round (via an active link for comments). In addition, other opportunities include the Report It! System, where citizens can report stormwater issues. This

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system is available for use on android and iPhone devices (as an app). Finally, the current AZPDES NOI and three most recent approved ADEQ Annual reports are available for review at all times.

- Public Involvement – Develop an inlet curb marker program. This provided direct involvement with anyone (resident, visitor, and any local business) that sees the sign direct knowledge as they see a marker indicating that this stormwater curb inlet drains to Oak Creek. This helps identify the reason for minimizing littering or dumping.
- Public Participation – Develop a trash/recycling program. The city addresses this BMP through two methods:
 - = Developing a program to encourage those dropping off recyclables to Sedona Recycles to help assist with cleanliness by picking up some loose trash (minimizing it from reaching the nearby arroyo and ultimately Oak Creek).
 - = City participation in two trash pick-up events: The city will participate in two trash pick-up events (event may or may not be sponsored by the city). This helps the city provide additional help during clean up events, but also demonstrates to people that the city is involved in helping keep the arroyos and drainages clear of trash and debris.
- Public Participation – Maintain the pet waste collection program. The city provides thirteen collection points that provides bags and receptacles to dispose of waste. This program is highly successful and needs public participation to achieve meaningful results.
- Public Participation – Develop program to collect, maintain, and process public comments on the city’s stormwater program. This program permits direct citizen input regarding stormwater program. Annually, the city provides a press release requesting input regarding the Stormwater Management Program. Comments and input received are reviewed, and responded to within 30 days, and kept on file for 2 years.

All of these items together, public participation and involvement, help the city meet it’s goals for ‘Public Involvement and Participation’.

MCM 3 – Illicit Discharge Detection and Elimination Program (IDDE): The city provides the following best management practices in order to identify and detect illicit discharges, stop and prevent future occurrences, and provide lawful response for perpetrators and parties responsible.

- Stormwater Sewer Mapping – This is complete; however, any new construction or devices will be added as they are completed. This provides a method to research point source for illicit discharges should one be found.
- Training – The city provides training for personnel involved in IDDE prevention, including dry weather screening (at outfalls), wet weather monitoring and analytical monitoring of five selected (representative) outfalls.
- Written IDDE Procedures – The city provides procedures so that if an illicit discharge is found, the process will provide lawful responses for determining responsibility, documenting responses, and bringing those responsible to justice for their misdoings.
- Dry Weather Screening – This provides a method to investigate outfalls (in dry weather) to determine if any illicit discharges are/have occurred. The city will screen a minimum of 20% of the outfalls mapped each year.
- Wet Weather Monitoring – The City of Sedona will collect samples of water within the storm sewer system to determine if there have been any illicit discharges (such as floatables/trash or oil sheen). This helps determine if illicit discharges are occurring upstream of the test point.

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- Analytical Monitoring – This system is used to provide sampling of five selected (representative) outfalls from the city during wet weather to determine if any TMDLs are violated. Oak Creek is an impaired stream (E. coli). This will help determine the city's contribution to the TMDL and whether any issues are contributing to the problem (i.e. high E. coli analysis and discovery of a sewer leak/septic leak).
- Outfall inventory – The city maintains a list of all (100%) outfalls leaving the MS4. As new structures are added, the list will be updated.

These items together help the city determine if any illicit discharges are occurring. These discharges can be determined by dry weather screening, wet weather monitoring and analytical sampling. These best management practices help the city achieve its goal to eliminate illicit discharges.

MCM 4 - Construction Activity Stormwater Runoff Control: The BMPs listed below help the city meet stormwater cleanliness through inspecting active construction sites.

- Training – Provide construction site stormwater training to city staff. This BMP provides knowledge for employees, while executing their duties, a knowledge of unpermitted discharges and failed best management practices. This helps increase the number of eyes and ears throughout the city and provides enhanced illicit discharge and stormwater best management practices detection and determination, as employees are directed to stop the spill (if possible) and contact the stormwater management team directly to initiate an investigation.
- Education/Public Involvement – Construction BMP brochure distribution. Annually, the city sends informative brochures to construction and trades contractors to explain the program and what they can do to help.
- Enforcement – The city continues to enforce construction site policies and procedures to minimize stormwater pollution. Enforcement includes informing offending parties of the violation(s) and allowing an opportunity to respond and correct the issue. Escalation of enforcement will occur as necessary. Enforcement policies/procedures will be reviewed annually.
- BMP Erosion and Sediment Control – The city will continue to maintain a list of preferred construction site BMPs. These will be available on the city website and will be reviewed annually for effectiveness.
- Inspections – The city will continue implementation and review of the construction site inspection program. The city shall inspect Capital Improvement Projects every other week, commercial sites monthly, and residential sites intermittently. These inspections help the city keep stormwater pollution minimized by keeping construction sites in approved conditions.
- Inventory – Develop a construction and post-construction permit tracking sheet: This helps the city keep tabs on active and post-construction projects in order to inspect and minimize stormwater pollution through effective implementation of active construction site BMPs and post-construction BMPs.
- Site Plan Review – The city will continue to utilize standard procedures for site plan review to assure all projects are reviewed for stormwater pollution prevention, through site plans, site use, and planned stormwater control measures.

The above BMPs, when used together, help the city prevent stormwater pollution from active construction sites and help the city achieve this goal.

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MCM 5 – Post-Construction Activity Stormwater Management in New and Redevelopment: These BMPs are to make sure that applicable post-construction BMP requirements are met, and that the enforcement mechanism(s) can be used.

- Enforcement – Maintain the post-construction enforcement policies and procedures. These procedures must comply with City of Sedona Land Development Code Section 8 and City Code Title 13. These policies and procedures are to be reviewed annually.
- Training - Develop and provide training for construction and post-construction stormwater pollution prevention. This training is specifically for the inspectors that inspect for stormwater. Training to be held for new employees tasked with this responsibility or existing employees brought into this role.
- Inspections – Post-construction site inspections: The city shall inspect all post-construction Capital Improvement Projects, twenty percent (20%) of commercial projects with post-construction BMPs or stormwater devices annually. Residential projects are inspected until they become stable and a Certificate of Occupancy is issued.
- Inventory – The city will maintain an inventory of active an post-construction sites. These sites include the following:
 - = all active and post-construction CIPs
 - = all active and post-construction (with stormwater BMPs/devices) commercial
 - = all residential that is not stable or not had Certificate of Occupancy issued.

The city shall continue to require activities that disturb or will disturb one (1) or more acres within the permitted area; including those that are less than one (1) acre but are part of a larger common plan of development or sale if the larger common plan will ultimately disturb greater than one (1) acre.
- Runoff Control Assessment – The city will continue to maintain the program for preventing runoff from active and post-construction sites. All Capital Improvement Projects shall be inspected annually. Twenty (20) percent of commercial properties with documented post-construction BMPs will be inspected annually. Discrepancies found are required to be brought up to date in accordance with submitted plan/BMPs.
- Site Plan Reviews – The city will continue to implement site plan reviews to determine the controls necessary for both active and post-construction BMPs. This includes a review by city staff of the site design; the planned operations at the location of the construction activity; planned stormwater controls to be used to manage runoff created after development.

The above BMPs together work to make a robust post-construction inspection program.

MCM 6 – Pollution Prevention and Good Housekeeping: These BMPs are designed to help the city maintain infrastructure providing stormwater cleanliness and controls.

- Cleaning Inlets/Basins – The city maintains a list of basins and inlets to keep clean in order to minimize stormwater pollution via city owned/operated stormwater basins and inlets. These activities typically coincide with Arizona’s biannual rain seasons (winter and summer).
- Facility Prioritization – The city has prioritized it’s facilities in order to implement and maintain pollution prevention and good housekeeping measures. This best management practice is complete; however, the city reviews this annually to verify if any change in priority is necessary.
- Implement Controls – The city has implemented controls by performing inspections (every other month) of city owned and operated facilities. These facilities are inspected for stormwater pollution prevention via means of good housekeeping and corrective items performed (if necessary); results are recorded in maintenance inspection and workbook (date of inspection, comments, or other issues/corrective actions).

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- Inspections – inspection protocols for Capital Improvement Projects (CIPs). Capital Improvement Projects are inspected every other week (bi-monthly) for adherence and implementation of Stormwater Pollution Prevention Plan, which is required for every CIP. These results are documented, and deficiencies are corrected.
- Inventory – City has created an inventory of city facilities/properties to track inspections and implement pollution prevention and good housekeeping measures. This is in conjunction with 'Implement Controls' above. The inventory is reviewed annually; however, if new facilities are added/deleted to/from the city, the list of inspections will increase/decrease effective the date city takes/releases possession of the facility in question.
- Operations and Maintenance Procedures – The city developed and maintains procedures for the inspection of and maintenance of city owned oil-water separators and catch basins. The procedures cover inspection/frequency of inspection, and corrective actions, including maintenance and removal of debris.
- Reduce Trash/Floatables – This best management practice requires the city to inspect and maintain (clean out) catch basin grates which may become clogged with debris. These inspections and cleanings coincide with the wet seasons (i.e. winter and summer rain seasons).
- Street Sweeping – The city maintains the monthly sweeping of city parking lots. The oil/water separators at city parking lots and maintenance yards will be maintained annually. City streets, including State Routes 89A and 179, including bike lanes, will continue to be swept monthly. The goal each month is 20 lane miles. This best management practice helps the city prevent stormwater pollution from its facilities as well as the city rights-of-way (ROW) and state (ADOT) rights-of-way.
- SWPPP – A SWPPP is developed and required for each Capital Improvement Project. Inspections (during the active phase of the project) are completed in 'Inspections' above. Post-construction SWPPP inspections are required and covered in MCM 5 (above).
- Training – The city provides annual training for city employees, inspectors, and contractors. The training provides the stormwater program with additional eyes and ears in the normal course of city duties for employees. Employees are taught what illicit discharges are and what to do should any be discovered.
- Written Procedures – The city has developed written procedures outlining the best management practices for good housekeeping and pollution prevention at city facilities. This is in conjunction with the required inspections every other month.

The above best management procedures help the city inspect, maintain, and operate facilities within the city and minimize pollution to the city MS4.

The above best management practices outlined in minimum control measures (one through six) work together to help the city minimize, to the maximum extent practical (per AZPDES AZG2016-002).

