City of Norman
MS4 Phase II Annual Report
Year 5; Reporting Period 11/29/09 to 11/28/10

Phase II Small Municipal Separate Storm Sewer System (MS4) General Permit (OKR04)
Authorization No. OKR040015
January 7th, 2011

City of Norman MS4 Phase II Annual Report
Year 5; Reporting Period 11/29/09 to 11/28/10

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Section 1. Compliance Status

1.1 BMPs

The City of Norman considers the original BMPs as submitted to ODEQ in the permitting process 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. All existing BMPs will be evaluated for possible continuance in the next permit period.

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 is presented in the following tables. Supporting documentation for each MCM is attached.

Public Education MCM

BMP	Goal	Frequency/ Implemented	Comments
Distribute informational brochure with utility bills	one brochure to 50% of all households	Annual	SWPPP brochure sent in utility bill to 35,000 households, November 2010
Add storm water pollution prevention information to city web site	Information posted	Annual Review	Information added/updated GreenNorman.org website launched
Volunteer storm drain marking program	20 storm drains marked	Annual	20 drains marked at City facilities
Establish complaint "hotline"	Receive and respond to 50% of legitimate complaints	Annual	Received and responded to 61 complaints
Public event for environmental education (Earth Day)	Coordinate with Pre-Treatment Section for one event annually	Annual	Event held April 18, 2010
Educational materials for schools	Supply material to 2 elementary schools	Annual – 2 schools per year	100 pencil case kits with PP message to Jefferson Elem., and Truman Elem.
Newspaper Ads	2 ads in local paper with water quality, pollution prevention or watershed protection information	Annual	Four print ads in Norman Transcript
Yard Care/Landscaping Fact Sheet	Distribute to 50% of target businesses	Year 4	Twelve (12) brochures sent to local landscape/lawn care businesses, Feb., 2009 and Sept. 2010
Auto Service/Salvage Fact Sheet	Distribute to 50% of target businesses	Year 5	45 Brochures mailed to local auto service/salvage businesses, May, 2010

Section 1. Compliance Status

Public Involvement MCM

BMP	Goal	Frequency/ Implemented	Comments
Establish web site link for receipt of email regarding storm water issues	Respond to 25% of all legitimate emails	Annual/December, 2005	Received and responded to four (4) citizen inquiries in permit year.
Volunteer storm drain marking program	20 storm drains marked	Annual	20 drains marked at City facilities
Establish complaint "hotline"	Receive and respond to 50% of legitimate complaints	Annual	Received and responded to 61complaints
Public meeting for storm water issues	Hold one public meeting	July, 2007	Two public meetings held in 2010 for discussion of storm water issues.
Public event for environmental education (Earth Day)	Coordinate with Environmental Services Section for one event annually	Annual	Event held April 18, 2010
Blue Thumb Partnership	Establish working relationship with Blue Thumb for public events	On-going	Blue Thumb training held November 8, 2010

Illicit Discharge Detection and Elimination MCM

BMP	Goal	Frequency/ Implemented	Comments
Ordinance Draft	Draft and adopt ordinance regulating discharges to MS4	Ordinance drafted December, 2005 Adopted July, 2006.	Ordinance reviewed 2010, Amendments pending
Ordinance Draft	Draft and adopt ordinance regulating erosion control	Ordinance drafted December, 2005 Adopted July, 2006	Ordinance reviewed 2010, Amendments pending
Establish complaint "hotline"	Receive and respond to 50% of legitimate complaints	Annual	Received and responded to 61 complaints
MS4 screening/sampling	Monitor water quality	July, 2007	Sampling in response to Bishop Creek TMDL 2009 & 2010
MS4 mapping	Complete map of MS4	July, 2007 25% of MS4 mapped each year.	MS4 map completed by GIS Division
MS4 Survey/Inspection	50% of illicit connections removed	July, 2008	One illicit connection removed in permit year.
Dry Weather Field Screening	25% of outfalls screened/inspected each year	Annual	Approximately 200 outfalls to primary channel identified by GIS Survey of primary channel completed in 2008

Section 1. Compliance Status

Construction Site Runoff MCM

BMP	Goal	Frequency/ Implemented	Comments
Ordinance Draft	Draft and adopt ordinance regulating discharges from construction sites	Ordinance drafted December, 2005 Adopted July, 2006	Ordinance reviewed 2010, Amendments pending
Ordinance Draft	Draft and adopt ordinance regulating erosion control	Ordinance drafted December, 2005 Adopted July, 2006	Ordinance reviewed 2010, Amendments pending
Permitting/Site Plan Review	Permit 75% of all earth disturbing operations over 1 acre in size	Annual	11 of 11 known sites permitted
Construction site inspection	Inspect 75% of sites within 30 days of permit issuance	Annual	156 Total Inspections/ 30 sites
Workshop for construction/development	Hold one workshop for developers, construction crews, utility contractors and engineering companies	July, 2008	Workshop held April 2008
Workshop for home builders	Hold one workshop for home builders	July, 2009	COSWA Workshop – October, 2009, NBA presentation – November, 2009

Post-construction Site Runoff from New/Redevelopment

BMP	Goal	Frequency/ Implemented	Comments
Ordinance Draft	Draft and adopt ordinance regulating post-construction runoff	Ordinance drafted July 2006; Adopted November, 2006	Currently reviewing/drafting ordinance as part of Storm Water Master Plan implementation
BMP study	Develop a list of structural and non-structural BMPs suitable for post-construction runoff control	December 2006	List to be revised and updated as part of Storm Water Master Plan implementation
Storm water impoundment inspection	Inspect 50% of storm water impoundments	July, 2007	All impoundments inventoried
Post-construction storm water runoff workshop for construction/development	Hold one workshop for developers, construction crews, utility contractors and engineering companies	July, 2008	Workshop held April 2008
Post-construction storm water runoff workshop for home builders	Hold one workshop for home builders	July, 2009	Held November 2009 for Norman Builders Assoc.

