

**Phase II Municipal Separate Storm Sewer System (MS4)**  
**Annual Report**  
**Cover Page**

**Part I. General Information:**

1. Name of Permittee: **Oklahoma County**
2. Mailing Address: **320 Robert S. Kerr, Suite 101 Oklahoma City, OK 73102-3431**
3. Contact Person: **Ruth Walters**
4. E-Mail Address: **enrutwal@oklahomacounty.org**
5. Telephone Number: **(405) 713-1357**
6. Reporting Period (Month/Year — Month/Year): **Dec. 2005 – Dec. 2006**
7. Authorization # **OKR040016**
8. Have any areas been added to the MS4 due to annexation or other legal means?  
Yes\_\_\_\_ No X
9. Are you subject to the Design Standards contained in Attachment 4 of the General Permit? Yes\_\_\_\_ No X

**Part II. Proposed Changes to BMPs:**

1. Do you plan to add any new BMPs? Yes\_\_\_\_ No X

If yes, please provide a BMP description, measurable goal, and implementation schedule for each new BMP.

**Part III. Certification Statement:**

I certify under penalty of law that this document and all attachments were prepared with direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, 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: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_ Date: \_\_\_\_\_

## **Executive Summary**

### **Stormwater Management Annual Report**

#### **Executive Summary:**

This annual report has been prepared in compliance with the Oklahoma Department of Environmental Quality's permitting requirements for small municipal separate storm sewer systems (MS4s). Oklahoma County has been designated a MS4 based on population in the urbanized areas in the unincorporated portions of Oklahoma County. Under Phase II requirements MS4's must apply for a general permit in order to be authorized to discharge stormwater into "waters of the United States". The permit requires MS4's to develop, implement, and enforce a stormwater management program designed to reduce the discharge of pollutants to the maximum extent practicable. Municipalities, counties, and state entities have five years to achieve complete implementation of the program, but each year they must show incremental progress towards accomplishing that goal. To monitor progress of the stormwater management program, the ODEQ requires all entities to conduct an annual evaluation and submit the results in the form of an annual report. This document has been prepared to satisfy this requirement.

## **Minimum Control Measures**

MCM – 1 **Public Education and Outreach**

MCM – 2 **Public Involvement and Participation**

MCM – 3 **Illicit Discharge Detection and Elimination**

MCM – 4 **Construction Site Storm Water Control**

MCM – 5 **Post-Construction Storm Water Management**

MCM – 6 **Pollution Prevention and Good Housekeeping**

## MCM-1 Public Education and Outreach

### Table of Current BMPs

BMP	Description	Implementation	Measurable Goal	Goal Met
<b>Website:</b> Support of regional stormwater website	Information purposes and site	The site was developed by ACOG and it is supported by Oklahoma County.	Basic information about stormwater management posted. Website address: <a href="http://www.acogok.org/Programs_and_Services/Water_Resources/Storm_Water.asp">http://www.acogok.org/Programs_and_Services/Water_Resources/Storm_Water.asp</a>	<b>YES</b>
<b>Brochure:</b> Water quality impacts from urban stormwater	A brochure created by ACOG it talks about water quality impacts from urban stormwater runoff.	Oklahoma County distributed these brochures with building permits and to other departments.	Our goal was to distribute 50 brochures and 100 were distributed to the public.	<b>YES</b>
<b>Brochure:</b> Household Chemical Disposal options and recycling and re-use benefits.	A brochure created by Oklahoma County in conjunction with COMEA to promote recycling of household hazardous waste.	Oklahoma County distributed these brochures with building permits and to other departments.	Our goal was to distribute 50 brochures and 100 were distributed to the public.	<b>YES</b>
<b>Brochure:</b> Distributed a poster created by DEQ called "Litter Lasts"	A brochure created by DEQ that shows the effects of littering.	Oklahoma County distributed these brochures with building permits and to other departments.	Our goal was to distribute 50 brochures and 100 were distributed to the public.	<b>YES</b>

The table above shows the BMPs for Oklahoma County that were accomplished during this reporting period. We will continue to implement these BMPs in the future.

Oklahoma County has given assistance to ACOG to develop a storm water website within the first year of the permit. Contact information and pertinent storm water information and links will be available on the website within the second year of the permit. The website will be maintained with pertinent information annually. The number of website visits will be used to determine the degree of success of this BMP. Oklahoma County will continue to produce and deliver brochures to be handed out with building permits, through other County offices, and any special events.