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D. MCM-1: PUBLIC EDUCATION AND OUTREACH (6.4.1 and 8.1.2)					
D-1 Provide a Summary of Public Education and Outreach BMPs in the Following Table					
Best Management Practice	Measurable Goal (how is progress being measured)	Theme or Message	Target Audience	Final Measure of Assessment (5.1.e.3)	Summary of Results and Effectiveness (8.1.2)
<p>Research</p> <p>Conduct research to update the City of Sedona ‘Storms and Stormwater’ webpage.</p>	<p>City staff performed research to provide the most up to date stormwater BMPs, industry trends, and other new stormwater pollution prevention activities. The city webpage is then updated to include information found and links or other means for the public to learn of this information.</p>	<p>Pollution Prevention</p> <p>Provide the latest information regarding stormwater BMPs and other helpful information to assist residents and local construction and contractor businesses contribute to stormwater pollution prevention through knowledge of BMPs and other pollution prevention practices.</p>	<p>Sedona residents, visitors, and local construction and contractor businesses.</p>	<p>The City of Sedona ‘Storms and Stormwater’ webpage was updated with corrected weblinks for external sites, as weblinks become broken due to the linked site updating; all weblinks verified operable. The new City of Sedona Notice of Intent was provided on the webpage (coinciding with the issue of the new AZPDES General Permit for Small MS4s (AZG2016-002)).</p>	<p>The city ‘Storms and Stormwater’ webpage was updated with information from the latest AZPDES General Permit for Small MS4s (AZG2016-002). In addition, the research provides the customer (webpage visitor) with the latest information regarding stormwater best management practices.</p>

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<p>Webpage</p> <p>Maintain and update the City of Sedona Public Works Department 'Storms and Stormwater' webpage.</p>	<p>The city will update its stormwater webpage semi-annually to provide information to the public and local construction and contractor businesses. Updating includes verification/updating of weblinks, city personnel contact information, and city stormwater documentation, including the Stormwater Management Program, the City of Sedona Notice of Intent, and the three most recent ADEQ MS4 Annual Reports.</p>	<p>Pollution Prevention</p> <p>Provide the latest information regarding stormwater BMPs and other helpful information to assist residents and local construction and contractor businesses contribute to stormwater pollution prevention through knowledge of BMPs and other pollution prevention practices.</p>	<p>Sedona residents, visitors, and local construction and contractor businesses.</p>	<p>The City of Sedona 'Storms and Stormwater' webpage was maintained and updated, and all weblinks were verified operable, city stormwater documentation, including the Stormwater Management Program, the City of Sedona Notice of Intent, and the three most recent ADEQ MS4 Annual Reports, were available, other supporting documentation, such as stormwater brochures, were available at the provided links. Finally, all links for contacting city personnel were verified accurate and operable.</p>	<p>The City of Sedona 'Storms and Stormwater' webpage had 429 webpage views during the reporting period. The updated webpage provided these customers (web page viewers) with the latest information regarding the permit the city operates under (AZPDES General Permit for Small MS4s (AZG2016-002)), the city's Notice of Intent, the last three approved annual reports, and links to additional information regarding stormwater pollution prevention and best management practices.</p>
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<p>Article The city will make press releases to disseminate public information regarding stormwater and stormwater related news and events.</p>	<p>Notifications related to stormwater and other related events will be made to the public (i.e. Christmas tree recycling, pre-monsoon inspection notification, public commenting periods for Stormwater Management Program, yard waste and debris collection events, and other public notices).</p>	<p>Pollution Prevention This provides stormwater and related news and event notification to the public.</p>	<p>General public, including Sedona residents, visitors, and local construction and contractor businesses</p>	<p>The city is to publish three articles per year. The city published seven (7) articles during this reporting period. These were as follows:</p> <p>12/27/17 - 'Free Christmas tree recycling'</p> <p>03/07/18 - 'Free electronics recycling drop-off day'</p> <p>04/02/18 - 'Two yard waste collection events May 18-26'</p> <p>05/08/18 - 'City kicks off pre-monsoon program'</p> <p>05/17/18 - 'Debris collection May 22-26'</p> <p>05/30/18 - 'City of Sedona Requests Public Comment on Stormwater Quality Management'</p> <p>05/31/18 - 'Oak Creek E. coli impairment and impact reduction measures'</p>	<p>The outreach via press releases, appears to have been successful, as the outreach provided notification of events where residents could take part in preventing stormwater pollution. The following observations regarding success were noted:</p> <p>285 Christmas trees were collected during the Christmas tree collection event. These trees were mulched for reuse.</p> <p>25,431 pounds of e-waste was collected during the one-day Electronics Recycling Event.</p> <p>Yard debris collection event (specifically the roll-off dumpster provided at Sedona Public Works Contractors Road Maintenance Yard (held May 21 - May 26) the 30-yard roll-off dumpster had to be removed and replaced daily due to the volume of debris received.</p>
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<p>Special Event</p> <p>Present stormwater information and/or updates to city leadership staff and/or public.</p>	<p>Update the city's department heads annually regarding the city stormwater program and/or present a stormwater update to the public at a city council meeting.</p>	<p>Pollution Prevention</p> <p>Provide stormwater information through outreach with other city departments and staff and/or the general public attending a city council meeting.</p>	<p>City of Sedona department heads, city manager, city staff and employees, city council, and the general public attending the council meeting.</p>	<p>The City Engineer, during the June Leadership Team Meeting, presented the Sedona Stormwater Management Program update, which covered the requirements the city has met for the new AZPDES General Permit for Small MS4s (AZG2016-002).</p>	<p>This information, provided to department heads/city leaders, provides an opportunity for information regarding the city's program to meet the requirements of the AZPDES General Permit for Small MS4s (AZG2016-002).</p> <p>This information may be useful to another department city employee that can add to the effectiveness of the program since they will better understand the program.</p>
<p>Display / Posters</p> <p>Drainage tributary signage to promote stormwater drainage awareness.</p>	<p>Maintain drainage tributary signs that state "Sedona's Stormwater Keep It Clean". Installed sign inventory and maintenance/replacement, if required.</p>	<p>Pollution Prevention</p> <p>Raise the local awareness of drainages and tributaries that flow to Oak Creek.</p>	<p>General public, including Sedona residents, visitors, and local construction and contractor businesses.</p>	<p>All installed signs (100%) were inspected with one deficiency (sign missing). This sign was replaced on 06/07/2018 by a City of Sedona Public Works employee. All other signs were noted to be in good condition with proper visibility. Sign locations are maintained on a city GIS layer.</p>	<p>These signs are placed at prominent drainages throughout the city. No illegal dumping or other illicit discharges have been observed in the immediate proximity of any sign during this reporting period (FY17-18).</p>

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<p>Speakers Bureau</p> <p>Promote awareness and provide stormwater knowledge to the community through activity groups, schools, and other community groups and businesses.</p>	<p>The city has provided a link specifically to request a speaker on the 'Storms and Stormwater' webpage. Additionally, the city has provided a list of possible topics.</p> <p>This will occur on an as requested basis.</p>	<p>Pollution Prevention</p> <p>Provide the public (such as local organizations and groups, businesses, resident groups (HOAs), etc.) an opportunity to engage the city and request an informational speaker to discuss stormwater issues requested.</p>	<p>General public, through community activity groups and schools.</p>	<p>There were no requests for a city speaker during this reporting period.</p> <p>Per contract agreement, the Oak Creek Watershed Council (OCWC) conducted one presentation to an organization on the city's behalf in FY17-18. This presentation was to Trout Unlimited/Northern AZ Flycasters on 03/07/18.</p> <p>Additionally, the OCWC provided four public outreach events during the reporting period. These events were as follows:</p> <p>Sedona Farmer's Market 07/14/17, 08/18/17, and 09/15/18</p> <p>Sedona Celebration of Spring 03/31/17</p> <p>OCWC, per contract, also canvassed homes located along Oak Creek. The canvassing was to talk to the residents, answer any questions, and provide additional information (brochures). Thirty-eight (38) residents were home, and many of those greeted were receptive to the discussion and took brochures. Residences where people were not home, brochures were left. The goal of this effort was to help raise awareness of those</p>	<p>There were no requests for a speaker during this reporting period (FY17-18).</p>
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				<p>homeowners that live right in the immediate vicinity of Oak Creek.</p> <p>OCWC also canvassed ten (10) businesses on behalf of the city. These businesses include the following:</p> <p>Talaquepaque, Poco Diablo Resort, L'Auberge, Best Western, Los Abridados, Orchards Inn, Pink Jeep, Oak Creek Inn, Tiffany Construction Co., and Shephard Wesnitzer, Inc.</p>	
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D-2. DESCRIPTION OF CHANGES IN IDENTIFIED BMPS OR MEASURABLE GOALS (8.1.3 and 8.4(I))			
<p>Have there been any modifications to BMPS during this reporting period: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No.</p> <p>If yes, provide a brief explanation of each modification below (Add Rows as Necessary).</p>			
ADEQ Directed (8.1.4)	BMP Modified	Analysis of Why BMP Was Ineffective or Infeasible	Analysis of Why BMP is Expected to Achieve Goals
<input type="checkbox"/> Yes			

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D-3. PUBLIC EDUCATION AND OUTREACH (6.4.1) Provide a summary of activities planned for the next reporting period in the following table			
Best Management Practice	Measurable Goal (steps to measure progress)	Summary of Planned Activities	Proposed Schedule
Research Conduct research to update the City of Sedona 'Storms and Stormwater' webpage	Perform research of new or updated stormwater best management practices, applicable laws or other news, and links providing information of BMPs which would be useful to webpage visitors; this research shall be performed semi-annually. The research shall be used to provide updates to the webpage, which includes useful links and information for Sedona residents, visitors, and local construction and contractor businesses.	Research to be performed semi-annually to provide up to date information for the City of Sedona website webpage 'Storms and Stormwater'. This research includes new BMPs for stormwater pollution prevention, new laws or requirements as provided by ADEQ and the US EPA, and verification of all existing weblinks.	This is to be performed twice per reporting period FY18/19 (minimum).
Webpage Maintain and update the City of Sedona Public Works Department 'Storms and Stormwater' webpage.	The City of Sedona website webpage 'Storms and Stormwater' shall be updated, at minimum, once per reporting period.	Update of the webpage includes providing research materials (documents, links, or other useful information found during the research phase), approved City of Sedona MS4 Annual Reports, verification of all existing weblinks and contact information, and another other news and information useful to the target audience.	This is performed at-least once per reporting period FY18/19; however, updating may be performed more if any broken links are discovered, or other issues deem updating must be performed.
Article The city will make press releases to disseminate public information regarding stormwater and	The city shall make press releases to provide information to the public regarding stormwater news and events. These include dates of cleanup events, public participation in commenting on the city Stormwater Management Plan, and other timely informative articles, such as picking up pet	The city is required to have three (3) press releases per reporting period, and plans to release the following notifications: <ul style="list-style-type: none"> • residential yard waste collection/ cleanup event(s) 	The schedule for these notifications are generally beginning in December (for Christmas tree collection event), to springtime (March and April for electronics recycling and pre-monsoon cleanup event, May and June for pre-monsoon scheduling notification and

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<p>stormwater related news and events.</p>	<p>waste, keeping trash and yard litter out of drainages, pre-monsoon notifications, and reminders deemed necessary due to trends seen (such as an increase in illicit discharges or other trending preventable incident(s)).</p>	<ul style="list-style-type: none"> • electronic recycling collection event • Christmas tree collection recycling event • pre-monsoon notification • notification regarding comment period for Stormwater Management Plan • other stormwater news and notifications • informative articles written to provide the public with information regarding stormwater pollution prevention, including topics such as picking up after your pet, septic system maintenance, illicit discharges around the home (i.e. spraying off driveway with water, etc.), and other informative topics relatable to the target audience. 	<p>request for comments on city Stormwater Management Plan. Other notifications or informative articles to be posted as they happen.</p>
<p>Special Event Present stormwater information and/or updates to city leadership staff and/or public.</p>	<p>The city shall present stormwater information and/or updates to city leadership staff and/or the public at a city council hearing. This is required to be performed once per reporting period.</p>	<p>The city plans to have the City Engineer discuss the city MS4 Stormwater Management Plan with other city leadership staff/department heads during a city leadership meeting.</p>	<p>This is required to be performed annually/once per reporting period (FY18/19). It is tentatively scheduled for a city leadership meeting in the spring of each year.</p>
<p>Display / Posters Drainage tributary signage to promote stormwater drainage awareness.</p>	<p>A complete inventory (100%) of all signs to be performed. This inventory includes verification sign is present, in good condition, and viewable (i.e. not blocked by vegetation). The signs will be replaced, if necessary, and any vegetation obstructing sign will be removed/cut back.</p>	<p>A complete (100%) inventory of all signs to be performed,</p>	<p>This inspection of 100% of the signs to be performed once per reporting period (FY18/19). It is tentatively scheduled for completion in February.</p>

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<p>Speakers Bureau</p> <p>Promote awareness and provide stormwater knowledge to the community through activity groups, schools, and other community groups and businesses.</p>	<p>The City provides a link on its stormwater webpage for local organizations/groups to request a speaker on a variety of topics to include stormwater. This “speaker’s bureau” will provide the public with a method to bring citizen, school, and other activity groups together with the city to provide information regarding stormwater. A list of possible topics is provided on the webpage as well.</p> <p>This will occur on an as requested basis.</p>	<p>This BMP is on a requested basis. If there is a request from a local group and/or organization, the city will provide a speaker to present stormwater pollution prevention and stormwater program information to the requestor and their group or organization.</p> <p>As part of the City’s Service Agreement with the OCWC, they will be selecting and presenting to two organizations on the City’s behalf. They will be holding four public outreach events, and they will be canvassing 100 residences handing out literature and talking with people about how they can reduce E. coli and protect stormwater quality.</p>	<p>The speaker’s bureau is fulfilled on a requested basis and will be provided as requested.</p> <p>As part of the City’s Service Agreement with the OCWC, they will be selecting and presenting to two organizations on the City’s behalf. They will be holding four public outreach events, and they will be canvassing 100 residences handing out literature and talking with people about how the can reduce E. coli and protect stormwater quality. They will be providing these services during the 2018-2019 reporting year.</p>
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E. MCM-2: PUBLIC INVOLVEMENT AND PARTICIPATION (6.4.2 and 8.1.2)

