City of Norman
MS4 Phase II Annual Report
Reporting Period 11/29/06 to 11/28/07

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

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Year 2; Reporting Period 11/29/06 to 11/28/07

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Contents

Section 1. Compliance Status 2
1.1 BMPs 2
1.2 MCM Measurable Goals 2
1.3 Pollutant Reduction 6

Section 2. Information/Activities 7
2.1 Past Reporting Cycle 7
2.2 Next Reporting Cycle 9
2.3 Proposed Changes 9

Section 3. TMDLs 10
3.1 TMDL Compliance 10

Section 4. Optional Permit Coverage 11
4.1 Active Projects 11
4.2 Started Projects 11
4.3 Completed Projects 11

Section 5. Summary/Permittee Information 12
5.1 Permittee Information 12
5.2 Summary 12

Attachment "A" Supporting Documentation for MCMs

Attachment "B" Storm Water Master Plan Summary

Attachment "C" Sample Results

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 this 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. Supporting documentation for each MCM is attached.

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** **20 drains marked**	Yes	No
Establish complaint "hotline"	Receive and respond to 50% of legitimate complaints	July, 2006 – **Yes** **6 received** **6 response**	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**	Yes	No
Newspaper Ads	2 ads in local paper with water quality, pollution prevention or watershed protection information	July, 2007 - **Yes**	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** **22 drains marked**	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**	Yes	No
Blue Ribbon Week public event	Coordinate with Pre-Treatment Section for one event annually	July, 2007 **Yes**	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**	Yes	No
MS4 mapping	Complete map of MS4	July, 2007 25% complete **Yes** 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 - **Yes**	Yes	No
Storm water impoundment inspection	Inspect 50% of storm water impoundments	July, 2007 **Yes**	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 - **Yes**	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**	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

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 was implemented in 2007. Information from this sampling will over time develop a picture of the water quality in receiving waters of the MS4 and any trends in that water quality.

2.1 Past Reporting Cycle

Construction Sites Permitted in Last Reporting Cycle

The City of Norman permitted eighteen (18) 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.

DATE	P. NO.	LOCATION	APPLICANT
1/4/2007	05-07	JONATHAN FOWLER ADDITION	CLARK CONSTRUCTION
1/31/2007	38-07	MARRIOTT/COMFORT INN	CHAMPION HOTELS
3/1/2007	76-07	FROST CREEK	FROST CREEK LLC
3/1/2007	77-07	GREENWAY PARK	PAR MAR LLC
3/7/2007	87-07	EMBASSY SUITES HOTEL	FLINTCO
3/8/2007	92-07	MARC HEITZ	MARC HEITZ
3/13/2007	100-07	TOP OF THE WORLD CAPS	TOP
3/20/2007	116-07	UNIVERSITY NORTH PARK SEC 2&3	SILVER STAR CONST
4/3/2007	140-07	RIEGER 2006 ADDITION	SILVER STAR CONST
4/30/2007	198-07	CARRINGTON PLACE SEC 8	SILVER STAR CONST
5/30/2007	263-07	BROAD ACRES SEC. 2	SILVER STAR CONST
7/2/2007	332-07	TED'S CAFÉ ESCONDIDO	TRADITIONAL DEV. GROUP
8/1/2007	398-07	5601 HUETTNER, L & L	LISCHLEA HOLDON
8/15/2007	424-07	EAGLE CLIFF ADD SEC 14	SILVER STAR CONST
8/15/2007	426-07	DEERFIELD #6	SILVER STAR CONST
10/10/2007	522-07	WALL ST/TEE ST	GARY HOPKINS
10/10/2007	523-07	Siena Springs I (Lindsey and 24TH)	J. MERTENS CONST
10/15/2007	534-07	OLD TOWNE LOFTS	CHAMPION DEVELOPMENT GRP

Complaints

The City of Norman received six (6) citizen complaints in the reporting period, either directly from the citizen complainant, through the City Action Center Hot Line 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
6	**6**	**6**

MS4 Screening/Sampling

Sampling of the MS4 was performed in 2007. Results of the sampling are presented in Attachment "C".

