



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: 2016- 2017

LTF Number:	65755	Name of MS4:	City of Yuma		
Primary Contact:	Jeffrey A. Kramer		Title:	City Engineer	
Mailing Address:	155 West 14th Street				
City:	Yuma	Zip Code:	85364	County:	Yuma
Telephone Number:	(928)373-4520	Email Address:	Jeffrey.Kramer@yumaaz.gov		

Non-Traditional MS4 City/County Estimated Population: 100,000

<p>Is another entity responsible for any satisfying any permit requirements (6.4b): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No. If yes, complete the following questions; if no, continue to Section B.</p>	<p>Identify Partnered Entity: None</p>
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<p>Provide a description of permit requirements being implemented by another entity: Not applicable</p>	<p>Type of Legally-binding Agreement:</p>
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B. MAPPING (4.0 and 8.4(b))	
<p>1. Provide a narrative description of the permittee’s mapping progress: Stormwater Sewer Mapping (City of Yuma Stormwater Collection System atlas) (including roads with drainage system municipal streets, catch basins, curbs, gutter, ditches, man-made channels, or storm drains that are owned or operated by the permittee and convey stormwater to Waters of the US. Atlas last updated on July 2015.</p>	
<p>2. Number of outfalls currently mapped: 11 outfalls</p>	<p>3. Outfall mapping: Percentage 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No (4.2).</p> <p>If yes, complete the following:</p> <ul style="list-style-type: none"> a) Total area annexed since last annual report: 26 acres b) Mapping of new area – Percent complete: 100% c) Are BMPs fully implemented in annexed area: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No d) Provide a description of BMP implementation for areas annexed into the regulated MS4 since the last reporting period: Same BMPs implemented in the current SWMP 	

Small Municipal Separate Storm Sewer System Annual Report Form

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.

- 1- Minimum Control Measure (MCM) No. 1: Public Education and Outreach: this MCM has four best management practices (BMPs). All BMPs, except the public announcement on local TV (BMP No. 2 in the original SWMP) had been and are evaluated to be effective and achieving the identified measurable goals set in the SWMP. No BMP was replaced due to ineffectiveness.
- 2- Minimum Control Measure (MCM) No. 2: Public Involvement and Participation: this MCM has four best management practices (BMPs). All BMPs, except holding a public hearing (BMP No. 2 in the original SWMP) had been and are evaluated to be effective and achieving the identified measurable goals set in the SWMP. BMP No. 2 for holding a public hearing has been replaced by the cleanup stormwater collection system at the Priority Area (P.A.)
- 3- Minimum Control Measure (MCM) No. 3: Illicit Discharge Detection and Elimination (IDDE): this MCM has five best management practices (BMPs). All BMPs, had been and are evaluated to be effective and achieving the identified measurable goals set in the SWMP. A new IDDE program is underway and expected to be completed in 2018.
- 4- Minimum Control Measure (MCM) No. 4: Construction Site Runoff Control: this MCM has six best management practices (BMPs). All BMPs, had been and are evaluated to be effective and achieving the identified measurable goals set in the SWMP. A new IDDE program is underway and expected to be completed in 2018.
- 5- Minimum Control Measure (MCM) No. 5: Post-Construction Site Runoff Control: this MCM has five best management practices (BMPs). All BMPs, had been and are evaluated to be effective and achieving the identified measurable goals set in the SWMP. A new IDDE program is underway and expected to be completed in 2018.
- 6- Minimum Control Measure (MCM) No. 6: Good Housekeeping and Pollution Prevention: this MCM has three best management practices (BMPs). All BMPs, had been and are evaluated to be effective and achieving the identified measurable goals set in the SWMP. A new IDDE program is underway and expected to be completed in 2018.
- 7- Additional Control Measure (ACM) No. 1: this measure is developed for the designation of the Colorado River as impaired for selenium and dissolved oxygen. This designation was first initiated by ADEQ in 2008. The ACM No. 1 has five BMPs including the analytical monitoring plan (AMP) for testing stormwater runoff at the River outfalls. The AMP was approved by ADEQ on 6/29/2017.