E-1. Provide a Summary of Public Involvement and Participation BMPs Implemented During the Reporting Period in the Following Table

Best Management Practice	Measurable Goal (steps to measure progress)	Theme or Message	Target Audience	Percent of Target Audience Reached	Summary of Results and Effectiveness (8.1.2)
<p>Public Involvement</p> <p>Develop and present stormwater pollution prevention information on televisions within city building(s).</p>	<p>Provide stormwater related information on televisions within reception areas of select city buildings. Information will focus on stormwater pollution prevention issues. This information</p>	<p>Pollution Prevention</p> <p>Stormwater pollution prevention messages presented to a captive audience.</p>	<p>General public, consisting of anyone doing business with the city, including residents, visitors, and construction</p>	<p>100% of general public viewing the closed-circuit monitors displaying the information posted.</p>	<p>Determination of success is not available at this time as this program is new; however, additional data points, as they become available, can be used to determine success of this program.</p>

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	<p>will loop periodically each month with other city information on television screens.</p>		<p>and contractor businesses.</p>		
<p>Public Involvement</p> <p>Look for city outreach and educational opportunities for the public and contractors, including public comment and reporting opportunities.</p>	<p>A. The city's stormwater webpage will target the public and contractors. The webpage will be updated semiannually and reviewed annually.</p> <p>B. The public may also submit stormwater related complaints through the city website. The city will investigate and respond accordingly to the status of the investigation within 30 days. Records of comments and responses will be retained for 2 years.</p> <p>C. The city will post the NOI and SWMP on its stormwater webpage and post the annual MS4 Report as they are submitted and approved by ADEQ.</p>	<p>Pollution Prevention</p> <p>A. The city maintains the stormwater webpage and provides relevant stormwater pollution prevention information, links, and provides a specific email link to provide feedback, comments, suggestions, or ideas for the city stormwater webpage.</p> <p>B. Provide public an opportunity to inform the city of stormwater pollution issues and threats through the 'REPORT IT!' link provided on the city website.</p>	<p>General public, including residents, visitors, and construction and contractor businesses.</p>	<p>A. The city stormwater webpage, 'Storms and Stormwater' had 429 hits this reporting period.</p> <p>B. The City of Sedona website provided system, REPORT IT!, had 188 reports posted by residents and businesses. Of these, three were specifically entered by the reporter as 'stormwater' and ten were entered as 'drainage'.</p> <p>C. The current Notice of Intent, Stormwater Management Plan, and the three most recent approved MS4 Annual Reports are posted for</p>	<p>A. The city webpage 'Storms and Stormwater' had 429 hits for the FY17-18 reporting period.</p> <p>B. The REPORT IT! system had 188 total reports for FY17-18. Of this, thirteen (13) total were stormwater/ drainage related.</p> <p>C. The current city Notice of Intent, Stormwater Management Plan, and three most recently approved ADEQ MS4 Annual Reports are maintained reviewable at all times for interested parties (viewing link provided on webpage).</p>

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		<p>C. Provide the public an opportunity to review the current Stormwater Management Plan and the three most recent AZPDES General Permit for Small MS4 annual reports submitted and approved by ADEQ.</p>		<p>public review on the city 'Storms and Stormwater' webpage. This continual provision of the stormwater program documents provides those seeking this information 100% access.</p>	
<p>Public Involvement Develop an inlet curb marker program.</p>	<p>Curb inlet markers will be inspected and maintained annually. New installation shall occur as public awareness needs raised for a certain area (trend in illicit discharge/ illegal dumping, or trash/litter in general) or other suitable high visibility areas are discovered.</p>	<p>Pollution Prevention Raise public awareness that storm sewer is not treated and drains to Oak Creek.</p>	<p>General public (residents, visitors, and construction and contractor businesses). These have been installed in high visibility areas in and around the Uptown area of Sedona.</p>	<p>100% of all general public that view the curb inlet marker.</p>	<p>This reporting period the city, with the assistance of the Oak Creek Watershed Council, installed 46 additional curb markers between the SR89A/SR179 intersection round-about and Canyon Drive (along SR179) and from the SR89A/SR179 intersection round-about roundabout along SR89A to Soldiers Wash crossing.</p> <p>These newly installed curb markers, in addition to the prior installed curb inlet markers (61) in uptown Sedona, are highly visible and in areas with high volumes of pedestrian traffic.</p>

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<p>Public Participation</p> <p>Develop a trash collection/recycling program.</p>	<p>Success of this initiative is the following:</p> <p>A. City participation in at least two (2) trash pick-up events with a goal of five (5) volunteers at each of those events. The city may or may not be the sponsor, but it will be a participant.</p> <p>B. The city will work with Sedona Recycles to promote increased cleanliness of the area in and around Sedona Recycles.</p>	<p>Pollution Prevention</p> <p>A. Trash and debris cleanup events.</p> <p>B. Pollution prevention and public participation by encouraging the picking up and assisting the maintaining of cleanliness in and around the Sedona Recycles area.</p>	<p>A. General public, including residents and local businesses that volunteer for the cleanup event.</p> <p>B. General public, including residents and businesses that are conducting business with Sedona Recycles.</p>	<p>A. Oak Creek Watershed Council coordinated two events. These events were attended by employees of the City of Sedona.</p> <p>B. The new signage installed on the building at Sedona Recycles is visible and reaches the target audience.</p>	<p>A. There were two cleanup events coordinated by OCWC with city employee participation:</p> <p style="padding-left: 20px;">11/05/2017 - Carroll Canyon cleanup event</p> <p style="padding-left: 20px;">03/28/2018 - Midgley Bridge cleanup event</p> <p>B. The city installed signage requesting public assistance with maintaining cleanliness in and around Sedona Recycles; future success is measured by increased cleanliness in and around Sedona Recycles.</p>
<p>Public Participation</p> <p>Maintain the pet waste collection program.</p>	<p>The City will maintain the existing pet waste stations (thirteen) and continue the pet waste collection program. This program targets the public by enhancing awareness and encouraging participation. The program is conducted throughout the year. Program evaluation for effectiveness and opportunities for improvement will be conducted annually.</p>	<p>Pollution Prevention</p> <p>Raise general public (resident and visitor) awareness and pollution prevention participation by providing an easy means to properly dispose of pet waste. These stations are serviced regularly (twice/month) to keep the disposable bags stocked and the</p>	<p>General public, specifically residents and visitors that have one or more dogs and volunteer dog walkers for the humane society.</p>	<p>Participation is gaged by the overall amount (in pounds) of feces collected from the waste receptacle and the lack of/reduction in feces reported/observed in public areas.</p> <p>The collection of feces from the thirteen city maintained stations for FY17-18 was 3,423.5 pounds. NOTE: The total for the reporting period</p>	<p>This program continues to be successful. The city will continue to maintain (restock bags and remove collected feces) all pet waste stations twice per month to maintain the effectiveness and success of the program.</p> <p>If new locations are determined to be appropriate and the city has a public right-of-way nearby, the city may look into the purchase and installation of additional station(s).</p>

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		waste receptacle from overflowing.		was 149.0 pounds less than previous year. Sedona Dog Park, and the associated waste station, was closed for two months for park improvements.	
<p>Public Participation</p> <p>Develop program for collecting, maintaining, and processing public comments on the city's stormwater program.</p>	<p>Conduct a press release annually (required), and notify via slide on close-circuit monitor, City of Sedona website, and social media (Facebook and Twitter) releases (optional) to request public comment and input regarding stormwater quality issues within the City. Comments received will be responded to within 30 days. Records of comments and responses will be retained for 2 years.</p>	<p>Pollution Prevention</p> <p>Stormwater pollution prevention through public participation and involvement by providing the public a chance to provide input to the City regarding stormwater quality issues.</p>	<p>General public, including residents and construction and contractor businesses.</p>	<p>The city requested citizen input for the Stormwater Management Program between June 1 and June 30, 2018. No comments or suggestions were received.</p>	<p>It is difficult to assess the results as the city received no comments for the stormwater management program during the reporting period.</p>



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E-2. Description of Changes to BMPs and Measurable Goals (8.1.3 and 8.4(l))			
a) Have there been any modifications to BMPs during this reporting period: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No. If yes, complete Section b, below (Add Rows as Necessary).			
b) Summary of BMP Modifications			
ADEQ Directed (8.1.4)	BMP Modified	Analysis of Why BMP Was Ineffective or Infeasible	Analysis of Why BMP is Expected to Achieve Goals
<input type="checkbox"/> Yes			

E-3. PUBLIC EDUCATION AND OUTREACH (6.4.1) Provide a Summary of Activities Planned for the Next Reporting Period in the Following Table			
Best Management Practices	Measurable Goal (steps to measure progress)	Summary of Planned Activities	Proposed Schedule
Public Involvement Develop and present stormwater pollution prevention information on televisions within city building(s).	Closed circuit monitors are installed in select city buildings (community development lobby, city court lobby, and finance department lobby) where residents and local business representatives interact with the city as customers. These monitors are utilized to present stormwater program information and other information related to stormwater pollution prevention and cleanliness and news.	The city will continue to add/remove slides as necessary (i.e. event notifications and seasonal news) and maintain/update (as necessary) slides presented to provide reminders to customers regarding stormwater pollution prevention and other stormwater issues. If the city determines that there is an increase in an issue, for instance a type of illicit discharge, such as lawn clippings or other yard waste in arroyos and	Updates to the slides/information presented may be performed to minimize repetitiveness and provide the following information: 1. General program information and reminder slides to prevent stormwater pollution and methods to help minimize/prevent stormwater pollution.

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		<p>drainages, the city can run a new slide providing information pertaining to the recent stormwater issue and provide information to the public.</p>	<p>2. Information regarding upcoming stormwater related events, such as:</p> <ul style="list-style-type: none"> a. 'stormwater cleanup events' including residential cleanup events (city provides dumpsters for yard waste and debris) and trail and other local area clean-up events b. electronic waste recycling collection event c. pre-monsoon inspection program information, dates, and local areas to be inspected d. request for stormwater program comments and feedback <p>Slides providing notification and information about these events may be added prior to event and removed after the event conclusion.</p> <p>3. Stormwater news and other information, such as:</p> <ul style="list-style-type: none"> a. any trends seen in stormwater cleanliness or discharges (i.e. a recent increase in illicit discharges or a specific type of illicit discharge) b. Other news related to stormwater cleanliness and pollution prevention.
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<p>Public Involvement</p> <p>Look for city outreach and educational opportunities for the public and contractors, including public comment and reporting opportunities.</p>	<p>The city will maintain the following:</p> <p>A. The City of Sedona stormwater webpage will be updated semi-annually and reviewed annually. Any comments and suggestions received via the email link provided will be reviewed and if a suggestion is appropriate and able to be implemented, the city will do so.</p> <p>B. The city will continue to provide the REPORT IT! tool as well as monitor for email complaints via the city website or 'Storms and Stormwater' webpage.</p> <p>C. The city will post the Notice of Intent and Stormwater Management Program, and, as they become available, the three most recent approved MS4 Annual Reports.</p>	<p>The city will maintain the following:</p> <p>A. The City of Sedona stormwater webpage will be updated semi-annually and reviewed annually. Any comments and suggestions received via the email link provided will be reviewed and if a suggestion is appropriate and able to be implemented, the city will do so.</p> <p>B. The city will continue to provide the REPORT IT! tool as well as monitor for email complaints via the city website or 'Storms and Stormwater' webpage.</p> <p>C. The city will post the Notice of Intent and Stormwater Management Program, and, as they become available, the three most recent approved MS4 Annual Reports.</p>	<p>A. The webpage will be updated semiannually and reviewed annually. Comments and suggestions that are appropriate and able to be implemented will be done as received and deemed actable.</p> <p>B. The REPORT IT! Program will be acted upon as reports are submitted by residents, visitors, and businesses.</p> <p>C. The city will update the Notice of Intent and Stormwater Management Program as changes are implemented and will post the three most recent MS4 Annual Reports as they are approved.</p>
<p>Public Involvement</p> <p>Develop an inlet curb marker program.</p>	<p>The city, with the assistance of the Oak Creek Watershed Council, installed 46 curb markers between the SR89A/SR179 intersection round-about (along Oak Creek bridge crossing corridor) and along SR89A from the SR89A/SR179 intersection round-about and over/past the Soldier Wash crossing on SR89A. These are in addition to the prior installed curb inlet markers (61) in highly visible areas of the uptown area. The areas selected have regular foot-traffic of both residents and visitors, adding to the visibility of the markers. These markers will</p>	<p>The city will annually inspect the curb markers and replace markers that are missing or damaged beyond effective use. The city will also install new curb markers, with the assistance of OCWC, as suitable high visibility locations are found, or the locations of illicit discharges are found/reported (raise awareness to prevent future illicit discharges at that location).</p>	<p>The curb markers will be replaced as they are found missing or damaged beyond effective use. New curb markers will be installed as suitable locations are found.</p>

