



City of Norman

Phase II MS4 Annual Report

Reporting Period 1/1/2017 to 6/30/2018



**Phase II Small Municipal Separate Storm Sewer
System (MS4) General Permit (OKR04)
Authorization No. OKR040015
September 1st, 2018**



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Section 1. Compliance Status

1.1 Executive Summary

The FYE 2017-2018 Phase II MS4 Annual Report for the City of Norman (City) is submitted as required by Part V.C.1 of the Oklahoma Department of Environmental Quality Phase II Municipal Separate Storm Sewer System (MS4) General Permit, OKR04, Authorization No. OKR040015, and covers the reporting period of January 1, 2017, through June 30, 2018. As part of these requirements, the City conducted an assessment of permit compliance, including an assessment of the appropriateness of Best Management Practices (BMPs), progress toward the goal of reducing the discharge of pollutants, and achieving measurable goals for each Minimum Control Measure (MCM). The City's assessment indicates that it is in compliance with permit requirements.

On November 29, 2005, the City received Authorization No. OKR040015. General Permit OKR04 expired on February 9, 2010, but was administratively continued until its reauthorization, which became effective on November 1, 2015. A Notice of Intent (NOI) and other permit application material were submitted as part of the OKR04 application on January 29, 2016. On March 17, 2017, the City received Authorization No. OKR040015.

Some of the major accomplishments during the FYE 2017-2018 reporting period include removing pollutants from the MS4 through street sweeping, spill response, dry weather field screening, and infrastructure maintenance; educating the public on the importance of stormwater pollution prevention through public clean-up events, meetings, and discussions; and enhanced inspections of construction sites. The City's two stormwater inspectors conducted 2,247 inspections of 132 sites during the reporting period. During the City's annual Household Hazardous Waste Collection event, held on November 18, 2017, over 135,000 pounds of materials were collected and properly disposed. Street sweeping operations increased in the reporting period with the purchase of a new vacuum sweeper, which has allowed the City to sweep over 6,779 lane miles.

A continuing requirement for this reporting period involves implementation of the Lake Thunderbird Watershed TMDL Compliance and Monitoring Plans. On November 10, 2013, ODEQ issued a Total Maximum Daily Load (TMDL) for the Lake Thunderbird watershed, which established a waste load allocation for the Cities of Norman, Oklahoma City, and Moore, and required that each city submit Compliance and Monitoring Plans. The City's Compliance and Monitoring Plans were approved by ODEQ on September 21, 2016, and subsequently adopted by the City Council on October 25, 2016. Monitoring began in March 2016, and implementation of non-structural BMPs outlined in the Compliance Plan is currently underway.

As an example of non-structural BMP implementation, throughout the month of October 2017, the Stormwater Division hosted the Lake Thunderbird Watershed Clean-up Blitz which culminated in the Second



Annual Lake Thunderbird Watershed Workshop and Clean-up Event at Lake Thunderbird State Park. The goal of the blitz was to educate Norman citizens on the impact stormwater has on Lake Thunderbird's water quality and to engage the public to participate in the protection of the watershed. In addition, everyone who came took an active role in removing pollution, in the form of trash, from the watershed. Approximately 80 people attended at least one event, and several attended more than one. Trash was collected from various parks located within the watershed. At every event, awards were given for the largest amount of recyclables removed and for the most unusual item found. Students without Borders, a group from the University of Oklahoma, removed the largest amount of recyclables by one team (30 pounds). The unusual items included a Barbie doll, part of the front end of a car, a boat seat, perforated PVC pipe, part of a wheel barrow, and a witch's hat. Overall, the volunteers collected a total of 553 pounds of trash and recyclables that may otherwise have ended up in Lake Thunderbird.

An additional non-structural BMP that continued during the reporting period was the City's participation in the Lake Thunderbird Watershed TMDL Technical Working Group, now known as the Lake Thunderbird Watershed Partnership. The Cities of Norman, Moore, and Oklahoma City established the Lake Thunderbird Watershed Partnership to coordinate activities related to the Lake Thunderbird watershed. The group currently meets on a quarterly basis and is working together to implement a branding strategy and website developed for the group by CompaCreative.

The major challenge encountered by the City of Norman during the FYE 2017-2018 reporting period was the failure to approve a Stormwater Utility Fee (SWU) to provide a dedicated funding source for the Stormwater Division. Beginning in May 2017 and continuing through January 2018, a Stormwater Citizen Committee met biweekly to develop a new, citizen-led stormwater funding strategy. They recommended a fee structure and two alternative options plus a general obligation bond package to fund major stormwater infrastructure repair to Council on April 10, 2018. Currently, the Stormwater Citizen Committee is conducting community open houses to educate the public on their recommendations to Council and to gather community feedback on the preferred rate structure.