Section 1. Compliance Status

Municipal Good Housekeeping MCM

BMP	Goal	Frequency/ Implemented	Comments
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	July, 2006 Annual	Sanitation container storage, Animal Shelter, Line Maintenance facilities inspected New inventory of City buildings performed
Develop employee training program	Provide one training session for 50% of targeted employees	Annual	38 employees trained in four sessions
Emergency response spill kits	Provide spill containment kits to 25% of emergency response vehicles	July, 2007	20 spill kits provided to Fleet and Streets (40 total) in 2009
Develop BMPs for city maintenance operations	Develop list of BMPs for road, channel and utility maintenance and operations	July, 2008 develop July, 2009 implement	List being revised and updated as part of Master Storm Water Study BMPs for vehicle refueling implemented
Develop BMPs for city maintenance operations	Develop list of BMPs for mowing, landscaping and parks maintenance operations	July, 2008 develop July, 2009 implement	List being revised and updated as part of Master Storm Water Study BMPs for vehicle refueling implemented

1.3 Pollutant Reduction

The City of Norman believes that BMPs currently implemented have resulted in a reduction in the discharge of pollutants to the storm sewer system. Pollutant recovery/reduction activities are shown below.

The effectiveness and efficiency of all current Best Management Practices (BMPs) will be considered in the development of the Minimum Control Measure BMPs for the next five-year permit term.

Street Sweeping

Street sweeping operations by the City recovered 4,403 tons of material during the permit year.

Storm Drain Inlet Cleaning

4,487 inlet cleanings were done during the permit year.

Hazardous Waste Collection Event

- 11,250 pounds of used oil collected
- 2,252 pounds of used antifreeze collected
- 63,594 pounds of paint collected

Spills

Approximately 5 gallons of waste motor oil and 10 gallons of diesel fuel were recovered during response operations to 2 spills in the permit year.

2.1 Past Reporting Cycle

Construction Sites Permitted in Last Reporting Cycle

The City of Norman permitted eleven (11) construction sites of one acre or larger in the last reporting period.

Construction Site Inspection Overview

(Information in this report is for the dates listed below)

Start Date: 11/29/2009 End Date: 11/28/2010

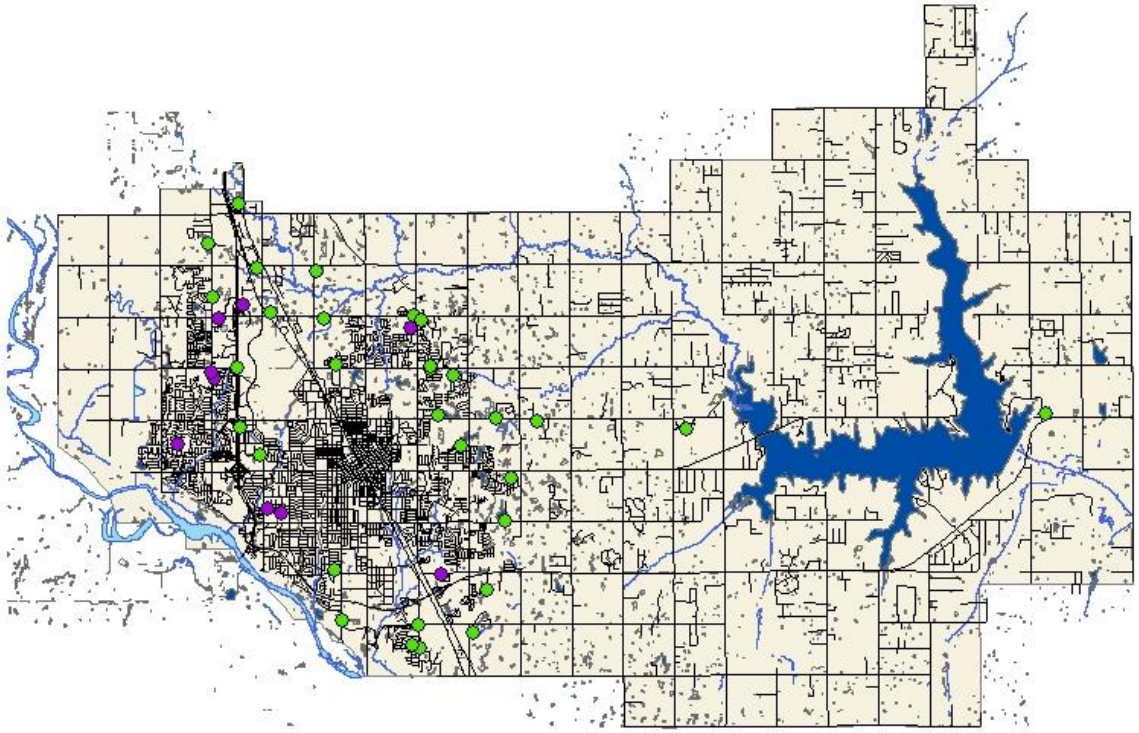
New sites started during reporting period:	11
Continuing sites during reporting period:	29
Closed sites during reporting period:	38
Total number of open sites during the reporting period:	40

Summary of inspection results during reporting period:

Sites inspected during reporting period:	30
Percentage of sites inspected:	75%
Total number of inspections performed:	156
Number of sites with enforcement actions:	2
Total number of enforcement actions:	2
Inspections resulting in a violation:	29
Percentage of inspections with violations:	19%
Total time expended performing inspections:	39 Hours
Reported cost of inspections performed*:	$ 755.04

** Inspection costs are only calculated for inspections performed by inspectors who have their hourly rates entered into the system. Consequently, the total cost may be higher than the cost noted.*

City of Norman Construction Sites



Legend

- Open Construction Sites 09-10
- Closed Construction Sites 09-10

Enforcement

The City of Norman issued 5 NOVs and 1 Citation for non-compliance in the permit year.

Notice of Violation(s) Issued	Citations Issued
6	**1**

Complaints

The City of Norman received sixty-one (61) 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.

A summary of all complaints is presented in Appendix B.

Received	Response	Resolved
61	**61**	**61**

Spills

The City of Norman responded to 2 spill incidents in the permit year.