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	be inspected annually and replaced as necessary.		
<p>Public Participation</p> <p>Develop a trash collection/recycling program.</p>	<p>Success of this initiative is the following:</p> <p>A. City participation in at least two trash pick-up events with a goal of five (5) volunteers at each of those events.</p> <p>B. Increased cleanliness of the area in and around Sedona Recycles.</p>	<p>A. The city will maintain the installed Sedona Recycles Center sign encouraging 'lending a helping hand' with the pick-up and clean-up of trash/recyclables in order to prevent the windborne spread of trash/recyclables.</p> <p>B. OCWC will coordinate a minimum of two trash pickup events within the City of Sedona and the city will participate in these two trash pick-up events.</p>	<p>A. The installed signs will be inspected annually and replaced, as necessary, if they are missing or damaged; visibility will be maintained.</p> <p>B. The city will participate in two trash pickup events planned, coordinated, and lead by OCWC or another organization during FY18-19.</p>
<p>Public Participation</p> <p>Maintain the pet waste collection program.</p>	<p>The success of this program is measured through the weight of feces collected during the fiscal year and a lack of/reduction in reported/observed pet feces in public areas.</p>	<p>The city will continue to keep the pet waste stations stocked with plastic bags and empty to permit ease of use. These stations are emptied twice/month and feces collected is weighed and recorded.</p>	<p>The city will empty and restock the pet waste stations twice/month. The city will repair or replace stations as necessary.</p> <p>If new locations are determined to be appropriate and the city has a public right-of-way nearby, the city may look into the purchase and installation of additional station(s).</p>
<p>Public Participation</p> <p>Develop program for collecting, maintaining, and processing public comments on the city's stormwater program.</p>	<p>The city will annually conduct a press release and other media news release methods (i.e. closed-circuit monitor, Facebook, Twitter, and the City of Sedona website) to request public comment and input regarding stormwater quality issues within the city.</p> <p>Comments received will be responded to within 30 days. The city will review all comments and suggestions to determine if</p>	<p>The city will annually conduct a press release and other media news release methods (i.e. closed-circuit monitor, Facebook, Twitter, and the City of Sedona website) to request public comment and suggestions regarding stormwater quality issues within the city.</p>	<p>The city will maintain the current schedule where comments and feedback are requested between June 1 and June 30 of the reporting year. Notification for the comment period will be via a press release and other media news release methods which may include the following: Close-circuit monitor, City of Sedona news on website, and social media releases (Facebook and Twitter).</p>

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	<p>they would help the process. Appropriate comments and suggestions could result in revision or update of the Stormwater Management Plan.</p> <p>Records of comments and responses will be retained for 2 years.</p>		
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F. MCM-3: ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDDE) PROGRAM (6.4.3 and 8.1.2)					
F-1. Provide a Summary of Illicit Discharge Detection and Elimination BMPs Implemented During the Reporting Period in the Following Table					
Best Management Practice	Measurable Goal (steps to measure progress)	Completed (Yes or No)	Date of Implementation	Percent of Target Audience Reached	Summary of Results and Effectiveness (8.1.2)
Stormwater Sewer Mapping Complete stormwater sewer mapping	The city shall complete all stormwater sewer mapping.	Yes	March 2017	N/A	The city has completed 100% of stormwater sewer mapping. The mapped items have a dedicated GIS layer.
Training Develop and implement a dry/wet weather and analytical monitoring training program	The City will conduct dry weather, wet weather, and analytical monitoring training program. The training will be completed by September 2017 and annually thereafter, or as needed for new staff.	Yes	Initial training conducted 05/08/2017 for David Peck and Michael Righi, the individuals responsible for performing the wet and dry visual, as well as analytical sample gathering,	100% of the personnel responsible for implementing the program had refresher training, as required.	Training is only required for new staff or existing employees that become responsible for implementation of this program. Training will be provided as necessary for employees meeting this requirement.

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			for the City of Sedona. No new staff or existing employees are responsible for this program; therefore, training is not required.		
Written IDDE Procedures Develop written IDDE procedures	A. Develop written IDDE procedures that assist in finding and eliminating sources on non-stormwater discharges. B. Review and reevaluate written IDDE procedures on an annual basis for completeness or new issues, at a minimum.	A. Yes; this requirement has been fully completed. B. Yes; the written IDDE procedures have been reviewed by both city staff and ADEQ representatives.	March 2017	100% of the personnel responsible for implementing the program.	The written IDDE manual is complete.
Dry Weather Screening Develop and implement a dry weather monitoring program.	City staff has completed the development and implementation of a dry weather screening inspection program to identify illicit discharges to the city MS4. The program includes a dry weather monitoring of 20% of	Yes	April 2017	100% of target audience (city stormwater staff)	The dry weather screening program has been fully implemented. The city completed the mapping and recording of all outfalls from the city MS4. An inspection of 20% (minimum) of the outfalls revealed no indication of illicit discharges. City Sections 12 and 13 were inspected (32 and 29 outfalls respectively) on 10/19/2017 (Section 12) and 10/18/2017 (Section 13).

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	the identified outfalls per year and investigation within 15 days of identifying or being notified of a potential illicit discharge. Findings of the dry weather monitoring are included in the annual report.				As no illicit discharges were detected by dry weather outfall inspection, investigations for illicit discharge were not performed/required for these outfalls.
<p>Wet Weather Monitoring</p> <p>Develop and implement a wet weather monitoring program.</p>	<p>City staff has completed the development and implementation of a wet weather screening inspection program to identify illicit discharges to the city MS4. The program requires wet weather monitoring of five selected representative outfalls sampled twice each per season (winter and summer rain seasons) to determine if any potential illicit discharge is occurring. Results of the wet weather outfall screening are</p>	<p>Partially Completed - due to insufficient flows or rain events</p>	<p>June 2017</p>	<p>100%</p>	<p>The wet weather screening program has been fully implemented.</p> <p>During rain events, visual samples of all five representative outfalls were taken, recorded and observed, and allowed to set for 24-hours for a final observation. Results of observations were recorded and are included in this report.</p> <p>No illicit discharges were indicated by the wet weather monitoring; no investigations for illicit discharges were performed/required. Please see the attached 'Small MS4 Discharge Monitoring Report' (DMR) for specific details and results regarding each analysis and monitoring performed.</p> <p>SUMMARY:</p> <p>Outfall #1 Summer</p> <p>sample performed 7/24/17</p>



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	<p>included in the annual report.</p>				<p>second sample not collected due to times, dates, or insufficient flow of rain events (details on DMR)</p> <p>Outfall #1 Winter</p> <p>sample performed 2/19/18</p> <p>second sample not collected due to times, dates, or insufficient flow of rain events (details on DMR)</p> <p>Outfall #2 Summer</p> <p>sample performed 7/24/17</p> <p>second sample not collected due to times, dates, or insufficient flow of rain events (details on DMR)</p> <p>Outfall #2 Winter</p> <p>Sample performed 2/19/18</p> <p>second sample not collected due to times, dates, or insufficient flow of rain events (details on DMR)</p> <p>Outfall #3 Summer</p> <p>sample performed 7/24/17</p> <p>second sample not collected due to times, dates, or insufficient flow of rain events (details on DMR)</p> <p>Outfall #3 Winter</p> <p>Samples performed 1/10/18 and 2/19/18</p> <p>Outfall #4 Summer</p> <p>sample performed 7/24/17</p>
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					<p>second sample not collected due to times, dates, or insufficient flow of rain events (details on DMR)</p> <p>Outfall #4 Winter</p> <p>Samples performed 1/10/18 and 2/19/18</p> <p>Outfall #5 Summer</p> <p>No samples performed</p> <p>samples not collected due to times, dates, or insufficient flow of rain events (details on DMR)</p> <p>Outfall #5 Winter</p> <p>No samples performed</p> <p>samples not collected due to times, dates, or insufficient flow of rain events (details on DMR)</p>
<p>Analytical Monitoring</p> <p>Develop and implement an analytical monitoring program</p>	<p>City staff has completed the development and implementation of an analytical monitoring program to identify discharges to Oak Creek, an Outstanding Arizona Water (OAW) and Impaired Water (Nat Attaining - category 4a). The impairment of Oak Creek in E. coli.</p>	<p>Partially Completed - due to insufficient flows or rain events</p>	<p>June 2017</p>	<p>100%</p>	<p>Please see the attached 'Small MS4 Discharge Monitoring Report' (DMR) for specific details and results regarding each analysis and monitoring performed.</p> <p>SUMMARY:</p> <p>Outfall #1 Summer</p> <p>sample performed 7/24/17</p> <p>second sample not collected due to times, dates, or insufficient flow of rain events (details on DMR)</p> <p>Outfall #1 Winter</p> <p>sample performed 2/19/18</p>

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	<p>The program requires analytical monitoring of five selected representative outfalls sampled twice each per season (winter and summer rain seasons) to determine the ambient stormwater quality of city discharge to Oak Creek. Oak Creek has a maximum Total Maximum Daily Load (TMDL) determined for E. coli. The analysis of stormwater discharge from the city can be used to determine if revisions to best management practices are required, if there are any issues with private septic systems or the public sewer system in the city.</p> <p>Results of the wet weather analytical monitoring are included in the annual report.</p>				<p>second sample not collected due to times, dates, or insufficient flow of rain events (details on DMR)</p> <p>Outfall #2 Summer</p> <p>sample performed 7/24/17</p> <p>second sample not collected due to times, dates, or insufficient flow of rain events (details on DMR)</p> <p>Outfall #2 Winter</p> <p>Sample performed 2/19/18</p> <p>second sample not collected due to times, dates, or insufficient flow of rain events (details on DMR)</p> <p>Outfall #3 Summer</p> <p>sample performed 7/24/17</p> <p>second sample not collected due to times, dates, or insufficient flow of rain events (details on DMR)</p> <p>Outfall #3 Winter</p> <p>Samples performed 1/10/18 and 2/19/18</p> <p>Outfall #4 Summer</p> <p>sample performed 7/24/17</p> <p>second sample not collected due to times, dates, or insufficient flow of rain events (details on DMR)</p> <p>Outfall #4 Winter</p> <p>Samples performed 1/10/18 and 2/19/18</p>
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					<p>Outfall #5 Summer</p> <p>No samples performed</p> <p>samples not collected due to times, dates, or insufficient flow of rain events (details on DMR)</p> <p>Outfall #5 Winter</p> <p>No samples performed</p> <p>samples not collected due to times, dates, or insufficient flow of rain events (details on DMR)</p>
<p>Outfall Inventory</p> <p>Complete stormwater MS4 outfall inventory and mapping.</p>	<p>The city has completed the mapping and inventory of all outfalls.</p>	<p>Yes</p>	<p>June 2017</p>	<p>100%; the mapping of all MS4 outfalls is complete; target audience, the city, utilizes the outfall list to perform the dry weather visual screening program, which requires 20% of outfalls to be inspected each year (100% coverage every five years) for illicit discharges.</p>	<p>As the MS4 outfall mapping is 100% complete, the city has fully implemented the dry weather screening program.</p> <p>An inspection of 20% (minimum) of the outfalls revealed no indication of illicit discharges. City Sections 12 and 13 were inspected on 10/18/2017 and 10/19/2017; no illicit discharges were detected.</p>