Small Municipal Separate Storm Sewer System Annual Report Form

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 Table 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)
<i>Brochures Educational Materials about stormwater</i>	<i>Reaching out for full time residents of the City of Yuma over the 5-year program period</i>	<i>Construction site runoff</i>	<i>50,000 of City permanent and seasonal residents</i>	<i>20% annual distribution-10,000 residents per year</i>	<i>Noted decrease in stormwater violations at construction sites with 33%</i>
<i>Brochures</i>	<i>Reaching out for full time residents of the City of Yuma over the 5-year program period</i>	<i>Pollution Prevention</i>	<i>All City residents</i>	<i>20% annual distribution-10,000 residents per year</i>	<i>Noted decrease in stormwater violations at Illicit discharges with 50%</i>
<i>Local PSAs</i>	<i>Inform the general public on stormwater pollution prevention methods and issues via cable television.</i>	<i>IDDE</i>	<i>City residents with access to local TV</i>	<i>15-20% of permanent City residents</i>	<i>Not identified</i>



Small Municipal Separate Storm Sewer System Annual Report Form

<i>Webpage</i>	<i>Provide useful SWMP information to the public via the City of Yuma website</i>	<i>Construction</i>	<i>Local Development Community</i>	<i>Development within City that disturbs one or more acres</i>	<i>Noted decrease in stormwater violations at construction sites with 33%</i>
<i>Article</i>	<i>Produce and print stormwater pollution prevention educational message in local newspaper.</i>	<i>Pollution Prevention</i>	<i>All City residents- English and Spanish speaking</i>	<i>15-20% of permanent City residents</i>	<i>Not identified</i>

D-2. DESCRIPTION OF CHANGES IN IDENTIFIED BMPS OR MEASUREABLE GOALS (8.1.3 and 8.4(I))

Have there been any modifications to BMPS during this reporting period: Yes 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	No		
<input type="checkbox"/> Yes	No		
<input type="checkbox"/> Yes	No		
<input type="checkbox"/> Yes	No		

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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
<i>Same as above</i>			

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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><i>Make the public aware of new ordinances and allow the public to participate in adopting ordinances that affect the implementation of the SWMP.</i></p>	<p><i>Continue compliance with public notice requirements throughout the permit period, documenting public meetings, notices provided and comments or input received, reporting in an annual summary of activities to the State.</i></p>	<p><i>Pollution Prevention</i></p>	<p><i>General public with emphasis on development community</i></p>	<p><i>More than 75%</i></p>	<p><i>All development community in Yuma are aware of stormwater requirements at State and City levels</i></p>
<p><i>Conduct annual stormwater collection system</i></p>	<p><i>Cleanup all stormwater manholes and catch basin with</i></p>	<p><i>Pollution Prevention</i></p>	<p><i>All City residents</i></p>	<p><i>All developers and residents within the Priority Area</i></p>	<p><i>Cleaner stormwater at River outfalls</i></p>

Small Municipal Separate Storm Sewer System Annual Report Form

<i>cleanup program at the Priority Area</i>	<i>hydraulic connection to the River</i>				
<i>Update City Council on stormwater pollution</i>	<i>Make the legislative body of City aware of stormwater compliance and water quality issues</i>	<i>Pollution Prevention</i>	<i>City Council and audience</i>	<i>All city council members</i>	<i>Most city council are aware of stormwater pollution despite some political resistance</i>



Small Municipal Separate Storm Sewer System Annual Report Form

E-2. Description of Changes to BMPs and Measurable Goals (8.1.3 and 8.4(l))			
<p>a) Have there been any modifications to BMPs during this reporting period: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No. If yes, complete Section b, below (Add Rows as Necessary).</p>			
<p>b) <i>Conduct public invitation for cleaning of stormwater collection system</i></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 checked="" type="checkbox"/> Yes	<i>Holding a public hearing on the SWMP after submittal to ADEQ to gather comments.</i>	<i>No response from the public.</i>	<i>Benefit to the whole community in improving water quality and flood control protection</i>
<input type="checkbox"/> Yes			
<input type="checkbox"/> Yes			
<input type="checkbox"/> Yes			