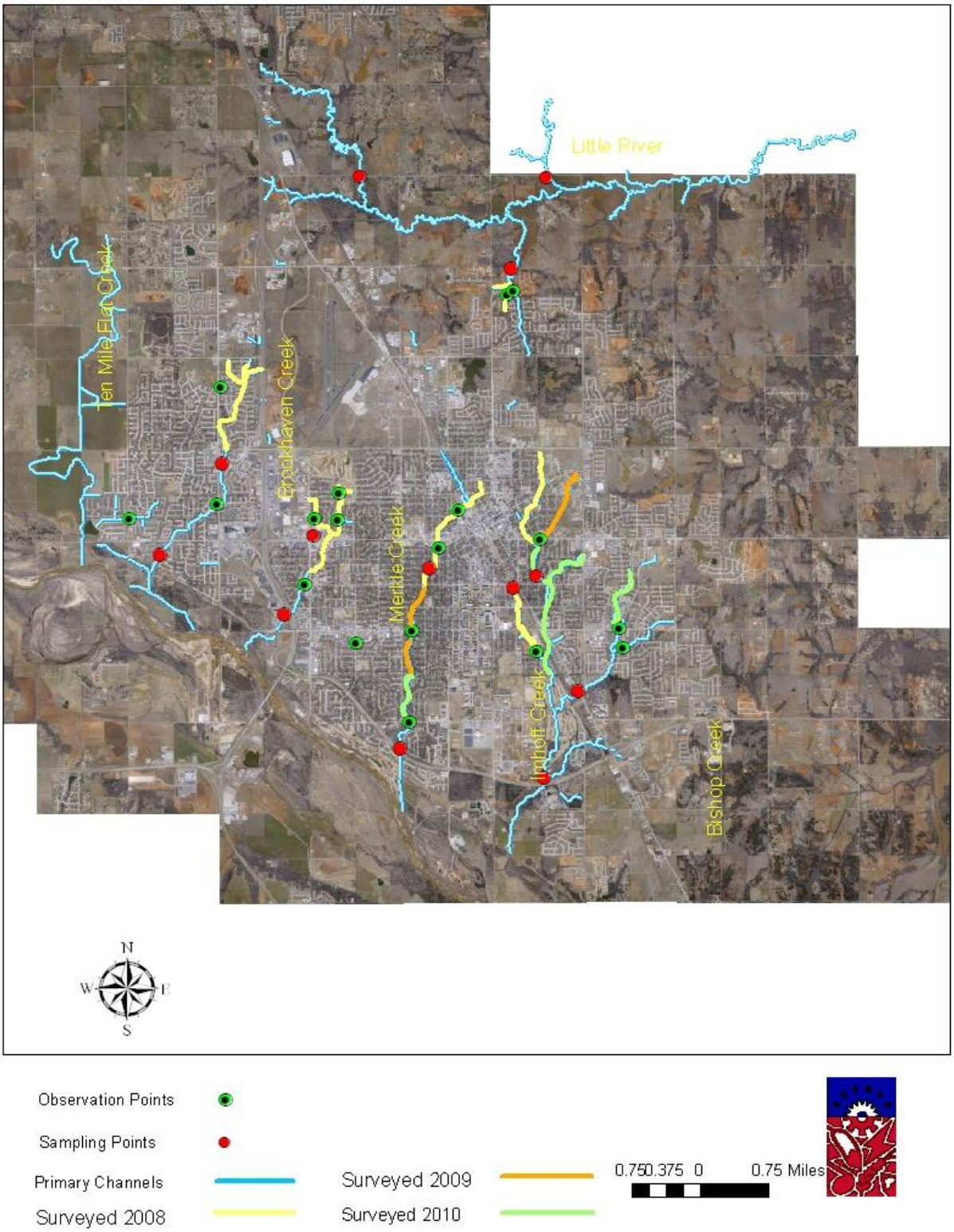
Date	Location/Event
04/02/10	I35@Huettner/Vehicle Accident-Diesel Spill
07/01/10	1742 W. Lindsey, Salvation Army Store/Waste Oil Spill

MS4 Screening/Sampling

A walking survey of the primary channels was completed in 2007 to identify potential illicit discharges. We are currently re-surveying our primary drainage channels to identify outfalls greater than 12 inches diameter as well as illicit discharges and record coordinates for the identified points in a GIS database. Sampling and routine visual screening points will also be identified.

Sampling of the MS4 was performed at twelve (12) sites on six urban streams; Brookhaven Creek, Merkle Creek, Imhoff Creek, Bishop Creek, Woodcrest Creek and Little River. Additional points were added in 2008 for visual/dry weather screening. These sites are presented in the map on the following page.

City of Norman MS4 Sampling and Visual Screening Points



2.2 Next Reporting Cycle

The City of Norman is currently reviewing BMPs to develop new Minimum Control Measure measurable goals for the next five-year permit term. Recurring BMPs will be continued pending issuance of the new ODEQ Permit OKR04.

Recurring Activities

BMP	Activity	Frequency
Distribute informational brochure with utility bills	one brochure to 50% of all households	Annual
Add storm water pollution prevention information to city web site	Information posted	Annual Review
Volunteer storm drain marking program	20 storm drains marked	Annual
Establish complaint "hotline"	Receive and respond to 50% of legitimate complaints	Annual
Public event for environmental education (Blue Ribbon Week)	Coordinate with Pre-Treatment Section for one event annually	Annual
Educational materials for schools	Supply material to 2 elementary schools	Annual – 2 schools per year
Newspaper Ads	2 ads in local paper with water quality, pollution prevention or watershed protection information	Annual
MS4 sampling/survey	Monitor water quality/Remove illicit connections	Annual
Permitting/Site plan review	Permit 75% of sites	Annual
Construction site inspection	Inspect 75% of sites	Annual
Storm water impoundment inspection	Inspect 50% of impoundments	Annual
City facility storm water inspections	Inspect 50% of identified facilities	Annual
Develop employee training program	One session for targeted employees	Annual

2.3 Proposed Changes

The City of Norman has contracted with PBS&J Engineering to develop a watershed specific Storm Water Master Plan. The final draft report is due in December 2008. Portions of the Plan were adopted by Council in November 2009 and a Storm Water Master Plan Implementation Team was organized in December 2009. 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. A draft stream buffer ordinance has been developed as recommended in the Plan and will likely be adopted in 2011.

Dry-weather water quality sampling of urban streams will be discontinued in the next permit term. Adequate baseline water quality data has been collected from sampling in the past five years. Sampling efforts considered for the next permit term may include additional bacteria sampling for Bishop Creek in response to the TMDL and wet-weather event sampling.