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F-2. DESCRIPTION OF CHANGES IN IDENTIFIED BMPS OR MEASURABLE GOALS (8.1.3 and 8.4(I))			
BMP modifications: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No. If yes, provide a brief explanation of each modification below (Add Rows as Necessary).			
ADEQ Directed (8.1.4)	BMP Modified	Analysis of Why BMP Was Ineffective or Infeasible	Analysis of Why BMP is Expected to Achieve Goals
<input type="checkbox"/> Yes			

F-3. IDDE Staff Training (6.4.3.10)			
Frequency of Training	Date of Training Event	Training Subject	Number of Employees Trained
Annually	January 25, 2018	Facilities Best Management Practice Manual Training – conducted by Engineering and Environmental Consultants (EEC), Inc. and included the three management employees (1 Supervisor and two leaders) for maintenance division that would be responsible for the bimonthly (every other month) inspection of the three city facilities/yards for inspection of best management practices. The two city representatives that manage the MS4 program were also in attendance.	Five (5) City of Sedona employees plus one (1) representative from EEC)
Annually	January 31, 2018	City of Sedona Annual Utility General Permit Renewal (for right of way permitting). This training presented an opportunity to provide MS4 and stormwater pollution prevention and best management practices training to utility company representatives.	Five (5) City of Sedona employees and six (6) utility company representatives (APS, UniSource, AZ Water).
Annually	March 28, 2018	Annual City of Sedona Staff MS4 Training – annual training for Public Works employees, including wastewater, and other employees that interact with construction sites or resident issues, such as city inspectors, code enforcement, and maintenance.	Twenty-two (22) City of Sedona employees

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F-4. Illicit Discharge Identification and Response (6.4.3.5)							
Date of Discovery	Method of Discovery	Type of Pollutants	Source	Estimated Duration of Illicit Discharge	Estimated Quantity	Date of Elimination	Escalated Enforcement Action Required?
08/01/17	City Employee	Sanitary wastewater	CVS (sewer cleanout)	2 weeks	5 gallons	08/16/17	No
08/08/17	City employee	Erosion products and sediment at discharge point	Water from telecom manhole/vault (dewatering)	2 hours	100 gallons	08/10/18	No
09/28/17	City employee	Unknown, if any; could contain dirt, grease, grime, oil, worn paint debris	Pressure washer runoff from pressure washing storage container	1 hour	30 gallons	09/28/18	No
10/30/17	Resident	Liquids from garbage hopper, hydraulic fluids and oils from truck, and paint tracked by tires	Patriot Disposal garbage truck	Unknown, moving discharge	Unknown	10/30/18	No
10/30/17	CitySource Report	Eroded dirt and sediment	Blocked drainage	Few months	Unknown liquid, 2 cubic feet of sediment	11/27/17	No
11/09/17	Building tenant	Hydraulic fluid	Garbage truck hydraulic fluid	Unknown, moving discharge	8 ounces	11/13/17	No

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11/19/17	City employee	Vegetation waste from trimming trees	Vegetation waste from trimming trees	1 week	N/A	11/23/17	No
11/11/17	City employees	Recyclable plastic bottles/containers	Plastic bottles and containers from recycling center	1 week	1 garbage bag (yard-size) of plastic waste	12/14/17	No
12/19/17	City employees	Household trash and litter scattered by ravens	Dumpster not supposed to be for household trash, uncovered dumpster	Unknown	Unknown – dumpster emptied and area cleaned up.	01/11/18	No
01/23/18	City employee	Drywall/paint residue drained to stormwater inlet	Business remodel – contractor cleaned out brushes and drywall materials at faucet in parking lot	1 day	1 gallon	01/23/18	No
02/21/18	City employee	RV grey water leak	RV parked on city road	<1 day	8 ounces	02/22/18	No
05/21/18	Call to city inspector from Tiffany Construction	Grease trap contents	Grease trap from local restaurant	1 hour	500 gallons	05/19/18	No



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F-5. Unpermitted Discharges to MS4 (6.4.3.11)			
Facility Name	Type of Activity	SIC Code	AZPDES Permit Number (if known)
365 Carburetor Rescue, LLC.	Motor Vehicle Parts (used) Merchant Wholesalers (NO known discharges)	5015	Home based internet business
West Sedona Rentals, LLC.	Recyclable Material Merchant Wholesalers (NO known discharges)	5093	
Red Rock News	Newspaper Publishers (NO known discharges)	2711	
Red Dot Studio	Jewelry and Silverware Manufacturing (NO known discharges)	3911	Small home business
Sedona Recycles Center	Scrap Recycling and Waste Recycling Facility (NO known discharges)	5093	
US Postal Service	US Postal Service (NO known discharges)	4311	
Carol Canyon, LLC.	Potential Auto Salvage (NO known discharges)	5015	
Sedona Moving and Storage	Local Trucking with Storage (NO known discharges)	4214	AZRNED-1194

F-6. Illicit Discharge Detection and Elimination			
Provide a Summary of Activities Planned for the Next Reporting Period in the Following Table			
Best Management Practices	Measurable Goal (steps to measure progress)	Summary of Planned Activities	Proposed Schedule
Stormwater Sewer Mapping Complete stormwater sewer mapping	The inventory of the stormwater sewer is completed and is mapped in the city GIS; updates (GIS layer) to be made as necessary with completion of projects that alter (add or remove) stormwater drainage devices or structures.	Updating of the mapping is completed as Capital Improvement Projects are completed.	This is an on-going process as GIS layer is updated as Capital Improvement Projects are completed.

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<p>Training</p> <p>Develop and implement a dry weather outfall screening and wet weather visual monitoring and analytical monitoring training program</p>	<p>Perform training of dry weather outfall screening, wet weather visual monitoring, and analytical monitoring if a new staff member is added to the staff responsible for these functions.</p>	<p>Perform training if new staff members are added that are responsible for these functions.</p>	<p>This is only to be performed if new staff members are hired for this task or existing employees are made responsible for this task.</p>
<p>Written IDDE Procedures</p> <p>Develop written IDDE procedures</p>	<p>The city has developed written IDDE procedures; task is complete.</p>	<p>This task (development or written IDDE procedures) is complete; no activities planned. The city will reevaluate the written procedures annually for completeness or new issues.</p> <p>The city has updated the IDDE procedures and Enforcement Response Plan (ERP) with a new Public Works policy, 'Policy for Illicit Discharge and Elimination', which incorporates the inspection, determination, and response plan for illicit discharge.</p>	<p>The city will reevaluate the written procedures annually for completeness or new issues.</p> <p>The 'Policy for Illicit Discharge and Elimination' was developed during September 2018.</p>
<p>Dry Weather Screening</p> <p>Develop and implement a dry weather monitoring program.</p>	<p>The city has developed a dry weather monitoring program; task is complete.</p>	<p>This task (development of a dry weather monitoring program) is complete. The city will conduct dry weather monitoring of at least 20% of our outfall inventory during dry weather periods.</p>	<p>This task (development of a dry weather monitoring program) is complete. The city will conduct dry weather monitoring of at least 20% of our outfall inventory for each reporting year during dry weather periods.</p>
<p>Wet Weather Monitoring</p> <p>Develop and implement a wet</p>	<p>The city has developed a wet weather monitoring program; task is complete.</p>	<p>The city has completed the task of developing a wet weather monitoring program. The city will perform wet weather monitoring at five (5) selected</p>	<p>The city has completed the task of developing a wet weather monitoring program. The city will perform wet weather monitoring at five (5) selected</p>

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<p>weather monitoring program.</p>		<p>outfalls four (4) times per year (two in summer and two in winter rain seasons) for events that result in a discharge from the storm sewer system. If any updates or revisions are required, the city will address those at such time.</p>	<p>outfalls four (4) times per year (two in summer and two in winter rain seasons) for events that result in a discharge from the storm sewer system. If any updates or revisions are required, the city will address those at such time.</p>
<p>Analytical Monitoring Develop and implement an analytical monitoring program</p>	<p>The city has developed an analytical monitoring program; task is complete.</p>	<p>The city has completed the task of developing an analytical monitoring program. The city will conduct two analytical monitoring events in the winter season and two in the summer season, to coincide with wet weather monitoring. The city will perform analytical monitoring at five (5) selected outfalls (representative) four (4) times per year (two in summer and two in winter rain seasons) for events that result in a discharge from the storm sewer system.</p>	<p>These sampling events will take place when the conditions are met, which include precipitation events that generate sufficient flow and sufficient time between events. The monitoring will be at five (5) selected outfalls (representative) four (4) times per year (two in summer and two in winter rain seasons) for events that result in a discharge from the storm sewer system. There is no planned timing for these events. City public works staff is working with Sedona wastewater department staff to start conducting our own sample analysis this reporting period.</p>
<p>Outfall Inventory Complete stormwater MS4 outfall inventory and mapping.</p>	<p>The city has completed outfall inventory; this include mapping of all MS4 outfalls, with a picture and GIS coordinates, on a separate GIS layer.</p>	<p>Outfall inventory will be updated if new outfalls are installed or removed. Otherwise, the city will conduct dry-weather outfall screening as discussed above.</p>	<p>As this inventory is complete, the city will update the inventory as required. Otherwise, the city will conduct dry-weather outfall screening as discussed above. There is no set time for this screening.</p>

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G. MCM-4: CONSTRUCTION ACTIVITY STORMWATER RUNOFF CONTROL (6.4.4 and 8.1.2)				
G-1. Provide a Summary of Construction Activity Stormwater Runoff Control BMPs Implemented During the Reporting Period in the Following Table				
Best Management Practices	Measurable Goal	Date BMP was Implemented	Implementation Status (percent complete, date complete, on-going)	Summary of Results and Effectiveness (8.1.2)
Training Provide construction site stormwater training for city staff.	Provide training for city staff, inspectors, and interested local contractors annually.	September 2017	Completed for this reporting year on March 28, 2018. On-going.	Most reports of illicit discharges were made from city employees that were doing their normal duties.
Education/Public Involvement Construction BMP brochure distribution and Stormwater Construction General Permit.	Continue efforts to distribute brochures and various BMPs to contractors. Brochures to be sent out annually.	June 2016	Complete (for this reporting year) and on-going	This is difficult to assess.
Enforcement Continue to enforce construction site enforcement policies and procedures.	The city will continue enforcing its construction site requirements. Enforcement will include informing offending parties of the violation(s) and allowing an opportunity to respond and correct the issue. Escalation of enforcement will occur as necessary. Enforcement policies/procedures will be reviewed annually.	December 2017	Complete (for this reporting period) and on-going.	The City of Sedona has continued to enforce construction site requirements and as of this fiscal year has implemented an Illicit Discharge Detection and Elimination Manual (April 2017) and an Enforcement Response Plan (December 2017) per the requirements of the MS4 permit.