2.2 Next Reporting Cycle

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

BMP	Activity	Implementation Date
Yard Care/Landscaping Fact Sheet	Distribute to 50% of target businesses	July, 2008
Blue Thumb Partnership	Establish working relationship with Blue Thumb for public events	July, 2008
MS4 Survey/Inspection	50% of illicit connection removed	July, 2008
Workshop for construction/development	Hold one workshop for developers, construction crews, utility contractors and engineering companies	July, 2008
Post-construction storm water runoff workshop for construction/development	Hold one workshop for developers, construction crews, utility contractors and engineering companies	July, 2008
MS4 mapping	50% of MS4 map completed	July, 2008
Develop BMPs for city maintenance operations	Develop list of BMPs for road, channel and utility maintenance and operations	July, 2008 develop July, 2009 implement
Develop BMPs for city maintenance operations	Develop list of BMPs for mowing, landscaping and parks maintenance operations	July, 2008 develop July, 2009 implement

2.3 Proposed Changes

The City of Norman has contracted with PBS&J Engineering to develop a watershed specific Storm Water Master Plan. In addition to traditional drainage issues, the Plan will address water quality issues in local watersheds, greenbelt/trails and riparian corridor planning, Phase II/City of Norman MS4 permitting, development regulations and development of funding mechanisms for a storm water utility fee. The Executive Summary for the Plan is presented as Attachment “B”.

Implementation of the Plan will likely result in changes to the City of Norman Storm Water Pollution Prevention and Management Plan after its completion in late 2008.

3.1 TMDL Compliance

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

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

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 29th, 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. Additionally, in 2008, the City of Norman will complete 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.

Funding and record-keeping were identified as areas for particular emphasis in the past reporting period, and remain so for the next reporting period. Part of the scope for the SWMP is to recommend a funding mechanism for a storm water utility which will support the Phase II Program. It is anticipated that an election will be held in early 2009 for adoption of the utility. Also, storm water program management software is planned for purchase in FY09 (beginning July1, 200) which will improve record-keeping and reporting.

Attachment "A"

Supporting Documentation for MCMs

Public Education MCM

Attachment "A"

Supporting Documentation for MCMs

Public Involvement MCM

Attachment "A"

Supporting Documentation for MCMs

Illicit Discharge MCM

Attachment "A"

Supporting Documentation for MCMs

Construction Site Runoff MCM

Attachment "A"

Supporting Documentation for MCMs

Post-Construction MCM

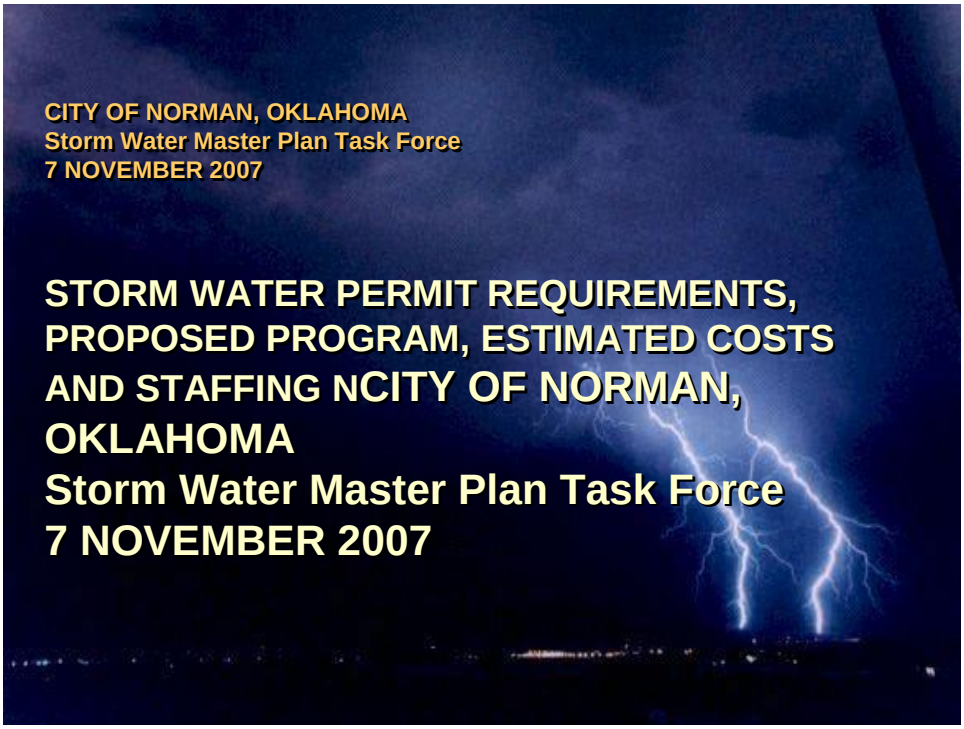
Attachment "A"

Supporting Documentation for MCMs

Municipal Good Housekeeping MCM

Attachment "B"

Storm Water Master Plan Summary



Attachment “C”

Sample Results