3.1 TMDL Compliance

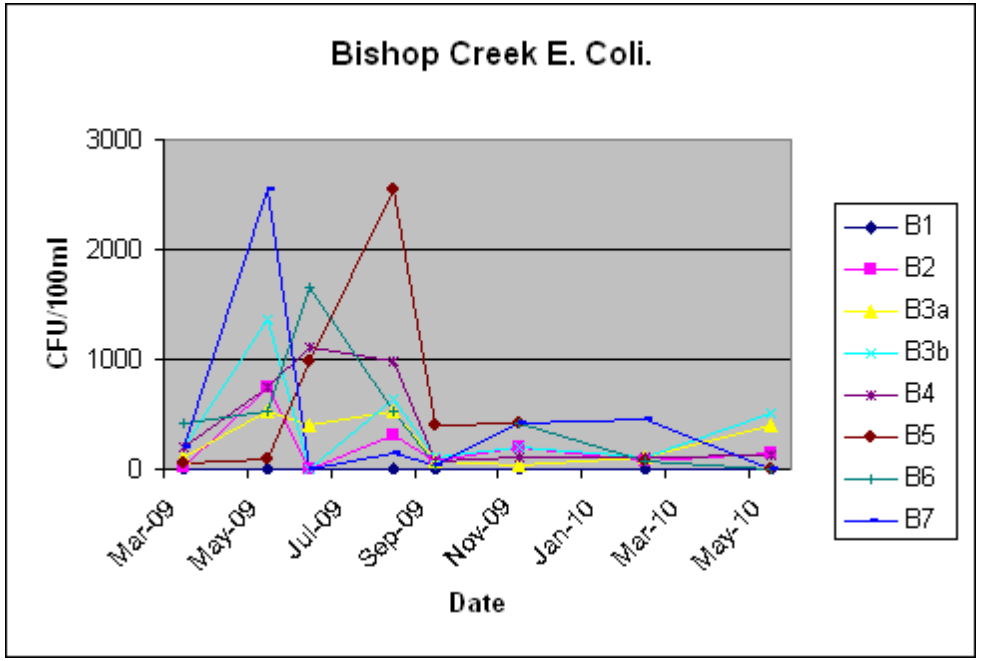
A Bacteria TMDL Study for the Canadian River area including Bishop Creek in Norman, Oklahoma was completed in August of 2008. The study found that Bishop Creek was impaired due to levels of fecal coliform bacteria, which exceeded Oklahoma Water Quality Standards.

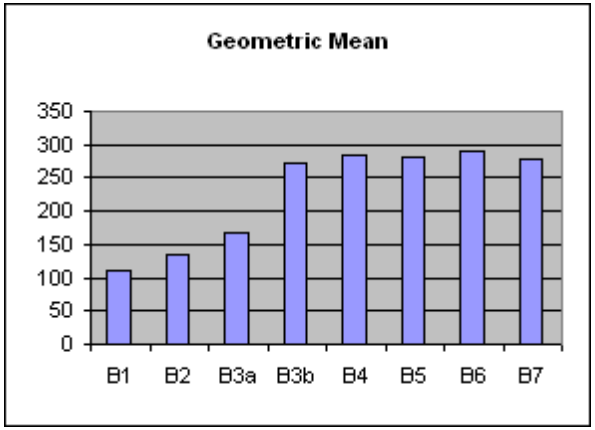
The City of Norman Storm Water Section continued to collect samples from Bishop Creek in 2010 to gather additional data on the extent and degree of bacteria levels in the watershed. The Storm Water Section is also working with a University of Oklahoma graduate student on a project to determine the source of bacteria contamination in Bishop Creek. After data collection and review, and completion of the project, existing BMPs will be evaluated to determine if they are appropriate to reduce the bacteria levels.

Sample results for Bishop Creek bacteria sampling are presented on the following page.

	3/23/2009	5/28/2009	6/29/2009	8/13/2009	9/29/2009	11/4/2009	2/25/2010	5/26/2010	8/17/2010	11/3/2010	
											Geometric Mean
B1	56	420	640	50	53	100	53	200	43	99	111.28802
B2	25	750	(outlier)3440*	310	78	200	70	144	420	99	136.07059
B3a	118	530	406	530	70	32	118	406	100	130	166.5652
B3b	200	1370	(outlier)42000*	640	109	200	109	504	530	254	273.29746
B4	200	750	1110	990	78	118	101	130	200	504	285.13441
B5	50	100	990	2540	400	420	64	(outlier)11100*	2220	1370	280.07571
B6	420	530	1652	530	32	420	66	(outlier)7500*	(outlier)12980*	56	290.09238
B7	200	2540	(outlier)16520*	144	34	420	453	2	420	83	279.15287

* Any data point greater than two standard deviations from the mean is rejected as an outlier.





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

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) 292-9721
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 effort continues for MCMs dealing with construction site runoff control, illicit discharge detection and elimination, and public education. Currently, a streamside water quality buffer ordinance is in development, which will protect and improve water quality in the Little River and Lake Thunderbird watersheds. This buffer ordinance should be adopted in late 2011. In 2009, the City of Norman adopted portions of the Storm Water Master Plan (SWMP), which will directly support the Phase II Program. The SWMP will establish the foundation for an integrated approach to citywide erosion, stream stabilization, bioengineering, flood control, water quality management, Phase II requirements, financing and low-impact development.

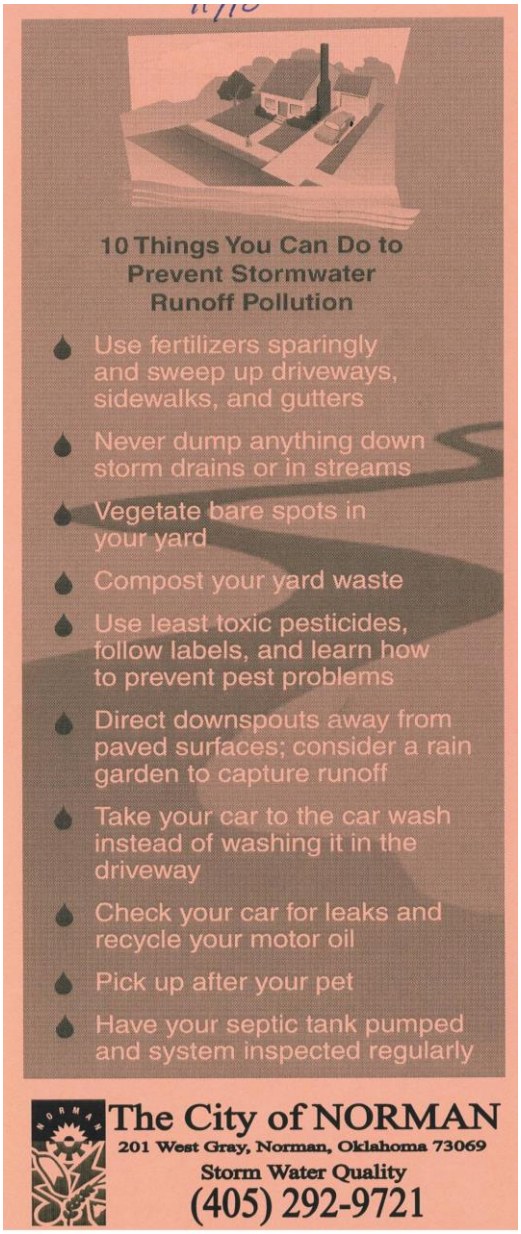
The City of Norman has made significant progress in establishing its MS4 storm water program in the first five-year permit term. We look forward to issuance of the next iteration of OKR04 and the opportunity for further improvement.