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<p>BMPs Erosion and Sediment Control</p> <p>Maintain list of construction site BMPs which are available on the city's stormwater website.</p>	<p>The city will continue to maintain its list of preferred construction site BMPs which are available to contractors and available on the city's stormwater website. The BMPs will be reviewed annually for effectiveness.</p>	<p>December 2017</p>	<p>Complete and on-going</p>	<p>The city will continue to maintain a list of construction site BMPs. These are available on the stormwater webpage as a brochure for the construction industry: Sedona Stormwater Keep It Clean (construction industry brochure).</p> <p>The City of Sedona General Stormwater Pollution Prevention Guidelines Notice of Intent, an agreement (NOI) signed by the party responsible for stormwater pollution prevention where the requirements for an ADEQ AZPDES Construction Activity General Permit for Stormwater does not apply, contains a thorough list of Stormwater BMPs as well.</p> <p>The city also distributes, as part of the approval of any new single-family home, a SWPPP plan guide, outlining typical best management practices.</p>
<p>Inspections</p> <p>Develop a construction site inspection program</p>	<p>Continue to implement and review construction site inspection program annually. During Construction, Capital Improvement Projects to be inspected biweekly, commercial developments to be inspected monthly, and residential construction to be inspected intermittently.</p>	<p>December 2017</p>	<p>Complete and on-going</p>	<p>The city inspectors inspect Capital Improvement Projects every two weeks. There were four Capital Improvement Projects over FY17-18 and 29 inspections were performed by city inspectors.</p> <p>Commercial projects are inspected monthly. There were two commercial projects during FY17-18 and seven (7) inspections were performed.</p> <p>Residential construction projects are inspected intermittently. The city</p>

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				performed 46 inspections for the reporting period.
<p>Inventory</p> <p>Develop a construction and post-construction permit tracking sheet.</p>	<p>The City will keep an inventory of all construction and post-construction activities that disturb or will disturb one (1) or more acres within the permitted area; including those that are less than one (1) acre but are part of a larger common plan of development or sale if the larger common plan will ultimately disturb greater than one (1) acre. Additionally, all active commercial projects and Capital Improvement Projects (CIPs) are maintained in an inventory spreadsheet.</p>	<p>December 2017</p>	<p>Complete and on-going (updated as new projects are submitted).</p>	<p>A spreadsheet is kept of all permits (new construction) requiring an ADEQ AZPDES Construction Activity General Permit for Stormwater Notice of Intent. Additionally, all Notice of Intents are kept on file with the permit for the new construction.</p>
<p>Site Plan Review</p> <p>Develop site plan review procedures.</p>	<p>Develop written procedures for site plan review. The site plan review shall include: a review by City staff of the site design; the planned operations at the location of the construction activity; planned stormwater controls to be used to manage runoff created after development.</p>	<p>December 2017</p>	<p>Complete and on-going</p>	<p>The City of Sedona maintains a comprehensive inventory of completed project stormwater controls. These controls include maintenance requirements for first flush basins, oil-water separators, and operations procedures. In addition, City Code Section 13.50.090 discusses site plan review from a stormwater pollution control standpoint. These are utilized to review plans to verify that controls implemented will minimize stormwater pollution and impacts to the MS4.</p>



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G-2. Description of Changes in BMPs and Measurable Goals (8.1.3 and 8.4(l))			
BMP modifications: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No. If yes, provide a brief explanation of each modification below (Add Rows as Necessary).			
ADEQ Directed (8.1.4)	BMP Modified	Analysis of Why BMP Was Ineffective or Infeasible	Analysis of Why BMP is Expected to Achieve Goals
<input type="checkbox"/> Yes			

G-3. Construction Activity Complaints (6.4.4.5 and 8.4(i))	
Number of Complaints Received	Number of Complaint Responses/Resolved
7	7

G-4. Construction Activity Inspections			
Number of Active Construction Sites	Number of Active Construction Sites Inspected	Number of Re-Inspections	Average Inspection Frequency
43	Approximately 20 (tracking will be vastly improved in FY18-19)	6	4 per month (45 total)
Number of Violation		Number of Enforcement Actions	
6		0	

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G-5. Construction Activity Stormwater Runoff Control Provide a Summary of Activities Planned for the Next Reporting Period in the Following Table			
Best Management Practices	Measurable Goal (steps to measure progress)	Summary of Planned Activities	Proposed Schedule
Training Provide construction site stormwater training for City staff.	City shall provide training annually to staff and employees that have direct involvement with the city stormwater program, including maintenance workers, wastewater workers, inspectors, and engineers.	Annual training will be given to staff and employees that have direct involvement with the city stormwater program, including maintenance workers, wastewater workers, inspectors, and engineers.	Training to be performed annually; scheduled to be completed in March 2019.
Education/ Public Involvement Construction BMP brochure distribution and Stormwater Construction General Permit.	Continue efforts to distribute brochures and various BMPs to contractors. Brochures to be sent out annually.	The city will continue to distribute brochures specific to contractor and construction businesses. Along with the brochure, the city will spotlight various Best Management Practices to local contractors. This will be performed annually.	The annual distribution of contractor and construction business brochure and BMP spotlight is typically sent out in April of each year; however, for FY18-19 it will be sent in October or November 2018.
Enforcement Continue to enforce construction site enforcement policies and procedures.	The city will continue enforcing its construction site requirements. Enforcement will include informing offending parties of the violation(s) and allowing an opportunity to respond and correct the issue. Escalation of enforcement will occur as necessary. Enforcement policies/procedures will be reviewed annually.	The city will inspect active construction sites as previously stated (CIPs inspected bi-weekly, commercial projects inspected monthly, and residential projects inspected intermittently) per the Notice of Intent. During these inspections, if enforcement is necessary, the city will inform the offending party of the violation(s) and allow an opportunity for response and correction of the issue. If necessary, escalation of enforcement will occur should it be necessary.	The city will continue to enforce its construction site policies and procedures throughout FY18-19. Enforcement will occur as necessary, with escalation only occurring as necessary.



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<p>BMPs Erosion/ Sediment Control</p> <p>Maintain list of construction site BMPs which are available on the city's stormwater website.</p>	<p>The city will continue to maintain its list of preferred construction site BMPs which are available to contractors on the city's stormwater website. The BMPs will be reviewed annually for effectiveness.</p>	<p>The city will maintain the list of construction site BMPs and will update the list annually. If new or better BMPs are found during the semi-annual research performed for updates to the city webpage and stormwater BMPs, the list of preferred construction site BMPs could be updated more than once per year.</p>	<p>The city will maintain the list and review the BMPs annually for effectiveness. If research or other BMPs are found to be more effective, the list may be updated more than annually.</p> <p>The city has budgeted to print updated stormwater brochures during the second half of the 2018-2019 reporting period.</p>
<p>Inspections</p> <p>Develop a Construction Site Inspection Program</p>	<p>Continue to implement and review construction site inspection program annually. During construction, Capital Improvement Projects to be inspected biweekly, commercial developments to be inspected monthly, and residential construction to be inspected intermittently.</p>	<p>The city will inspect active construction sites (CIPs inspected bi-weekly, commercial projects inspected monthly, and residential projects inspected intermittently).</p> <p>Per the ADEQ Consent Order dated August 17, 2018, the city will be providing ADEQ with a written Construction Activity Stormwater Control Program prior to November 15, 2018.</p>	<p>The city will perform inspections of active construction sites. These inspections will be as follows: CIPs inspected bi-weekly, commercial projects inspected monthly, and residential projects inspected intermittently.</p> <p>The city has contracted with Stormwater Simplified LTD to use their internet based and cell phone application driven SWPPPTTrack for construction site inspections. The cost to the city for this service is \$5,560 for this reporting year. This system will drastically streamline inspections, violation reports, and inspection tracking.</p>
<p>Inventory</p> <p>Develop a construction and post-construction permit tracking sheet</p>	<p>The city will develop a spreadsheet or database to keep an inventory of all construction activities that disturb or will disturb one (1) or more acres within the permitted area; including those that are less than one (1) acre but are part of a larger common plan of development or sale if the larger common plan will ultimately disturb greater than one (1) acre.</p>	<p>The city will maintain the inventory spreadsheet of all construction activities that disturb or will disturb one (1) or more acres within the permitted area; including those that are less than one (1) acre but are part of a larger common plan of development or sale if the larger common plan will ultimately disturb greater than one (1) acre.</p>	<p>The city will continue to maintain the inventory spreadsheet of all construction activities that disturb or will disturb one (1) or more acres within the permitted area; including those that are less than one (1) acre but are part of a larger common plan of development or sale if the larger common plan will ultimately disturb greater than one (1) acre. This spreadsheet will be updated as new</p>



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			construction activities that meet the requirements are permitted by the city.
<p>Site Plan Review</p> <p>Develop Site Plan Review procedures.</p>	<p>Develop written procedures for site plan review. The site plan review shall include: a review by city staff of the site design; the planned operations at the location of the construction activity; planned stormwater controls to be used to manage runoff created after development.</p>	<p>The city will maintain the written procedures for site plan review.</p>	<p>The city will maintain the procedures for site plan review and will update as necessary.</p>

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H. MCM-5: POST-CONSTRUCTION STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT (6.4.5 and 8.1.2)				
H-1. Provide a Summary of Post-Construction Activity Stormwater Runoff Control BMPs Implemented During the Reporting Period in the Following Table				
BMP	Measurable Goal (steps to measure progress)	Completed (Yes or No)	Cite Local Code(s) Being Used (If available, web link for code(s))	Summary of Results and Effectiveness (8.1.2)
<p>Enforcement</p> <p>Maintain the post-construction enforcement policies and procedures.</p>	<p>Maintain and review enforcement policies and procedures to ensure they are in compliance with Land Development Code Section 8, and City Code Title 13. Review the policies and procedures annually.</p>	Yes	<p>Sedona City Code: http://www.codepublishing.com/AZ/Sedona/</p> <p>Sedona Land Development Code: http://www.codepublishing.com/AZ/Sedona/ldc.html</p>	<p>The city's post-construction enforcement policies and procedures are compliant with Sedona Land Development Code Section 8 and City Code Title 13.</p> <p>The Sedona Land Development Code Section 8 and City Code Title 13 are compliant with small MS4 Permit requirements.</p>
<p>Training</p> <p>Develop and provide training for construction and post-construction stormwater pollution prevention.</p>	<p>Provide annual training to inspectors to assist in identification of stormwater violations. This training may include additional City staff and invited contractors. This is to be conducted annually.</p>	Yes	<p>This is required per the City of Sedona Notice of Intent with ADEQ.</p>	<p>Training was provided to 22 city Public Works employees (including wastewater and inspectors) in March 2018.</p>
<p>Inspections</p> <p>Develop post-construction site inspection program.</p>	<p>Public Works Department will conduct post-construction site inspections. All Capital Improvement Projects shall be inspected annually. Twenty percent (20%) of commercial</p>	Yes	<p>This is required per the City of Sedona Notice of Intent with ADEQ.</p>	<p>All nineteen (19) post-construction Capital Improvement Projects were inspected. Issues found were addressed. The city also completed inspection of</p>

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	properties with documented post-construction BMPs will be inspected annually.			eight (8) post-construction commercial projects (twenty percent (20%) of post-construction commercial development with documented post-construction BMPs).
Inventory Develop and maintain a construction and post-construction tracking spreadsheet or database.	The City will keep an inventory of all construction and post-construction activities that disturb or will disturb one (1) or more acres within the permitted area; including those that are less than one (1) acre but are part of a larger common plan of development or sale if the larger common plan will ultimately disturb greater than one (1) acre. Additionally, all post-construction Capital Improvement Projects and commercial projects that have documented post-construction BMPs will be tracked and kept inventoried.	Yes	This is required per the City of Sedona Notice of Intent with ADEQ.	The city required ADEQ Notice of Intent permits for the construction of thirty-seven (37) new single-family homes and four commercial permits as they met the requirements outlined. The city maintains a spreadsheet with all post-construction Capital Improvement Projects and post-construction commercial projects with documented post-construction BMPs. The inventory is updated as permits are applied for or commercial and Capital Improvement Projects are completed.
Runoff Control Assessment Enforce and maintain existing program and policies for prevention	Public Works Department will conduct post-construction site inspections. All Capital Improvement Projects shall be inspected annually.	Yes	This is required per the City of Sedona Notice of Intent with ADEQ.	All nineteen (19) post-construction Capital Improvement Projects were inspected. The city also completed inspection of eight (8) post-construction



