



City of Norman

MS4 Phase II Annual Report

Reporting Period 11/29/05 to 11/28/06



**Phase II Small Municipal Separate Storm Sewer
System (MS4) General Permit (OKR04)
Authorization No. OKR040015**



**City of Norman MS4 Phase II Annual Report
Year 1; Reporting Period 11/29/05 to 11/28/06**

**Phase II Small Municipal Separate Storm Sewer System (MS4) General Permit (OKR04)
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Section 1. Compliance Status

1.1 BMPs

The original BMPs as submitted to ODEQ in the permitting process are deemed by the City of Norman to be appropriate and effective during the reporting period. Evaluation of the BMPs will be on-going, and if any are found to be no longer effective or appropriate, the BMP will be amended, deleted and/or replaced. An assessment of the current BMPs is presented in the tables in Section 1.2.

1.2 MCM Measurable Goals

Progress in achieving the measurable goals for each BMP of the six Minimum Control Measures are presented in the following tables.

Public Education MCM				
BMP	Goal	Implementation Date/Implemented?	Appropriate	Proposed Changes
Distribute informational brochure with utility bills	one brochure to 50% of all households	December, 2005 - Yes	Yes	No
Add storm water pollution prevention information to city web site	Information posted	December, 2005 - Yes	Yes	No
Volunteer storm drain marking program	20 storm drains marked	December, 2005 - Yes	Yes	No
Establish complaint "hotline"	Receive and respond to 50% of legitimate complaints	July, 2006 - Yes	Yes	No
Blue Ribbon Week public event	Coordinate with Pre-Treatment Section for one event annually	July, 2006 - Yes	Yes	No
Educational materials for schools	Supply material to 2 elementary schools	July, 2007	Yes	No
Newspaper Ads	2 ads in local paper with water quality, pollution prevention or watershed protection information	July, 2007	Yes	No
Yard Care/Landscaping Fact Sheet	Distribute to 50% of target businesses	July, 2008	Yes	No
Auto Service/Salvage Fact Sheet	Distribute to 50% of target businesses	July, 2009	Yes	No

Section 1. Compliance Status

Public Involvement MCM				
BMP	Goal	Implementation Date/Implemented	Appropriate	Proposed Changes
Establish web site link for receipt of email regarding storm water issues	Respond to 25% of all legitimate emails	December, 2005 - Yes	Yes	No
Volunteer storm drain marking program	20 storm drains marked	December, 2005 - Yes	Yes	No
Establish complaint "hotline"	Receive and respond to 50% of legitimate complaints	December, 2005 - Yes	Yes	No
Public meeting for storm water issues	Hold one public meeting	July, 2007	Yes	No
Blue Ribbon Week public event	Coordinate with Pre-Treatment Section for one event annually	July, 2007	Yes	No
Blue Thumb Partnership	Establish working relationship with Blue Thumb for public events	July, 2008	Yes	No

Illicit Discharge Detection and Elimination MCM				
BMP	Goal	Implementation Date/Implemented	Appropriate	Proposed Changes
Ordinance Draft	Draft and adopt ordinance regulating discharges to MS4	Draft December, 2005 Adopt July, 2006.- Yes	Yes	No
Ordinance Draft	Draft and adopt ordinance regulating erosion control	Draft December, 2005 Adopt July, 2006.- Yes	Yes	No
Establish complaint "hotline"	Receive and respond to 50% of legitimate complaints	July, 2006 - Yes	Yes	No
MS4 screening/sampling	Monitor water quality	July, 2007	Yes	No
MS4 mapping	Complete map of MS4	July, 2007 25% complete July, 2008 50% complete July, 2009 75%complete	Yes	No
MS4 Survey/Inspection	50% of illicit connection removed	July, 2008	Yes	No
Dry Weather Field Screening	25% of outfalls screened/inspected each year	January, 2006	Yes	No