Attachment "A"

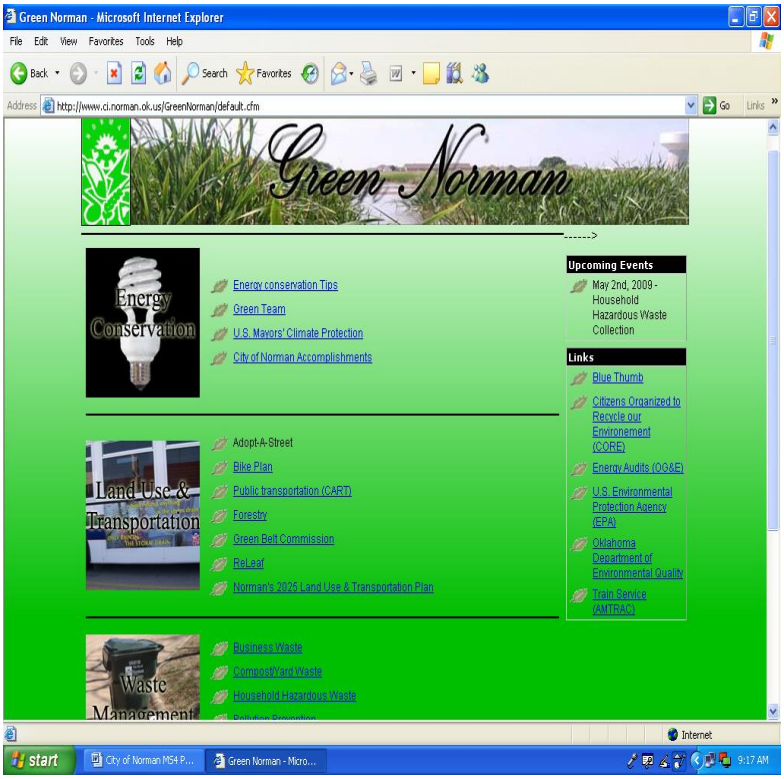
Supporting Documentation for MCMs

PUBLIC EDUCATION MCM

Utility bill mailer 11/10

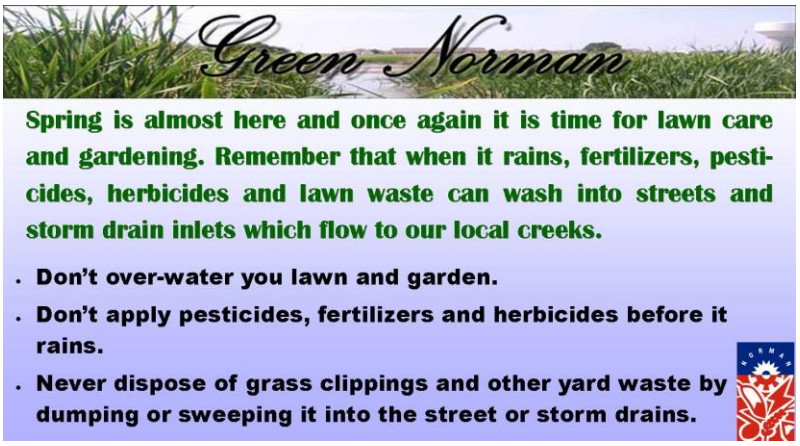


GreenNorman – Environmental Information Website



School kits with environmental Info.