## MCM-2 Public Involvement and Participation

### Table of Current BMPs

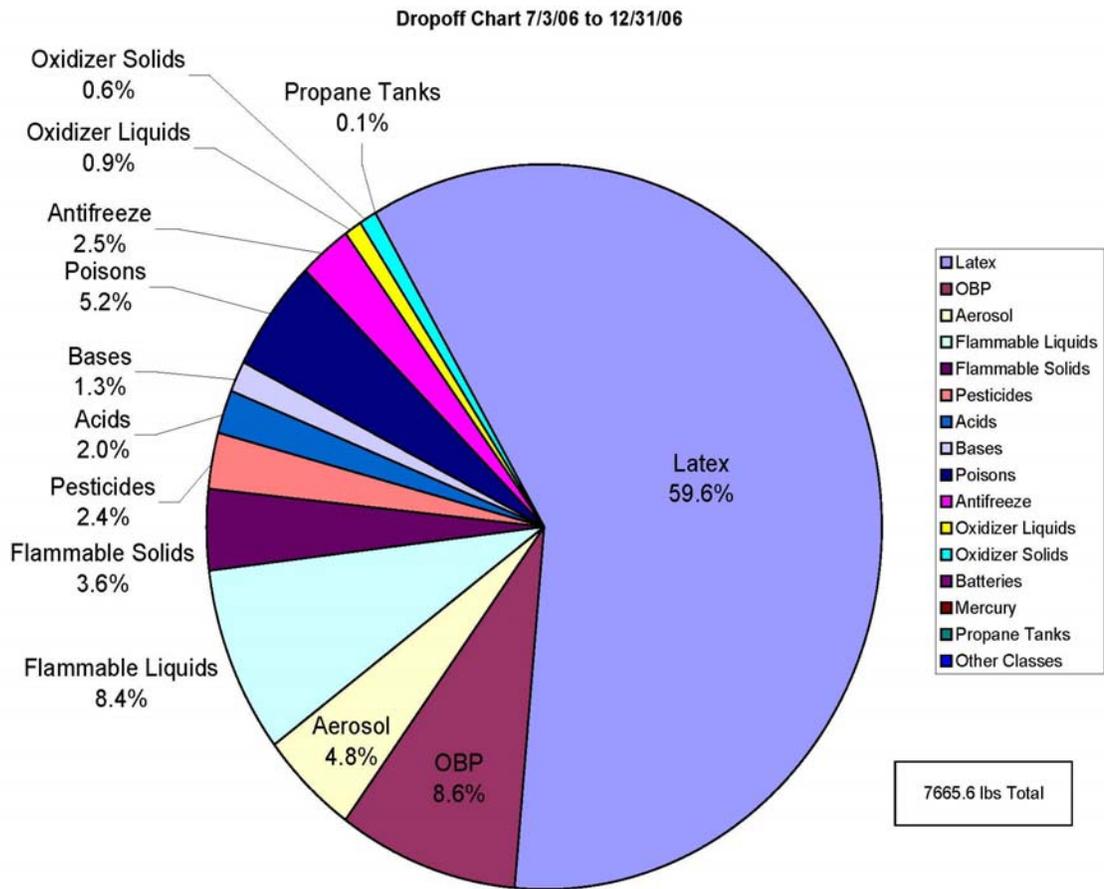
BMP	Description	Implementation	Measurable Goal	Goal Met
<b>Public Meeting:</b> Discuss Phase II program in county commissioners meeting.	Discuss the SWMP with commissioners and get support for the plan.	Discussed the SWMP in a County Commissioners meeting.	No activity to measure.	<b>YES</b>
<b>Public Meeting:</b> Comply with state and local public notice requirements.	Proper notice was posted in advance so the general public could attend and speak about the SWMP.	Proper notice was posted.	No activity to measure.	<b>YES</b>
<b>Pollutant Collection:</b> Promote the use of and support regional household pollutant collection events.	In connection with COMEA and Midwest City we were able to purchase a mobile collection unit and had a collection event.	Collection of household hazardous waste at the mobile unit.	Collection of at least five pounds of household hazardous waste.	<b>YES</b>
<b>Recycling:</b> Promote the use of and support of the recycling and the SWMP.	Mrs. Walters gave a presentation at Rose State College over household hazardous waste and the mobile collection unit.	Gave presentation and a demonstration of the mobile collection unit.	No activity to measure.	<b>YES</b>
<b>Brochure:</b> Household hazardous waste and non-point source pollution.	Created a brochure to help COMEA assist the general public understand household hazardous waste, non-point source pollution and proper disposal of household products.	Creation of the brochure to be handed out at any County or COMEA sponsored event.	Our goal was to distribute 50 brochures and 100 were distributed to the public.	<b>YES</b>

The table above shows the BMPs for Oklahoma County that were accomplished during this reporting period. We will continue to implement these BMPs.