Small Municipal Separate Storm Sewer System Annual Report Form

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
<i>Same as above</i>			

Small Municipal Separate Storm Sewer System Annual Report Form

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)
<i>Implement IDDE Program</i>	<i>Improve existing IDDE regulation to empower the City to take appropriate action to detect and eliminate illicit discharges and to address illegal dumping into the MS4 in a timely manner. Program to be part of the Enforcement Response Plan (ERP) with efficient complaint receipt system</i>	<i>No</i>	<i>December 2018</i>	<i>None</i>	<i>Expected to decrease illicit discharges from industrial facilities covered under the MSGP program by 100% at the Priority Area</i>
<i>Dry Weather Screening</i>	<i>Determining the possible existence of illicit discharges</i>	<i>Yes</i>	<i>May 2004</i>	<i>Industrial facilities with MSGP coverage and</i>	<i>Expected to decrease illicit discharges from industrial facilities covered under the MSGP</i>

Small Municipal Separate Storm Sewer System Annual Report Form

	<i>or illegal dumping activities.</i>			<i>residential areas with historic illicit discharges into the MS4</i>	<i>program by 100% at the Priority Area</i>
<i>Stormwater Sewer Mapping</i>	<i>Develop and maintain stormwater mapping system with outfalls and waters of the US to identify illicit discharges and illegal dumping to the MS4 and waters o the US</i>	<i>Yes</i>	<i>Since 1999 and being updated per CIP projects and City extension</i>	<i>All development community in the City and industrial facilities within the Priority Area</i>	<i>Expected to decrease discharges from construction activities, post-construction activities, developed sites and industrial facilities covered under the MSGP program by 100% at the Priority Area</i>
<i>Analytical Monitoring</i>	<i>Develop water quality monitoring plan to prevent and reduce the introduction of pollutants that deplete dissolved oxygen and exceed selenium</i>	<i>Yes</i>	<i>First half of 2018</i>	<i>All development community in the City and industrial facilities within the Priority Area</i>	<i>Expected to decrease discharges from construction activities, post-construction activities, developed sites and industrial facilities covered under the MSGP program by 100% at the Priority Area</i>



Small Municipal Separate Storm Sewer System Annual Report Form

F-2. DESCRIPTION OF CHANGES IN IDENTIFIED BMPS OR MEASUREABLE GOALS (8.1.3 and 8.4(I))			
BMP modifications: <input type="checkbox"/> Yes <input 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			
<input type="checkbox"/> Yes			
<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
<i>Semi Annual Training of Building Safety, Code Enforcement Staff</i>	<i>April-June 2017</i>	<i>Update on Current City Stormwater Regulations</i>	<i>30</i>

Small Municipal Separate Storm Sewer System Annual Report Form

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?
8/12/2016	Phone Call	Discharging swimming pool water	Residence at 1306 11th Ave, Yuma	2 hours	>1,000 gallons	8/12/2016	No
10/11/2016	Phone Call/Email	Concrete debris and piles of dirt	Park West subdivision at southwest corner of Ave C and 24th Street, Yuma	7 days	Piles of concrete and dirt from construction	10/19/2016	No
2/7/2017	Phone Call/Email	Exposure of MS4 to construction-related pollution	Active construction at the intersection of Ave A and 16th Street, Yuma	7 days	Not applicable	2/16/2017	No
3/28/2017	Email	Exposure of MS4 to construction-related pollution	Evidence of concrete washout	2 days	Less than 2 cubic feet	3/31/2017	No

Small Municipal Separate Storm Sewer System Annual Report Form

4/6/2017	Phone Call	Construction-generated dust	12 th Street and Clip Street, Yuma	2 days	Not applicable	4/9/2017	No
4/13/2017	Phone Call	Exposure of MS4 to construction-related pollution	1 st Ave and 17 th Street, Yuma	3 days	5 cubic feet of concrete debris	4/16/2017	No
5/21/2017	Phone Call	Concrete/construction debris	Southwest corner of Ave C and 24th Street-Park West	5 days	50 cubic feet of construction debris	6/25/2017	No