Public information ads in Norman Transcript

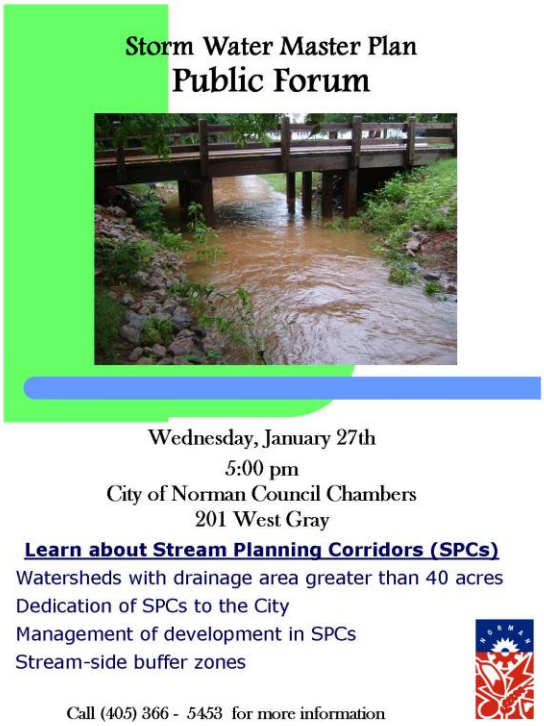


Supporting Documentation for MCMs

PUBLIC INVOLVEMENT MCM

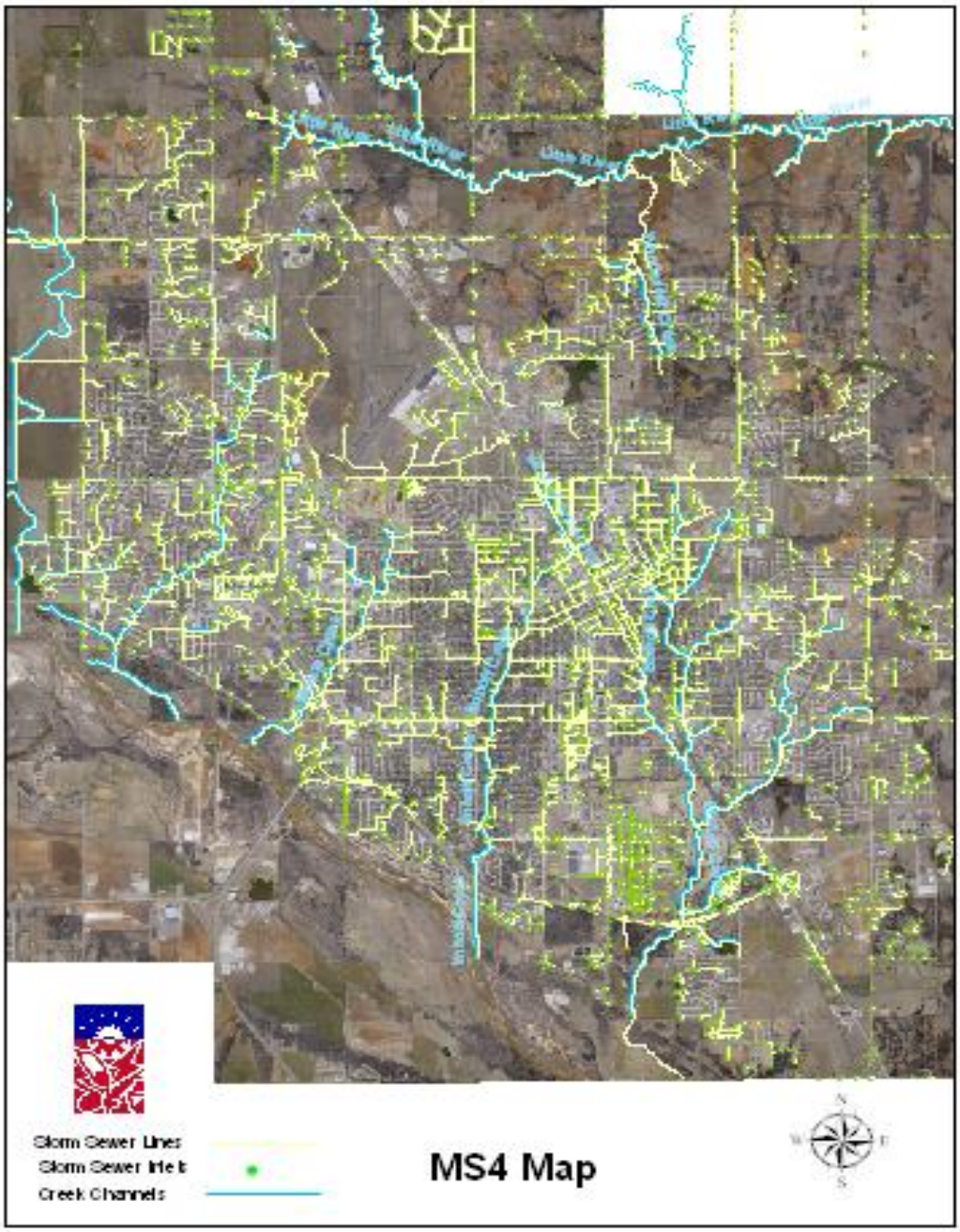
Kid's For Kindness/Earth Day, April 2010

Storm Water Master Plan Public Forum, January 2010



Supporting Documentation for MCMs

ILLICIT DISCHARGE MCM



Supporting Documentation for MCMs

CONSTRUCTION SITE RUNOFF MCM

CITY OF NORMAN
STORM WATER QUALITY
EARTH CHANGE PERMIT APPLICATION

Note: Please print or type all data.

PROJECT INFORMATION

NAME OF PROJECT:_____

ADDRESS:_____

DISTURBED AREA (ACRES):_____ LATITUDE:_____ LONGITUDE:_____

PROPOSED START DATE:_____ PROPOSED END DATE:_____

LOCATION OF STORM WATER POLLUTION PREVENT PLAN (SWP3): [ ] ONSITE [ ] OFFSITE [ ] N/A

ADDRESS (IF LOCATED OFFSITE):_____

APPLICANT/OWNER/OPERATOR

NAME (PRINTED):_____ COMPANY:_____

ADDRESS:_____ CITY:_____ STATE:_____ ZIP:_____

PHONE:_____ FAX:_____ CELL:_____

GENERAL CONTRACTOR

[ ] CHECK IF SAME AS APPLICANT

NAME (PRINTED):_____ COMPANY:_____

ADDRESS:_____ CITY:_____ STATE:_____ ZIP:_____

PHONE:_____ FAX:_____ CELL:_____

ENGINEER/DESIGNER

NAME (PRINTED):_____ COMPANY:_____

ADDRESS:_____ CITY:_____ STATE:_____ ZIP:_____

PHONE:_____ FAX:_____ CELL:_____

SIGNATURE:_____ DATE:_____

FOR OFFICE USE

PERMIT#:_____ WARD:_____ FEE:_____

WATERSHED: SUB-WATERSHED:

APPROVED BY:_____ DATE:_____

SUBMITTALLS

[ ] NOI

[ ] SWP3

[ ] ECP

December 22, 2010

City of Norman
Storm Water Quality

CONSTRUCTION SITE INSPECTION REPORT

Site Name: Address:

Date: Time: Inspection Type: ☐ Initial ☐ Routine ☐ Other

Last Inspection Date: Weather: Last Rain Date: Quantity:

Current Construction Phase: ☐ Clearing/Site Preparation ☐ Mass Grading/Utility Work ☐ Building/Final Grading ☐ Final Stabilization

Inspection Checklist	Good / None	Violation	N/A	**Comments/Recommendations** about the overall effectiveness of the erosion and sediment control measures. **Note**: For each item checked "Violation", refer to the follow-up information on page 2.
DEQ Permit Posted	☐	☐	☐	
SW3P Location Noted	☐	☐	☐	
BMPs Properly Installed as Per ECP	☐	☐	☐	
Silt Fence / Perimeter Controls	☐	☐	☐	
Inlet Protection	☐	☐	☐	
Construction Entrance	☐	☐	☐	
Offsite Tracking	☐	☐	☐	
Dust Control	☐	☐	☐	
Outlet Protection	☐	☐	☐	
Unauthorized Discharge	☐	☐	☐	
Offsite Sediment	☐	☐	☐	
Solid Waste Management	☐	☐	☐	
Concrete Washout Area	☐	☐	☐	
Check Dams	☐	☐	☐	
Fuel Storage Area	☐	☐	☐	
Pollutants Management	☐	☐	☐	
Completed Areas Stabilized	☐	☐	☐	
Bare Areas >14 Days Stabilized	☐	☐	☐	
Portable Toilet	☐	☐	☐	
Overall Site	☐	☐	☐	