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<p>of pollutant runoff from post-construction sites.</p>	<p>Twenty (20) percent of commercial properties with documented post-construction BMPs inspected annually. Any discrepancies found will be required to bring post-construction BMPs and inspections up to date in accordance with submitted plan/BMPs.</p>			<p>commercial projects (twenty percent (20%) of post-construction commercial development with documented post-construction BMPs).</p>
<p>Site Plan Reviews Continue to implement site plan review policies and procedures for post-construction controls.</p>	<p>The City will continue to implement its procedures for post-construction site plan review. The site plan review shall include: a review by City staff of the site design; the planned operations at the location of the construction activity; planned stormwater controls to be used to manage runoff created after development.</p>	<p>Yes</p>	<p>This is required per the City of Sedona Notice of Intent with ADEQ.</p>	<p>The city continued to implement procedures for post-construction site plan review. As part of initial approval, the city reviews proposed device installation as well as planned post-construction activities and maintenance for the planned device(s). Runoff control is also reviewed prior to city approval. Final inspections are performed to confirm stormwater controls are in place prior to Certificate of Occupancy.</p>



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H-2. Post-Construction Stormwater Management in New Development and Redevelopment (8.4(j))	
Number of Sites Requiring Post-Construction Controls	Number of Post-Construction Stormwater Controls Inspected
There are 43 commercial post-construction SWPPPs and 23 post-construction Capital Improvement Projects (CIPs)	The city inspected 8 commercial post-construction SWPPPs and all 23 post-construction CIPs.
Number of Post-Construction Stormwater Control Violations	Number of Post-Construction Stormwater Control Violations Resolved
7 (late in reporting year mid-June)	3

H-3. Description of Changes in BMPs or Measurable Goals (8.1.3 and 8.4(l))			
BMP modifications: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No. If yes, provide a brief explanation of each modification below (Add Rows as Necessary).			
ADEQ Directed (8.1.4)	BMP Modified	Analysis of Why BMP Was Ineffective or Infeasible	Analysis of Why BMP is Expected to Achieve Goals
<input type="checkbox"/> Yes			

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H-4. Post-Construction Stormwater Management in New Development and Redevelopment (6.4.1) Provide a Summary of Activities Planned for the Next Reporting Period in the Following Table			
Best Management Practices	Measurable Goal (steps to measure progress)	Summary of Planned Activities	Proposed Schedule
Enforcement Maintain the post-construction enforcement policies and procedures.	Maintain and review enforcement policies and procedures to ensure they are in compliance with Land Development Code Section 8, and City Code Title 13. Review the policies and procedures annually.	The city will maintain and review enforcement policies to ensure compliance with Land Development Code Section 8 and City Code Title 13. Policies and procedures will be reviewed annually to ensure compliance with the above codes (LDC Section 8 and City Code Title 13).	Annual review of policies and procedures; if, during review, it is noted that a revision or update is necessary, this will be performed as required. Otherwise, no specific schedule is proposed.
Training Develop and provide training for construction and post-construction stormwater pollution prevention.	Provide annual training to public works employees, including wastewater and maintenance employees, and inspectors and code enforcement employees, to assist in identification of stormwater violations. This training may include additional city staff and invited contractors. This is to be conducted annually.	Annual training is planned to include employees from Public Works, including wastewater, maintenance, and inspectors, as well as other department employees (code enforcement and building inspectors) as these employees are often at job sites and out working throughout the city. As such, they are the eyes and ears to help find, report, and stop illicit discharges. They may even help prevent future illicit discharges.	Annual training will be conducted in March 2019.
Inspections Develop post-construction site inspection program	Public Works Department will conduct post-construction site inspections. All Capital Improvement Projects shall be inspected annually. Twenty (20) percent of commercial properties with documented post-construction BMPs will be inspected annually.	Public Works employees inspect all post-construction Capital Improvement Projects (CIP) annually. In addition, twenty percent (20%) of all commercial projects/properties with documented post-construction best management practices will be inspected annually.	The Public Works Department will conduct these inspections over the course of the reporting period (FY18-19).

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<p>Inventory</p> <p>Develop and maintain a post-construction tracking spreadsheet or database.</p>	<p>The City will keep an inventory of all construction activities that disturb or will disturb one (1) or more acres within the permitted area; including those that are less than one (1) acre but are part of a larger common plan of development or sale if the larger common plan will ultimately disturb greater than one (1) acre. Additionally, all post-construction Capital Improvement Projects and commercial projects that have documented post-construction BMPs will be tracked and kept inventoried.</p>	<p>The city will continue to maintain and update the inventory (spreadsheet) of all construction activities that require an ADEQ Construction General Permit NOI. This includes maintaining an inventory of all commercial development with documented post-construction BMPs and all post-construction Capital Improvement Projects (CIP).</p>	<p>This inventory is updated as Capital Improvement Projects are completed, commercial projects that have post-construction BMPs are completed, and construction activities that that disturb or will disturb one (1) or more acres within the permitted area; including those that are less than one (1) acre but are part of a larger common plan of development or sale if the larger common plan will ultimately disturb greater than one (1) acre are approved.</p>
<p>Runoff Control Assessment</p> <p>Enforce and maintain existing program and policies for prevention of pollutant runoff from post-construction sites.</p>	<p>Public Works Department will conduct post-construction site inspections. All Capital Improvement Projects shall be inspected annually. Twenty (20) percent of commercial properties with documented post-construction BMPs inspected annually. Any discrepancies found will be required to bring post-construction BMPs and inspections up to date in accordance with submitted plan/ BMPs.</p>	<p>The city will maintain an inventory (spreadsheet) of all commercial and Capital Improvement Projects (CIP) that enter post-construction status. Twenty percent (20%) of commercial post-construction projects with documented post-construction BMPs will be inspected annually and all post-construction CIPs will be inspected annually. Any discrepancies found will be documented and require BMPs to be brought up to date and any plan updated as necessary.</p>	<p>The Public Works Department will conduct these inspections over the course of the reporting period (FY18-19).</p>
<p>Site Plan Reviews</p> <p>Continue to implement site plan review policies and procedures for post-construction controls.</p>	<p>The City will continue to implement its procedures for post-construction site plan review. The site plan review shall include a review by city staff of the site design, the planned operations at the location of the construction activity, and planned stormwater controls to be used to manage runoff created after development (post-construction).</p>	<p>The city will continue to incorporate the procedures for post-construction site plan review. These reviews include review of site design, the planned site operations, and stormwater controls to be implemented.</p>	<p>Review of site plans, including the review of site design, site operations, and post-construction stormwater controls, will be performed as permits are applied for with the city in the reporting period (FY18-19).</p>

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I. POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS (6.4.6)			
I-1. Summary of Pollution Prevention and Good Housekeeping BMPs in the Following Table			
Facility Name (Group Facilities as Appropriate)	Best Management Practices	Measurable Goal (steps to measure progress)	Summary of Results and Effectiveness (8.1.2)
City Maintenance Yards and City Parking Lots	<p>Cleaning Inlets and Basins</p> <p>Develop program for inspecting and cleaning out city property catch basins.</p>	<p>During rainy season, the City Maintenance Division routinely inspects and cleans out catch basin grates that may be clogged with trash/debris. This is typically biannual to coincide with AZ's biannual rainy seasons in winter and summer months.</p>	<p>The city has been performing these inspections during each rain season. The city maintains a checklist of areas to inspect after a rain event, and the city cleans out any devices that may be clogged with trash and debris. This results in proper stormwater flow, minimizing trash and debris, as well as reducing erosion and sediment transportation, in the stormwater.</p>
City Maintenance Yard, City Parking Lots, Streets/Highways	<p>Facility Prioritization</p> <p>Develop a facility prioritization list for implementing and maintaining pollution prevention and good housekeeping measures.</p>	<p>Priority 1 – Maintenance yards, Priority 2 – City Parking lots and catch basins, Priority 3 – Public Streets/Highways</p>	<p>The city has prioritized its facilities and incorporated and implemented/maintained pollution prevention and good housekeeping measures. This is part of the Facilities Best Management Practices Manual approved in June 2017.</p>
City Maintenance Yards and City Parking Lots	<p>Implement Controls</p> <p>Develop an in-house inspection program.</p>	<p>Develop and enforce the operation and maintenance programs through an in-house inspection program.</p>	<p>The Facilities Best Management Practices Manual has been fully implemented; bimonthly (every other month) inspections were performed, starting in January 2018. These inspections will continue into the next reporting period (FY18-19).</p>

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Capital Improvement Projects (CIPs)	<p>Inspections</p> <p>Develop inspection program and protocols for Capital Improvement Projects (CIPs).</p>	Routinely inspect Capital Improvement Projects (CIP) for compliance with their individual SWPPPs.	Capital Improvement Projects are inspected bi-weekly (every other week) for compliance with their individual SWPPPs. The city performed 29 inspections covering four (4) CIPs in FY17-18.
City Maintenance Yards and City Parking Lots	<p>Inventory</p> <p>Develop a tracking spreadsheet or database for city-wide pollution prevention and good housekeeping procedures.</p>	Develop and maintain a spreadsheet/database to track inspection of city properties for pollution prevention, good housekeeping compliance.	A spreadsheet is used to record the facilities inspected, inspection dates, inspector, and any issues identified/notes. A record of the inspection, from the form in the 'Facilities Best Practices Manual' is scanned and electronically filed.
City Parking Lots	<p>O&M Procedures</p> <p>Develop an operation and maintenance of oil-water separators and catch basins program.</p>	Develop and maintain procedures for the operation and maintenance of city owned oil-water separators and catch basins. Routinely inspect oil-water separators, catch basins and conduct annual maintenance of the oil-water separators, annually inspect catch basins and remove debris.	The City of Sedona maintains a comprehensive inventory of completed project stormwater controls. These controls include maintenance requirements for first flush basins, oil-water separators, and operations procedures. The city conducts regular annual maintenance of the oil-water separators and catch basins. This maintenance will be performed annually, at a minimum. The city also maintains a comprehensive checklist of areas to inspect after a rain event, and the city clears any device clogged with trash and debris.
City parking lots and catch basins	<p>Reduce Trash/Floatables</p> <p>Develop a catch basin maintenance program for trash/floatables reduction pollution prevention.</p>	Inspect and clean out catch basin grates that may be clogged with trash/debris. Will be conducted biannual to coincide with rainy seasons in winter and summer months.	The city maintains a checklist of areas to inspect after a rain event, and the city cleans out any basins/grates that may be clogged with trash and debris. This will occur biannually coinciding with the rainy seasons in summer and winter.