Small Municipal Separate Storm Sewer System Annual Report Form

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
<i>New IDDE program</i>	<i>Faster program to respond and correct violations to the MS4 from Illicit and illegal dumping</i>	<i>The IDDE program will include visual dry weather monitoring, inventory of industrial facilities with MSGP coverage, follow-up screening, escalated response plan and revision of existing IDDE regulation.</i>	<i>IDDE program will be completed by March 31, 2018</i>
<i>New Enforcement Response Plan</i>	<i>Faster and more efficient implementation of all stormwater regulations</i>	<i>Developing ERP to adequately enforce procedures that satisfy the requirements of this permit to control pollutant discharges into its MS4.</i>	<i>ERP will be in full effect by 09/30/2018</i>

Small Municipal Separate Storm Sewer System Annual Report Form

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)
<i>BMPs Erosion/ Sediment Control</i>	<i>Implementation of erosion control ordinance in plan review, inspection and enforcement</i>	<i>October 2006</i>	<i>Completed on April 2007 with regular updating as needed</i>	<i>Better implementation of erosion control measurments in design, construction and inspection</i>
<i>Written Procedures</i>	<i>Technical guidance materials to assist designers in achieving the goals of erosion control from construction sites</i>	<i>October 2006</i>	<i>Completed on April 2007 with regular updating as needed</i>	<i>Better implementation of erosion control measurments in design, construction and inspection</i>
<i>Written Procedures</i>	<i>Complaint-receipt system for involvement of City staff, public and implementation of erosion control ordinance from construction sites</i>	<i>October 2006</i>	<i>Completed on April 2007 with regular updating as needed</i>	<i>Better implementation of erosion control measurments in design, construction and inspection</i>
<i>Training</i>	<i>Train development community to achieve the goals of erosion control ordinance</i>	<i>October 2006</i>	<i>April 2017</i>	<i>Better implementation of erosion control measurments in design, construction and inspection</i>



Small Municipal Separate Storm Sewer System Annual Report Form

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			
<input type="checkbox"/> Yes			
<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
<i>5</i>	<i>5</i>

G-4. Construction Activity Inspections			
Number of Active Construction Sites	Number of Active Construction Sites Inspected	Number of Re-Inspections	Average Inspection Frequency
<i>7</i>	<i>7</i>	<i>1</i>	<i>14 days</i>
Number of Violation		Number of Enforcement Actions	
<i>None</i>		<i>None</i>	

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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
<i>New Enforcement Response Plan</i>	<i>Faster and more efficient implementation of all stormwater regulations</i>	<i>Developing ERP to adequately enforce procedures that satisfy the requirements of this permit to control pollutant discharges into its MS4.</i>	<i>ERP will be in full effect by 09/30/2018</i>
<i>Review of current construction site runoff control ordinance</i>	<i>Consistency with the ERP</i>	<i>Review existing construction site runoff control ordinance (City Ordinance O2006-38)</i>	<i>By March 31, 2018</i>

Small Municipal Separate Storm Sewer System Annual Report Form

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)
<i>Runoff Control Assessment</i>	<i>Implementation of post-construction site runoff control ordinance in plan review, inspection and enforcement</i>	Yes	<i>City Ordinance No. O2007-78</i>	<i>Better implementation of post-construction control measurments in design, construction and inspection</i>
<i>Runoff Control Assessment</i>	<i>Implementation of post-construction site runoff control ordinance in plan review, inspection and enforcement</i>	Yes	<i>City Ordinance No. O2007-78</i>	<i>Better implementation of post-construction control measurments in design, construction and inspection</i>
<i>Site Plan Reviews</i>	<i>Implementation of post-construction site runoff control ordinance in plan review, inspection and enforcement</i>	Yes	<i>City Ordinance No. O2007-78</i>	<i>Better implementation of post-construction control measurments in design, construction and inspection</i>
<i>Inspections</i>	<i>Implementation of post-construction site runoff control ordinance in plan</i>	Yes	<i>City Ordinance No. O2007-78</i>	<i>Better implementation of post-construction control measurments in design, construction and inspection</i>



Small Municipal Separate Storm Sewer System Annual Report Form

	<i>review, inspection and enforcement</i>			
<i>Inventory</i>	<i>Inventory of industrial facilities in the P.A.</i>	<i>No</i>	<i>SWMP</i>	<i>Prevent unauthorized and polluted discharges from industrial facilities into the MS4</i>

H-3. Description of Changes in 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			
<input type="checkbox"/> Yes			
<input type="checkbox"/> Yes			