Inspectors Name: Date:

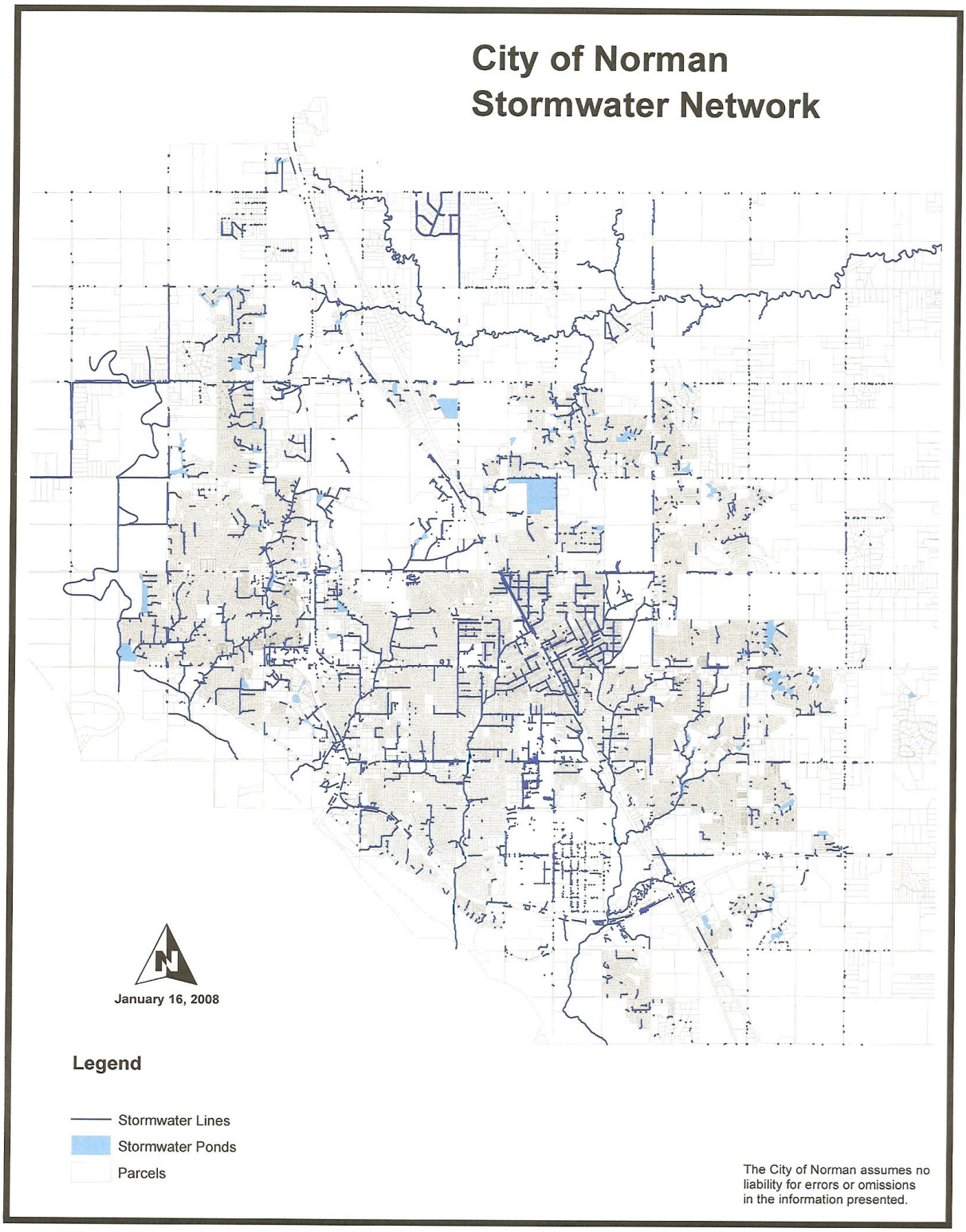
Supporting Documentation for MCMs

POST-CONSTRUCTION MCM

§ 2. THAT, Section 22:429.6 shall be added as follows:

SEC. 429.6 – WP, WATERSHED PROTECTION DISTRICT

1. Description and Purpose. The Watershed Protection District encompasses areas through which water drains into the Lake Thunderbird watershed, thus affecting the water supply derived from City wells and Lake Thunderbird. The City of Norman adopts a goal of nondegradation which maintains or improves the quality of water entering the various waterways in Norman and ultimately ending in Lake Thunderbird. Pollution prevention will be assured by requiring best management practices and development restrictions, where appropriate. Land uses which could adversely affect the water supply are generally prohibited, unless acceptable alternate methods are used that can be shown to substantially reduce or eliminate their negative affect on the water supply, thereby preventing the risk of contaminants in the surface water and ground water within the Lake Thunderbird watershed, and reducing the risks to the public health.


City of Norman
Stormwater Network
January 16, 2008
Legend
Stormwater Lines
Stormwater Ponds
Parcels
The City of Norman assumes no liability for errors or omissions in the information presented.

Supporting Documentation for MCMs

MUNICIPAL GOOD HOUSEKEEPING MCM

Employee Training

Topic Erosion Control **Number of attendees** 15

Departments/Divisions Represented Fleet Maintenance

Topic Plan Review and Inspection **Number of attendees** 5

Departments/Divisions Represented Engineering, Code Compliance, Storm Water

Topic Turbidity Sampling/ELGs **Number of attendees** 8

Departments/Divisions Represented Engineering, Storm Water, Utilities

Topic Riparian Ecosystems/Storm Water **Number of attendees** 10

Department/Divisions Represented Engineering, Planning, Storm Water, Utilities

Monthly Employee Newsletter

Lawn Care Tips included 4/10

Illicit Discharge information included 8/10

Appendix "B"