Section 1. Compliance Status

Construction Site Runoff Control MCM				
BMP	Goal	Implementation Date/Implemented	Appropriate	Proposed Changes
Ordinance Draft	Draft and adopt ordinance regulating discharges from construction sites	Draft December, 2005 Adopt July, 2006.- Yes	Yes	No
Ordinance Draft	Draft and adopt ordinance regulating erosion control	Draft December, 2005 Adopt July, 2006.- Yes	Yes	No
Permitting/Site Plan Review	Permit 75% of all earth disturbing operations over 1 acre in size	July, 2006 - Yes	Yes	No
Construction site inspection	Inspect 75% of sites within 30 days of permit issuance	July, 2006 - Yes	Yes	No
Workshop for construction/development	Hold one workshop for developers, construction crews, utility contractors and engineering companies	July, 2008	Yes	No
Workshop for home builders	Hold one workshop for home builders	July, 2009	Yes	No

Post-construction Site Runoff from New/Redevelopment				
BMP	Goal	Implementation Date/Implemented	Appropriate	Proposed Changes
Ordinance Draft	Draft and adopt ordinance regulating post-construction runoff	Draft July 2006 Adopt November, 2006 - Yes	Yes	No
BMP study	Develop a list of structural and non-structural BMPs suitable for post-construction runoff control	December, 2005 initiate December 2006 complete - In Progress	Yes	No
Storm water impoundment inspection	Inspect 50% of storm water impoundments	July, 2007	Yes	No
Post-construction storm water runoff workshop for construction/development	Hold one workshop for developers, construction crews, utility contractors and engineering companies	July, 2008	Yes	No
Post-construction storm water runoff workshop for home builders	Hold one workshop for home builders	July, 2009	Yes	No

Section 1. Compliance Status

Municipal Good-Housekeeping MCM				
BMP	Goal	Implementation Date/Implemented	Appropriate	Proposed Changes
City operations inventory/inspection	Inventory city operations for possible impacts on storm water pollution. Inspect 50% of sites identified as potential storm water pollution sources each year	December, 2005 initiate inventory July, 2006 complete inventory Begin inspections October, 2006 - In Progress	Yes	No
Develop employee training program	Provide one training session for 50% of targeted employees	July, 2006 - Yes	Yes	No
Emergency response spill kits	Provide spill containment kits to 25% of emergency response vehicles	July, 2007	Yes	No
Develop BMPs for city maintenance operations	Develop list of BMPs for road, channel and utility maintenance and operations	July, 2008 develop July, 2009 implement	Yes	No
Develop BMPs for city maintenance operations	Develop list of BMPs for mowing, landscaping and parks maintenance operations	July, 2008 develop July, 2009 implement	Yes	No

Section 1. Compliance Status

1.3 Pollutant Reduction

The City of Norman believes that BMPs currently implemented and those to be implemented in future permit years will demonstrate progress toward reduction in the discharge of pollutants. MS4 screening and sampling will be implemented in July, 2007 of the next reporting period to provide data to document trends in pollutant levels in discharges from the City of Norman MS4.

Section 2. Information/Activities

2.1 Past Reporting Cycle

Construction Sites Permitted in Last Reporting Cycle

The City of Norman permitted nineteen (19) construction sites of one acre or larger in the last reporting period. All known construction sites of one acre or larger were permitted and inspected within thirty days as required by the Construction Site Runoff Control MCM.

<i>DATE</i>	<i>P. NO.</i>	<i>LOCATION</i>	<i>APPLICANT</i>
1/27/2006	93-06	TRAILWOODS SEC 2	SILVER STAR CONST
2/8/2006	123-06	COUNTRY INNS & SUITES	HOSPITALITY BUILDERS
2/15/2006	141-06	BOB MOORE	TIMBERLAKE CONSTRUCTION
2/22/2006	170-06	NORTHHAVEN CHURCH ADDITION	LANDMARK FINE HOMES
3/7/2006	200-06	NORMAN FIRE STATION 2	GAIL ARMSTRONG CONSTRUCTION
3/8/2006	201-06	BIOCIDE / VENTURE DR	CMS WILLOWBROOKE
3/29/2006	248-06	CRYSTAL CLEAN CAR WASH	DAVID CLARK
5/17/2006	403-06	NORMAN SIGN CO. RESEARCH PK	BRENT COOK
5/19/2006	422-06	QUAIL CREEK #4	JOHN MERTENS
6/23/2006	501-06	PARK HILL	SILVER STAR CONST
7/11/2006	554-06	SONIC 156YTH & HWY 9	TERRY CHILDRESS
7/12/2006	555-06	CROSSEPOINT CHURCH 24TH&HWY9	SILVER STAR CONST
7/17/2006	565-06	TECUMSEH RD BUS PARK	GAIL ARMSTRONG CONSTRUCTION
8/10/2006	631-06	NRH 36TH AVE NW & TECUMSEH	FLINTCO
8/11/2006	636-06	CARRIGTON SEC 6	SILVER STAR CONST
8/24/2006	663-06	TECUMSEH MEADOWS SEC 2	SILVER STAR CONST
10/4/2006	728-06	HILTON GARDEN INN	CLEVELAND HOSPITALITY
10/10/2006	746-06	CARRIGTON SEC 7	BEST HOMES/FIRST OKLA CONST
10/27/2006	783-06	WYNDHAM PLACE @ ANATOLE	CONTRAX LTD

