

**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. 2006 – Dec. 2007**
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.	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 that discusses water quality impacts from urban stormwater runoff.	Oklahoma County has brochures on display and available to the public.	Our goal was to distribute 50 brochures.	<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 has brochure on display and available to the public.	Our goal was to distribute 50 brochures.	<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 continues to support the ACOG storm water website. Contact information and pertinent storm water information and links will be available on the website within the third year of the permit. The website will be maintained with pertinent information annually. 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

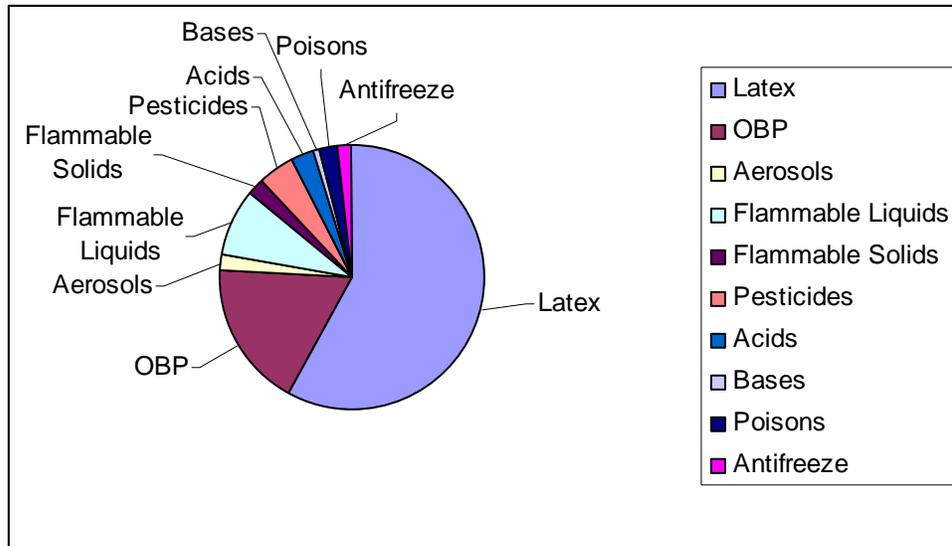
### Table of Current BMPs

BMP	Description	Implementation	Measurable Goal	Goal Met
<b>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.	Continued support of the COMEA facility and mobile unit.	The County is, and continues to be, a member of COMEA.	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.	Distribution of COMEA Household Hazardous Waste Recycling, Reuse, and Facility Brochure.	Distributed 50 brochures to public and is on display for 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 Annual Household Hazardous Waste Collection events, through COMEA, for various member communities. 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 December 2006 through December 2007 there was 63,764 pounds of household hazardous waste was collected, with a total of 623 customers from various member cities. The pie chart shows a breakdown of the materials that were collected from the time table stated above:



There was one Mobile Collection event in Choctaw during the above referenced time frame.

### 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> Water quality and regulations.	Water quality and effective regulations to promote better water quality.	Training was received by attending the Stream Team Conference and ASFPM Annual Conference.	20% of eligible staff attends.	<b>YES</b>
<b>Enforcement:</b> Take action to abate illegal sources.	Receive complaints and information from citizens and county crews concerning possible stormwater violations.	Report possible violations of over 5 acres to ODEQ.	Continue monitoring violation until resolution.	<b>YES</b>

The table on the previous page, 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 shows 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

BMP	Description	Implementation	Measurable Goal	Goal Met
<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 between 1 and 5 acres. All sites greater than 5 acres are required to submit erosion control and drainage plans.	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.	Conduct inspections based upon current construction.	Inspect all new preliminary and final plats for runoff before and after construction.	Site inspection of all final plats to ensure effectiveness.	<b>YES</b>
Conduct inspections based upon incident reports and observations made by County crew and the public.	Daily or as needed, conduct inspections and correct sources.	Inspect all incidents as reported.	Compile first year's number of incidents.	<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.	Receive complaints and information from citizens and county crews concerning possible stormwater violations.	Report possible violations of over 5 acres to ODEQ.	Continue monitoring violation until resolution.	<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.

## Future BMPs for 2008

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 2008

<b>BMP ACTIVITY</b>	<b>SCHEDULE</b>	<b>MEASURABLE GOAL</b>
<b>Brochure:</b> <i>Continue distribution of educational materials</i>	Throughout the year.	50 of each brochure type distributed
<b>Training:</b> <i>Continue attending regional training</i>	Continue to attend seminars and conferences.	20% of eligible staff and crew attend
<b>Mapping:</b> <i>Regional and Local MS4 system maps</i>	<b>JANUARY 2008:</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 2008:</b> <i>Initial training of staff</i>	100% of eligible staff and crew
<b>Training:</b> <i>Water quality impacts and regulations</i>	<b>JULY 2008:</b> <i>Initial training of staff</i>	100% of eligible staff and crew
<b>Training:</b> <i>Stormwater and county activities</i>	<b>JULY 2008:</b> <i>Initial training of staff</i>	100% of eligible staff and crew attend
<b>Public Information receipt:</b> <i>Review usefulness of public information process and update, if needed</i>	<b>OCTOBER 2008:</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 2008:</b> Implement changes to process	Review 100% complete
<b>Recycling:</b> <i>Promote use of and support regional recycling centers</i>	Daily	Materials Recycled