Summary of All Calls Sorted by Date

Date Received	Location	Complainant	Routed To	Category	Status
12/8/2009	3303 Ness Circle	Anon.	Anthony Mackey	Erosion	CLOSED
12/21/2009	615 Highland Parkway	Unknown	Aaron Milligan	Discharge	CLOSED
1/13/2010	Hallbrooke	Anon.	Anthony Mackey	Erosion	CLOSED
1/13/2010	1795 156thSE	Anon.	Aaron Milligan	Drainage	CLOSED
1/15/2010	Bald Eagle	Anon.	Aaron Milligan	Debris / Dumping	CLOSED
1/15/2010	The Links	Anon.	Anthony Mackey	Erosion	CLOSED
1/15/2010	The Links	Mark Montgomery	Aaron Milligan	Erosion	CLOSED
1/19/2010	406 Rosewood	Parkman	Aaron Milligan	Erosion	CLOSED
1/20/2010	Pimlico	Anon.	Anthony Mackey	Erosion	CLOSED
1/20/2010	615 Highland Parkway	Jack Taylor	Aaron Milligan	Discharge	CLOSED
1/27/2010	1113 Robinhood Lane	David Dary	Anthony Mackey	Discharge	CLOSED
2/4/2010	Eastwood Park	Lyntha Wesner	Aaron Milligan	Debris / Dumping	CLOSED
2/8/2010	412 Atterberry	Anon.	Aaron Milligan	Discharge	CLOSED
2/22/2010	164th & Peebly	Unknown	Aaron Milligan	Discharge	CLOSED
2/23/2010	412 Baron	Norman Gray	Aaron Milligan	Discharge	CLOSED
2/24/2010	12th Ave. NE & Rock Creek	Anon.	Anthony Mackey	Erosion	CLOSED
2/24/2010	Greenleaf Trails	Sue	Anthony Mackey	Erosion	CLOSED
2/25/2010	Rock Creek Road @ 12th NE	Anon.	Anthony Mackey	Erosion	CLOSED
3/5/2010	200 West Hayes	Barksdale	Aaron Milligan	Drainage	CLOSED
3/8/2010	4300 NW 48th	Gene McKown	Anthony Mackey	Erosion	CLOSED
3/9/2010	The Links	Unknown	Aaron Milligan	Erosion	CLOSED
3/11/2010	409 Nebraska	Joe Lain	Aaron Milligan	Drainage	CLOSED
3/23/2010	955 N. Interstate Dr.	Lance Sanders	Anthony Mackey	Erosion	CLOSED
3/23/2010	1707 Avondale	Unknown	Aaron Milligan	Spill	CLOSED
4/6/2010	1712 Parkridge	Kelsey Voytovich	Bob Hanger	Debris / Dumping	CLOSED
4/13/2010	2001 West Lindsey	Rick Dowell	Aaron Milligan	Erosion	CLOSED
4/13/2010	24th NE & Franklin	Anon.	Anthony Mackey	Discharge	CLOSED
4/14/2010	Alameda Park Sec. 3	Anon.	Anthony Mackey	Erosion	CLOSED
4/22/2010	746 Asp	Keith Allen	Aaron Milligan	Discharge	CLOSED
4/23/2010	630 East Main	Evan Taylor	Aaron Milligan	Drainage	CLOSED
4/27/2010	2609 Hollywood	Unknown	Aaron Milligan	Drainage	CLOSED
4/29/2010	512 Goshawk	Anon.	Aaron Milligan	Discharge	CLOSED
4/29/2010	Cedar Lane Rd.	Anon.	Anthony Mackey	Erosion	CLOSED
5/4/2010	5500 Huettner	Mike	Aaron Milligan	Spill	CLOSED

5/4/2010	4600 36th Ave. NW	Tim Hassen	Aaron Milligan	Drainage	CLOSED
5/12/2010	2001 West Lindsey	Todd McLellan	Aaron Milligan	Drainage	CLOSED
5/12/2010	3012 Highland Ridge Drive	Brent Shaw	Aaron Milligan	Erosion	CLOSED

Date Received	***Location***	***Complainant***	***Routed To***	***Category***	***Status***
5/14/2010	234 Westside Dr.	Merilyn Pope	Aaron Milligan	Drainage	CLOSED
5/24/2010	Riverside & Belknap	Leslie Batton	Anthony Mackey	Debris / Dumping	CLOSED
5/24/2010	The Links	Lisa Smith	Aaron Milligan	Erosion	CLOSED
5/24/2010	514 Sequoyah Trail	Debbie Miller	Aaron Milligan	Debris / Dumping	CLOSED
5/27/2010	4000 Oxford Way	Anon.	Aaron Milligan	Discharge	CLOSED
6/15/2010	12100 Stella Rd.	Janey Jackson	Aaron Milligan	Discharge	CLOSED
6/15/2010	4210 Brookdale	JoAnna Sterr	Aaron Milligan	Discharge	CLOSED
6/28/2010	1840 Burnt Oak	Anon.	Aaron Milligan	Spill	CLOSED
6/30/2010	2012 Marymount	Sean Kight	Anthony Mackey	Erosion	CLOSED
7/2/2010	4501 Sherburne	Ms. Fung	Bob Hanger	Erosion	CLOSED
7/6/2010	2001 West Lindsey	Rick Dowell	Anthony Mackey	Erosion	CLOSED
7/7/2010	2100 Blk Turtle Creek	Judy Gibson	Anthony Mackey	Erosion	CLOSED
7/20/2010	2315 Lindenwood Lane	Tom Lamb	Aaron Milligan	Discharge	CLOSED
7/20/2010	102 E. Symmes	Lavania Frank	Aaron Milligan	Drainage	CLOSED
8/6/2010	4812 Wellman	Unknown	Aaron Milligan	Debris / Dumping	CLOSED
8/21/2010	Akins Ct @ Vicksburg	Todd McLellan	Anthony Mackey	Debris / Dumping	CLOSED
8/27/2010	24th NW	Kelly	Anthony Mackey	Erosion	CLOSED
9/21/2010	940 Dakota	Unknown	Aaron Milligan	Erosion	CLOSED
9/21/2010	Wellman Way	Unknown	Anthony Mackey	Debris / Dumping	CLOSED
9/22/2010	West Lindsey McDonalds	Unknown	Aaron Milligan	Debris / Dumping	CLOSED
10/6/2010	1300 Alameda	Anon.	Aaron Milligan	Discharge	CLOSED
10/27/2010	3228 Pheasant Dr.	Jerry Troxell	Aaron Milligan	Discharge	CLOSED
11/8/2010	Boyd & Jenkins	Robin Gonnerman	Aaron Milligan	Discharge	CLOSED
11/15/2010	420 South Porter	Janine Bender	Aaron Milligan	Discharge	CLOSED