



RUNOFF ROUNDUP



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City of Norman Storm Water Quality

Welcome to the first issue of the Runoff Roundup, a quarterly newsletter from the City of Norman Storm Water Quality Section. In it you will find information on erosion control and storm water pollution prevention as well as state and national regulations about storm water.

We hope you will find it educational and entertaining, but honestly we'll settle for educational. So, take a look and see if we can show you

something you didn't already know. Also, we would love to have your input, so if you have a question, complaint, interesting fact or funny story, please let us know and maybe we'll put you in print.



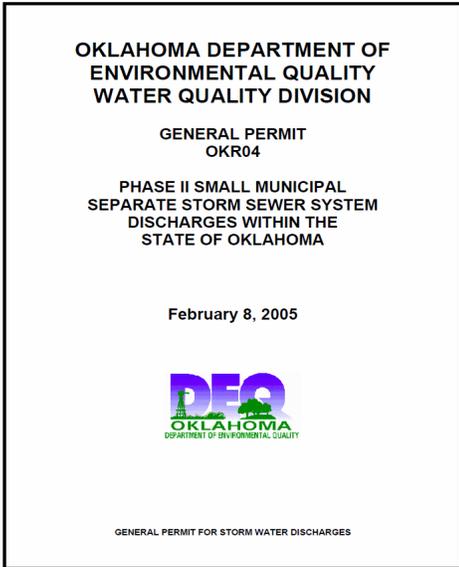
The Oklahoma Water Resources Board says Lake Thunderbird is “eutrophic”. What does that mean?

It means the lake has a high concentration of nutrients, particularly Nitrogen and Phosphorus, which promote excessive growth of algae. When the algae dies and decomposes, it depletes oxygen in the water and can cause fish kills. High levels of algae also cause taste and odor problems for our drinking water.



RUNOFF ROUNDUP

No Foolin'.....



Did you know that the City has a permit from the State that requires us to reduce pollution in storm water runoff?

Well if you didn't, it's not your fault; it's ours.

In addition to requirements that we regulate runoff from construction sites, reduce pollution from City operations and remove illegal connections to the storm sewer, we also must have a program to inform the public (you) about things they can do to reduce storm water pollution. The newsletter you are reading is part of that program. Thanks for helping out! Future newsletters will contain more information and tips on how you can help keep our streams and lakes clean and healthy.



Dirt Cop Corner

Welcome the newest idea to come from the office of the City of Norman's Storm Water Quality Division, the Dirt Cop Corner.

The Dirt Cop Corner is a quarterly newsletter that will be mainly devoted to the erosion and sediment control field. The purpose of this newsletter is to provide better means of communication to all those who are involved in activities related to erosion and

sediment control. This includes, but is not limited to, contractors, developers, engineering firms, and property owners.

Each issue will include information related to the City of Norman's Storm Water regulations as well as DEQ and EPA rules and any pending changes. In addition, there will be articles about BMP's (Best Management Practices); not only current ones in use, but

also those that are new to the marketplace or area and details on the effectiveness of each along with information about any ESC training and meetings. We hope the newsletter will improve the effectiveness of the Storm Water Quality Division and also help those of you involved in the construction industry stay in compliance.

So sit back and enjoy the ride, but watch out for the mud.



The first BMP that will be spotlighted is the all important but often overlooked Construction Entrance/Exit. We all use them and understand their importance but more often than not they are not properly installed and maintained. As many know from first-hand experience, an improperly maintained entrance can result in off-site tracking, which in turn results in a bad mark on your site inspection report.

Currently, the City of Norman Engineering Design Criteria (Section 5000, Subsection 5012.6.E) requires: "A stabilized entrance to all construction sites, shall be built to reduce or eliminate the tracking or flowing of sediment onto public rights of way". The construction entrance is the main thing the public sees on your site and the first thing the inspector notices during an inspection.

If the entrance is messy, your site is going to get the kind of attention you don't want. If you properly install and maintain your construction entrance you will have fewer headaches and avoid becoming the next NOV (Notice of Violation) victim.

"To catch the reader's attention, place an interesting



Household Hazardous Waste Collection Day



Saturday, April 9th, 2011
Lloyd Noble Center, SW Parking Lot
9:00 am to 2:00 pm
For more information: 292-9731



City of Norman Storm Water Quality

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**Find us on the Web
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www.normanok.gov**



Contact Information

Erosion and Sediment Control & Earth Change Permits

Anthony Mackey (Storm Water Inspector): Office 405-292-9721, Cell 405-370-3295

Storm Water Quality Issues

Aaron Milligan (Storm Water Quality Program Manager): Office 405-292-9721

Oklahoma Department of Environmental Quality (DEQ)

Storm Water Program: 405-702-8100

Website: <http://www.deq.state.ok.us/>

Earth Change Permit

While many of you are familiar with the process of when and how to obtain an Earth Change Permit, here is a short refresher .

As stated in the City's Engineering Design Criteria (Section 5000, Subsection 5012.2B): "No person may engage in any earth disturbing activities, including developing, grading, excavating, paving, land filling, berming, or diking without first obtaining an Earth Change Permit from the City of Norman."

That means anyone who disturbs the earth is required to obtain an Earth Change Permit. Exceptions to this are sites less than 1 acre in size and bona fide agricultural practices.

So, how does one obtain an Earth Change Permit?

Lets review the steps involved.

- 1) Contact the Oklahoma Department of Environmental Quality (DEQ) and submit a Notice of Intent (NOI). The DEQ Authorization Letter should also be submitted when it is received, but is not needed to issue a permit.
- 2) Contact the City of Norman Storm Water Quality Division at 292-9721.
- 3) Submit a copy of the completed NOI and an Erosion and Sediment Control Plan (ESCP) Sheet (11x17) and the Storm Water Pollution Prevention Plan (SWPPP).
- 4) Complete an Earth Change Permit Form and pays all permit related fees.

The process is fairly easy, just remember that these 4 items, (NOI, ESCP, SWPPP and payment) must be submitted to the City. The Earth Change permit won't be issued until we have all 3 items.

What are the fees? This might be the easiest part to remember. The permit fees are \$100 + \$10 per acre permitted. For example if you permit 1 acre the fee will be \$110 (100 + 10 x 1), while 5 acres would be \$150. Got it? Simple, right?

That's all there is to it. Still not sure if you need a permit, just contact Anthony Mackey or Aaron Milligan with Storm Water Quality at 405-292-9721 and we will be more than happy to assist you.