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Public streets/highways	<p>Street Sweeping</p> <p>Maintain a street sweeping program</p>	<p>Maintain the monthly sweeping of city parking lots. City streets with curb and gutter, including State Routes 89A and 179, including bike lanes, will continue to be swept monthly. The goal each month is 20 lane miles.</p>	<p>The city has continued street sweeping / parking lot sweeping throughout the city and will continue this practice through FY18-19. The street sweeping service also keeps the city maintenance yard and city parking lots clean. In addition, the city contracts the sweeping of city streets with curb and gutter, including State Routes 89A and 179.</p>
Capital Improvement Project (CIP)	<p>SWPPP</p> <p>Develop a SWPPP for each Capital Improvement Project (CIP).</p>	<p>SWPPPs are developed for each Capital Improvement Project (CIP). Frequency is as applicable projects are implemented.</p>	<p>Each Capital Improvement project has a SWPPP developed specifically for that project. This practice ensures that the city does not negatively impact its MS4 and minimizes pollution from the project. These SWPPP specific plans are inspected by Public Works inspectors every other week to verify implementation and effectiveness.</p>
Not specific to any facility	<p>Training</p> <p>Provide training for pollution prevention and good housekeeping measures.</p>	<p>Provide annual training to city employees that work in maintenance and need to be aware of and implement the Facilities Best Management Practices Manual. At a minimum, the Facilities Supervisor and two leaders will be trained annually.</p>	<p>Training was performed January 25, 2018, with five City of Sedona employees (two employees responsible for administration of MS4 permit program, the Public Works Maintenance Supervisor, and two maintenance leaders) and one representative from Engineering and Environmental Consultants, Inc. (EEC) presenting the training and the new Facilities Best Management Practices Manual.</p>
Not specific to any facility	<p>Written Procedures</p> <p>Develop written procedures for pollution prevention and good housekeeping measures.</p>	<p>Develop written procedures and BMPs for pollution prevention and good housekeeping measures to be implemented, maintained, and inspected at applicable city facilities.</p>	<p>The written procedures have been developed (Facilities Best Management Practices Manual) and implemented (June 2017). If any edits revisions, or updating is required, the city will address this specifically at that time.</p>



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I-2. Description of Changes in BMPs and Measurable Goals (8.1.3 and 8.4(I))			
BMP modifications: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No. If yes, provide a brief explanation of each modification below (Add Rows as Necessary).			
ADEQ Directed (8.1.4)	BMP Modified	Analysis of Why BMP Was Ineffective or Infeasible	Analysis of Why BMP is Expected to Achieve Goals
<input type="checkbox"/> Yes			

I-3. Updates to Operation and Maintenance Programs (6.4.6 (a-g))
<p>The City of Sedona performs annual maintenance on four (4) Stormceptor stormwater inlet devices. These four devices are maintained by the city but in the Arizona Department of Transportation State Route 179 Rights-of-Way. This maintenance is performed annually and includes removal of all accumulated trash and debris (floatables) and all silt and sediment at the bottom of the Stormceptor. The screen is inspected, and general condition of the device is looked at to be sure the device is in working order. These four Stormceptors provide final defense for stormwater pollution as the outlet of all four devices enters Oak Creek.</p>

I-4. Pollution Prevention and Good Housekeeping for Municipal Operations			
Provide a Summary of Activities Planned for the Next Reporting Period in the Following Table			
Best Management Practices	Measurable Goal (steps to measure progress)	Summary of Planned Activities	Proposed Schedule
Cleaning inlets/basins <small>(city maintenance yards and city parking lots)</small>	The city maintains a 'Storm Checklist' which is utilized to inspect and clean catch basin grates that may become clogged with trash/debris during rain/storm events.	The inspections and maintenance activities are planned biannually; due to uncertainty of rain events, this activity may be performed more often than biannually due to rain events.	Biannual inspection and cleaning. The city shall conduct the following (minimum): Winter rain season (November 1 to May 31) inspection and cleaning

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<p>Develop program for inspecting and cleaning out city property catch basins.</p>	<p>Routine biannual inspections and cleaning of catch basin grates, coinciding with the two rainy seasons (summer monsoon and winter wet seasons), will continue.</p>		<p>Summer rain season (June 1 to October 31) inspection and cleaning.</p> <p>However, as noted, this frequency may increase to coincide with higher/more frequent rainfall events.</p>
<p>Facility prioritization</p> <p>(city maintenance yards, city parking lots, and streets/highways)</p> <p>Develop a facility prioritization list for implementing and maintaining pollution prevention and good housekeeping measures.</p>	<p>This prioritization requirement has been met. The city has incorporated the following prioritization:</p> <p>Priority 1: maintenance yards</p> <p>Priority 2: city parking lots and catch basins</p> <p>Priority 3: public streets and highways</p>	<p>Task is complete; no reprioritization activities are planned. The city will utilize prioritization to implement and maintain pollution prevention and good housekeeping measures, which is incorporated into the city Facility Best Management Practices manual.</p>	<p>No schedule; if changes must be made, it will be addressed at that time.</p>
<p>Implement controls</p> <p>(city maintenance yards and city parking lots)</p> <p>Develop an in-house inspection program.</p>	<p>Develop and enforce the operation and maintenance programs through an in-house inspection program.</p>	<p>An in-house inspection program has been developed through the Facilities Best Management Practices Manual, which provides the frequencies of required inspection items to be performed. These inspections shall be performed at the required frequency per the manual.</p>	<p>The required inspections will be performed at the required interval per the city's Facilities Best Management Practices Manual.</p>
<p>Inspections</p> <p>(Capital Improvement Projects)</p> <p>Develop inspection program and protocols for Capital</p>	<p>Routinely inspect Capital Improvement Projects for compliance with their individual SWPPPs.</p>	<p>The city will continue to perform inspections bi-weekly (once every two weeks) of active Capital Improvement Projects specifically addressing the required SWPPP for the project.</p>	<p>These inspections will be performed biweekly (once every two weeks) for active CIPs. The number performed will depend on the number of active CIPs during the next reporting period (FY18-19).</p>

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<p>Improvement Projects (CIPs)</p>			
<p>Inventory (city maintenance yards and city parking lots) Develop a tracking spreadsheet or database for city-wide pollution prevention and good housekeeping procedures.</p>	<p>Develop and maintain a spreadsheet or database to track inspection of city properties for pollution prevention, good housekeeping compliance.</p>	<p>The city has a new 'Facilities Best Management Practices Manual' which outlines the three (3) facilities in the inventory. Each facility has best management practices specific to the equipment and materials stored, used, or operated onsite. A spreadsheet is maintained providing the date of inspection, facility inspected, the inspector, and any issues identified during the inspection.</p>	<p>This requirement is fully implemented. The inventory of facilities shall be maintained, as well as the spreadsheet documenting the date of inspection, facility inspected, the inspector, and any issues identified during the inspection.</p>
<p>O&M procedures (city parking lots) Develop an operation and maintenance program for oil-water separators and catch basins.</p>	<p>Develop and maintain procedures for the operation and maintenance of city owned oil-water separators and catch basins. Routinely inspect oil-water separators, catch basins and conduct annual maintenance of the oil-water separators, annually inspect catch basins and remove debris.</p>	<p>The city will utilize existing maintenance procedures, which includes manufacturer's maintenance procedures, when performing all annual maintenance on city owned oil-water separators. Catch basin maintenance will be performed annually (minimum) but will likely be performed biannually to coincide with rainy seasons (winter and summer).</p>	<p>Oil-water separators shall be inspected and maintained annually. Catch basins shall be conducted annually; however, due to the rainy seasons, it may be conducted biannually to coincide with the following rainy seasons: Winter rain season (November 1 to May 31) Summer rain season (June 1 to October 31).</p>
<p>Reduce trash/floatables (not facility specific) Develop a catch basin maintenance program for trash/floatables reduction pollution prevention.</p>	<p>The city will continue to perform catch basin inspections and clear any trash/debris that may be clogging any grates. The inspections are performed annually (at a minimum) but likely biannually coinciding with the rainy seasons in winter and summer months. Grates will be cleared as necessary during rain events to ensure proper operation of the oil-water separators or catch basins.</p>	<p>The city will continue to perform catch basin inspections and clear any trash/debris that may be clogging any grates. The inspections are performed annually (minimum), but likely biannually coinciding with the rainy seasons in winter and summer months.</p>	<p>There will be, at minimum, one inspection annually. However, inspections will likely be performed twice per year to coincide with the seasons: Winter rain season (November 1 to May 31) Summer rain season (June 1 to October 31)</p>

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<p>Street sweeping (not facility specific) Maintain a street sweeping program</p>	<p>The city will continue with street sweeping activities, with a goal of 20 lane miles of sweeping per month (city streets with curb and gutter, including State Routes 89A and 179 and bike lanes).</p>	<p>The city will continue to contract street sweeping services for city streets with curb and gutter, including State Routes 89A and 179 and bike lanes, and city parking lots and maintenance yard.</p>	<p>Street sweeping services are performed monthly and will continue throughout FY18-19 on a monthly schedule.</p>
<p>SWPPP (not facility specific) Develop a SWPPP for each Capital Improvement Project (CIP)</p>	<p>The city shall continue to require a SWPPP with each Capital Improvement Project (CIP). These shall be inspected biweekly (every other week).</p>	<p>Every Capital Improvement Project (CIP) planned for the next reporting period (FY18-19) is required to contain a SWPPP.</p>	<p>The city shall continue to require a SWPPP with each/every Capital Improvement Project and conduct biweekly (every other week) inspections of the SWPPP covering each CIP.</p>
<p>Training (not facility specific) Provide training for pollution prevention and good housekeeping measures.</p>	<p>Training is to be provided for all city employees who work in the city facilities maintenance yard. Training will include pollution prevention measures and good housekeeping practices, and a review of the Facilities Best Management Practices Manual.</p>	<p>Annual training to be provided for the Public Works Maintenance Supervisor and two maintenance leaders. This training will cover maintenance yard inspections and completing the inspection reports per the Facilities Best Management Practices Manual.</p>	<p>This training is tentatively scheduled for late January but may be conducted at another time if personnel are not available.</p>
<p>Written procedures (not facility specific) Provide training for pollution prevention and good housekeeping measures.</p>	<p>The city will develop written procedures for pollution prevention and good housekeeping measures for city facilities management.</p>	<p>The written procedures covering pollution prevention and good housekeeping have been completed (Facilities Best Practices Manual – June 2017). The city will review the manual for corrections and edits should any discrepancies be found when the procedures in the manual are implemented during the performance of bimonthly (one every two months) inspections.</p>	<p>If any corrections or edits activities are required for the Facilities Best Practices Manual, as noted during review of the manual and reporting of the inspection results, the city will perform an update. Otherwise, no activity is planned.</p>

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J. Receiving Waters and Monitoring (7.0)					
Name of Receiving Water Included in Appendix B	Number of Outfalls	Receiving Water Listed as Impaired, Not-Attaining and/or OAW	Listed Pollutants	TMDL	Analytical Monitoring Conducted this Reporting Year?
Oak Creek	5	Not-Attaining 4a OAW	E. coli	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Receiving Water	How many outfalls will be sampled?	List parameter(s) to be analyzed	Provide a description of selected BMPs and how they will specifically address the pollutant(s) causing the impairments or how the BMPS will be protective of the OAW
Oak Creek	5	E. coli	<p>City will continue to implement and maintain specific BMPs to address this pollutant, including:</p> <ul style="list-style-type: none"> Maintaining existing pet waste stations Quickly acting upon illicit discharges, especially sewer and septic issues Enforce construction site BMPs to minimize the amount of sediment loading in the creek, as sediment loading causes E.coli populations to increase Send letters to septic tank and on-site waste water treatment system owners encouraging them to have their systems inspected and/or maintained to reduce the potential for E.coli impacts <p>Per the city 'Agreement for Contracted Services' with Oak Creek Watershed Council, the city will have:</p> <ul style="list-style-type: none"> Oak Creek Watershed Council perform public education and outreach events that focus on reducing E.coli loading to Oak Creek. The education includes the importance of cleaning up after pets, minimizing erosion and sedimentation from private property, reporting any spills, waste/garbage in drainages, or other issues that can lead to increases in E. coli in Oak Creek. OCWC perform public involvement and participation and plan and organize two drainage cleanup events. These events will involve the public and help clean up tributaries to Oak Creek. <p>Other BMPs that the city will continue (not specific for E. coli, but all pollution) include:</p>



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			<p>Continue to conduct outfall monitoring (dry weather screening/wet-weather visual/wet-weather analytical analytical), to identify any issues with existing BMPs or non-compliance of BMPs.</p> <p>Train city employees (public works, wastewater, inspectors (building and code enforcement) annually to identify and report illicit discharges and assist in enforcing City Ordinances and City Land Development Code.</p> <p>Inspect and maintain tributary signs and curb markers to raise public awareness of residents, visitors, and local businesses, that these drain to Oak Creek.</p> <p>Street and parking lot sweeping to reduce automotive petrochemical wastes from reaching Oak Creek.</p>
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Certification

The annual report must be signed by either a principal executive officer or ranking elected official, or by a duly authorized representative (refer to Permit Part 9.9(a)).

I certify under penalty of law 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 gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature

J. Andy Dickey

Name (printed)

Director of Public Works/City Engineer

Title

Date (mm/dd/yyyy)

09/27/2018