Oklahoma County Planning Department will continue to speak to the Board of County Commissioners about the SWMP during public meetings to give them updates and necessary assistance with the SWMP. Oklahoma County will assist in the establishment of an Annual Household Hazardous Waste Collection event. This BMP will be considered a success if a minimum of one Annual Household Hazardous Waste Collection event is held annually after establishment. The amount and types of household hazardous waste collected will be used to determine the degree of success for

this BMP. Collection of household hazardous waste is a successful BMP by properly disposing of chemicals that traditionally are dumped down sanitary sewer drains and storm drains. This program will be coordinated with the help of COMEA and Midwest City.

Through our continued support of COMEA and the mobile unit collection events from July 3, 2006 through December 31, 2006 there was 7,665 pounds of household hazardous waste was collected. The pie chart shows a breakdown of the materials that were collected from the time table stated above:



There were a total of 388 customers that attended a collection event and a total of 31,045 pounds of hazardous household waste was collected.

## MCM-3 Illicit Discharge Detection and Elimination

### Table of Current BMPs

BMP	Description	Implementation	Measurable Goal	Goal Met
<b>Clean-Up Event:</b> Household Hazardous Waste collection event.	Conduct household hazardous waste collection events annually.	Collection of household hazardous waste with the cooperation of COMEA and Midwest City.	Collection of at least five pounds of household hazardous waste.	<b>YES</b>
<b>Training:</b> Data quality and data management from monitoring.	Data quality and management of data collected from monitoring activities.	Training was received by attending Region 6 Stormwater Conference.	20% of eligible staff attends.	<b>YES</b>
<b>Enforcement:</b> Take action to abate illegal sources.	Research to find out if Oklahoma County can write citations and fine people for illegal dumping.	Title 19 Section 868 in the State Statutes does not specify that Oklahoma County can or can not write citations or fine individuals.	Research was done and Oklahoma Department of Environmental Quality will be the enforcing agency for abatement.	<b>YES</b>

The table above shows the BMPs for Oklahoma County that were accomplished during this reporting period. We will continue to implement these BMPs. The table below represents BMPs for the coming year.

### Table of Future BMPs

BMP	Description	Implementation	Measurable Goal
<b>Mapping:</b> Create a map that show runoff into Harrah Creek.	Oklahoma County will develop a map. Once completed, this map will aid the County in targeting outfalls with dry weather flows and other suspicious discharges for more in-depth inspection and monitoring.	Collection or creation of a Stormwater Map	Completion of a Stormwater Map

## MCM-4 Construction Site Storm Water Control

### Table of BMPs

<b>BMP</b>	<b>Description</b>	<b>Implementation</b>	<b>Measurable Goal</b>	<b>Goal Met</b>
<b>Site Plan Review:</b> Incorporate water quality into pre-construction review of site plans if disturbance is over 1 acre.	Control erosion, stabilize exposed soil, and look at water runoff from site before construction.	This BMP has not been implemented due to the fact that there are no disturbances of 1 acre or more.	Completed forms that aid in evaluating a sight that is over an acre.	<b>NO</b>

The table above shows the BMPs for Oklahoma County that were accomplished during this reporting period. We will continue to implement these BMPs. We are not adding any new BMPs for this MCM at this time for future years.

## MCM-5 Post-Construction Storm Water Management

### Table of BMPs

<b>BMP</b>	<b>Description</b>	<b>Implementation</b>	<b>Measurable Goal</b>	<b>Goal Met</b>
Inspection of Post-Construction sites.	Inspection of post-construction control measures for all subdivisions after construction is completed.	Inspect all new preliminary and finals plats for runoff before and after construction.	Site inspection of all finals plats to ensure effectiveness.	<b>YES</b>

The table above shows the BMPs for Oklahoma County that were accomplished during this reporting period. We will continue to implement these BMPs. We are not adding any new BMPs for this MCM at this time for future years.