Small Municipal Separate Storm Sewer System Annual Report Form

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
Number of Post-Construction Stormwater Control Violations	Number of Post-Construction Stormwater Control Violations Resolved

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
<i>Inventory of industrial facilities in the P.A.</i>	<i>Prevent unauthorized and polluted discharges from industrial facilities into the MS4</i>	<i>Use ADEQ data base to identify industrial facilities with MSGP coverage in the P.A. Assess if such industrial facilities have connection to the MS4 and BMPs to remove pollutants from the MS4</i>	<i>September 30, 2018</i>

Small Municipal Separate Storm Sewer System Annual Report Form

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)
<i>Public Works Fleet Shop</i>	<i>SWPPP</i>	<i>Prevent and reduce stormwater runoff from facility</i>	<i>No discharge from the facility to the MS4 or waters of the United States</i>
<i>Figueroa Waste Water Plant</i>	<i>SWPPP</i>	<i>Prevent and reduce stormwater runoff from facility</i>	<i>No discharge from the facility to the MS4 or waters of the United States</i>
<i>Desert Dunes Water Pollution Control Facility</i>	<i>SWPPP</i>	<i>Prevent and reduce stormwater runoff from facility</i>	<i>No discharge from the facility to the MS4 or waters of the United States</i>
<i>Train City Staff</i>	<i>Training</i>	<i>Train staff to implement BMPs in City-owned industrial facilities</i>	<i>Enhase City implementation of stormwater pollution prevention</i>
<i>PD Kyla Evidence Storage Facility</i>	<i>SWPPP</i>	<i>Prevent and reduce stormwater runoff from facility</i>	<i>No discharge from the facility to the MS4 or waters of the United States</i>

Small Municipal Separate Storm Sewer System Annual Report Form

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			
<input type="checkbox"/> Yes			
<input type="checkbox"/> Yes			

Small Municipal Separate Storm Sewer System Annual Report Form

I-3. Updates to Operation and Maintenance Programs (6.4.6 (a-g))

Evaluate street sweeping practices and schedule to determine effectiveness in addressing public street runoff impacts on stormwater quality in MS4.

Evaluate parks and recreation department maintenance program practices and schedule to increase effectiveness in addressing public stormwater quality in City parks.

Small Municipal Separate Storm Sewer System Annual Report Form

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
<i>Street Sweeping</i>	<i>Prevent and reduce stormwater pollutants from municipal operations</i>	<i>Review street standard maintenance and operation procedure, SOP and other regulations</i>	<i>September 2018</i>
<i>Parks and Recreation</i>	<i>Prevent and reduce stormwater pollutants from parks regular maintenance operations</i>	<i>Review street standard maintenance and operation procedures, SOP and other regulations</i>	<i>September 2018</i>
<i>City industrial facilities: Figueroa, Desert Dunes, Public Works Fleet Shop, Kyla PD Storage and Desert Hills Golf Course Maintenance facility</i>	<i>Prevent and reduce stormwater pollutants from parks regular maintenance operations</i>	<i>Review SWPPPsm standard maintenance and operation procedures, SOP and other regulations</i>	<i>September 2018</i>

Small Municipal Separate Storm Sewer System Annual Report Form

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?
<i>Colorado River</i>	<i>4</i>	<i>Yes</i>	<i>Selenium and Dissolved Oxygen</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No

Small Municipal Separate Storm Sewer System Annual Report Form

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
<i>Colorado River</i>	<i>4</i>	<i>Selenium and Dissolved Oxygen</i>	<ul style="list-style-type: none"> <i>1- BMP No. 1: creation of priority area, P.A that discharge into the impaired segment</i> <i>2- BMP No. 2: stringer plan review and inspection of SWPPPs into the P.A</i> <i>3- BMP No. 3: stringer requirments for post-construction runoff in the P.A.</i> <i>4- BMP No. 4: educational materials to development community and industrial facilities for stormwater pollution</i> <i>5- Implementation of analytical monitoring plan for testing of selenium and D.O. at outfalls.</i>



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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.

November 30, 2017

Signature

Jeffrey A. Kramer, P.E., PWLF, CPM,CJP,CCM
Name (printed)

City Engineer
Title