Section 2. Information/Activities

Complaints

The City of Norman received ten (10) citizen complaints in the reporting period, either directly from the citizen complainant or by referral from other City staff and Council members. All complaints received an initial investigation to determine the legitimacy of the complaint and whether the complaint is in the jurisdiction of the storm water program. Complaints not regulated by the storm water program are referred to the appropriate department and/or State agency.

Received	Response	Resolved
10	10	10*

* one referred to Legal for mediation

MS4 Screening/Sampling

No qualitative or quantitative data was obtained from MS4 screening/sampling in the last reporting period. MS4 water quality monitoring is scheduled to begin in July, 2007.

Section 2. Information/Activities

2.2 Next Reporting Cycle

The following table presents a summary of activities for the next reporting period.

BMP	Activity	Implementation Date
Public meeting for storm water issues	Hold one public meeting	July, 2007
Blue Ribbon Week public event	Coordinate with Pre-Treatment Section for one event annually	July, 2007
Educational materials for schools	Supply material to 2 elementary schools	July, 2007
Newspaper Ads	2 ads in local paper with water quality, pollution prevention or watershed protection information	July, 2007
MS4 screening/sampling	Monitor water quality	July, 2007
MS4 mapping	Map 25% of MS4	July, 2007
Storm water impoundment inspection	Inspect 50% of storm water impoundments	July, 2007
Emergency response spill kits	Provide spill containment kits to 25% of emergency response vehicles	July, 2007

2.3 Proposed Changes

No changes are proposed to the SWMP, BMPs or measurable goals in the next reporting period.

Section 3. TMDLs

3.1 TMDL Compliance

The City of Norman MS4 does not discharge to any receiving for which a TMDL has been established.

Section 4. Optional Permit Coverage

All City construction projects active in the reporting period were either under control of a contractor/construction site operator, and/or less than one acre of disturbed area. All construction site operators performing earth disturbing activities within the boundary of the City of Norman are informed that they must comply with all federal, state and local regulations related to erosion control and storm water runoff.

4.1 Active Projects

None in reported period

4.2 Started Projects

None in reported period

4.3 Completed Projects

None in reported period

Section 5. Summary/Permittee Information

5.1 Permittee Information

Permittee	City of Norman, Oklahoma
Address	201 A West Gray
City/State/Zip	Norman, OK 73069
Contact	Storm Water Pollution Control Specialist
Contact Phone	(405) 366-5265
Authorization No.	OKR040015
Authorization Date	November 29 th , 2005

5.2 Summary

This annual report is submitted as required by the Oklahoma Department of Environmental Quality Water Quality Division General Permit OKR04, Part V.C, Annual Reports. As part of those requirements, the City of Norman has conducted an assessment of permit compliance, including an assessment of the appropriateness of BMPs, progress toward the statutory goal of reducing the discharge of pollutants, and achieving measurable goals for each minimum control measure.

The City's assessment indicates that it is in compliance with permit requirements. Minimum Control Measure goals are being met, and significant progress has been made for MCMs dealing with construction site runoff control, illicit discharge detection and elimination, and public education. Ordinances to regulate erosion control and storm water pollution have been drafted and adopted. Funding and record-keeping were identified as areas for particular emphasis in the next reporting period.

Additionally, the City of Norman is in the planning stage for a comprehensive Storm Water Master Plan (SWMP) which will directly support the Phase II Program. The SWMP will establish the foundation for an integrated approach to city-wide erosion, stream stabilization, bio-engineering, flood control, water quality management, Phase II requirements, financing and low-impact development.