## MCM-6 Pollution Prevention and Good Housekeeping

### Table of BMPs

BMP	Description	Implementation	Measurable Goal	Goal Met
<b>Clean-Up Event:</b> Household Hazardous Waste collection event.	Conduct household hazardous waste collection events annually.	Collection of household hazardous waste with the cooperation of COMEA and Midwest City.	Collection of at least five pounds of household hazardous waste.	<b>YES</b>
<b>Enforcement:</b> Take action to abate illegal sources.	Research to find out if Oklahoma County can write citations and fine people for illegal dumping.	Title 19 Section 868 in the State Statutes does not specify that Oklahoma County can or can not write citations or fine individuals.	Research was done and Oklahoma Department of Environmental Quality will be the enforcing agency for abatement.	<b>YES</b>

The table above shows the BMPs for Oklahoma County that were accomplished during this reporting period. We will continue to implement these BMPs. The table below represents BMPs for the coming year.

### Table of Future BMPs

BMP	Description	Implementation	Measurable Goal
<b>Mapping:</b> Create a map that show runoff into Harrah Creek.	Oklahoma County will develop a map. Once completed, this map will aid the County in targeting outfalls with dry weather flows and other suspicious discharges for more in-depth inspection and monitoring.	Collection or creation of a Stormwater Map	Completion of a Stormwater Map
<b>Training:</b> Storage and disposal of chemicals at county operations.	Training for District yard operations and disposal of chemicals at those locations.	Training of various techniques to dispose of hazardous chemicals.	Implementation of training into everyday practice.
<b>Training:</b> Water quality impacts and regulations	Training for District yard operations.	Educating yard employees about water pollution prevention	Implementation of training into everyday practice.

<b>Training:</b> Stormwater and county activities	Develop and implement stormwater regulations.	Discover possible avenues to improve current county regulations.	Implementation of training into everyday practice.
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### Future BMPs for 2007

Oklahoma County will continue to evaluate, develop, and implement the Phase II Stormwater Management Plan for Oklahoma County. The County currently requires a stormwater drainage plan for all subdivision plats, industrial sites, and commercial sites. In addition, the County requires erosion control measures for all subdivision plats; staff inspects the erosion control measures to ensure that they were installed properly and are adequate. Future BMP's will include a stormwater management review fee (if allowed by state statutes) and a stormwater management application form.

### Table of Future BMPs for 2007

<b>BMP ACTIVITY</b>	<b>SCHEDULE</b>	<b>MEASURABLE GOAL</b>
<b>Brochure:</b> <i>Continue distribution of educational materials</i>	<b>DECEMBER 2007:</b> Will evaluate the BMP to see if we achieved our goal	50 of each brochure type distributed
<b>Training:</b> <i>Continue attending regional training</i>	<b>DECEMBER 2007:</b> Will evaluate the BMP to see if we achieved our goal	20% of eligible staff and crew attend
<b>Mapping:</b> <i>Regional and Local MS4 system maps</i>	<b>JANUARY 2007:</b> Create a map that displays the County's urbanized area that we inspect	Will obtain necessary data to make a GIS map and will produce those maps as needed to other entities and in house
<b>Training:</b> <i>Storage and disposal of chemicals at county operations</i>	<b>JULY 2007:</b> Initial training of staff	100% of eligible staff and crew attend
<b>Training:</b> <i>Water quality impacts and regulations</i>	<b>JULY 2007:</b> Initial training of staff	100% of eligible staff and crew attend
<b>Training:</b> <i>Stormwater and county activities</i>	<b>JULY 2007:</b> Initial training of staff	100% of eligible staff and crew attend
<b>Dry Weather Screening:</b> <i>Survey 50% of the storm drain outfalls</i>	<b>DECEMBER 2007:</b> Will evaluate the BMP to see if we achieved our goal	Review 100% complete
<b>Public Information receipt:</b> <i>Review usefulness of public information process and update, if needed</i>	<b>OCTOBER 2007:</b> Implement changes to process	Review 100% complete
<b>Site Plan Review:</b> <i>Review process and amend process for including water quality consideration in site plan reviews</i>	<b>NOVEMBER 2007:</b> Implement changes to process	Review 100% complete
<b>Recycling:</b> <i>Promote use of and support regional recycling centers</i>	<b>DECEMBER 2007:</b> Will evaluate the BMP to see if we achieved our goal	To collect 5 lbs. of waste.