1.2 BMP Implementation and Evaluation

The City considers the BMPs as submitted to ODEQ on January 29, 2016, as part of 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.

An assessment of the BMPs currently being implemented by the City is presented in the tables in Section 1.3.

1.3 MCM Measurable Goals

Progress in achieving the measurable goals for each BMP of the six MCMs is presented in the following tables. Supporting documentation for each MCM is attached in Appendix A.

Public Education and Outreach MCM

BMP	Goal	Frequency/ Implemented	Comments
Distribute informational brochure with utility bills	One brochure to 75% of all utility accounts	Annually	Distributed eight utility bill inserts: <ol style="list-style-type: none"> 1. Rain Barrel Promotion February 2017 2. Know Your Flood Risk April 2017 3. Fertilizer Use Tips May 2017 4. Yard Waste Tips July 2017 5. Illicit Discharge Reporting Information September 2017 6. Septic System Maintenance (Only to Rural Customers) November 2017 7. Rain Barrel Promotion January 2018 8. Know Your Flood Risk April 2018
Add stormwater pollution prevention information to city web site	Information posted	Annual review/update	Major revisions to the City's website including the addition of information on all aspects of the Stormwater Division's responsibilities were made in June 2018. More revisions are planned for FY 2019. Information on Stormwater Citizen Committee Open Houses, rain barrels, and public events were posted on the City's main page throughout FYE 2017-2018.
Operate Action Center Hotline	Receive and respond to 90% of verified complaints	Annually	Action Center complaints are received and responded to throughout the year. In FYE 2017-2018, the Stormwater Division responded to 656 citizen calls. Response rate was 100%.
Public stormwater education event	Coordinate with Environmental Services for Earth Day event	Annually	The Stormwater Division participated at annual Earth Day events on April 23, 2017 and April 22, 2018.
Educational event & materials for schools	Supply material to 2 elementary schools annually and participate in Public Works Week event at local school	Annually	Participated in annual Public Works Week events on May 24, 2017 and May 23, 2018.

BMP	Goal	Frequency/ Implemented	Comments
			<p>Demonstrated the EnviroScape watershed model to the following classes:</p> <ol style="list-style-type: none"> 1. Irving Middle School May 11, 2017 and January 18, 2018 2. Lincoln Elementary 3rd Grade May 15, 2017 3. Sam Noble Museum's Water Sleuth Program June 17, 2017 4. Terra Verde 5th Grade October 25, 2017 5. Norman Public Schools Parent as Teachers September 8, 2017 <p>Distributed stormwater educational materials to local elementary schools through the City's Environmental Control Advisory Board's (ECAB) "Water's Worth It" annual poster contest in 2017 and 2018. Poster contest packets are distributed to teachers at approximately 22 public and private elementary schools within Norman city limits. Posters are displayed during April's Second Friday Art Walk. During the reporting period, these events occurred on April 14, 2017 and April 13, 2018. In 2018, over 300 posters were submitted, which was the largest number submitted to date.</p>
Newspaper ads	Quarterly ads in local paper with water quality, pollution prevention or watershed protection information	Annually	<p>Five stormwater topics were placed as ads in the Norman Transcript in FYE 2017-2018:</p> <ol style="list-style-type: none"> 1. Rain Barrel Promotion January 2017 2. Don't Blow It-Grass Clippings April 2017 3. Don't Blow It-Leaves December 2017 4. Rain Barrel Promotion January, February, March, and April 2018 5. Stormwater Committee Open Houses June 2018

BMP	Goal	Frequency/ Implemented	Comments
			<p>Additionally, two stormwater topics were placed as ads in special magazine editions of the Transcript:</p> <ol style="list-style-type: none"> 1. We Drink Our Stormwater-Norman Progress April 2018 2. Don't Blow It-Buying and Living June 2018
Develop stormwater pollution prevention brochure for fertilizer use	Distribute to 75% of all utility accounts	Once	Completed in 2016. Brochure sent to landscape professionals in March 2017 and March 2018.
Develop Spanish language SWPP brochure	Develop Spanish language stormwater pollution prevention informational materials	Once	<p>Completed in 2016. Brochure sent to landscape professionals on March 24, 2017 and March 30, 2018.</p> <p>Additional Spanish language informational materials have been created for the Yard Waste program and the Construction Stormwater program related to proper disposal of leaves and grass clippings and proper maintenance of BMPs, respectively.</p>

Public Participation and Involvement MCM

BMP	Goal	Frequency/ Implemented	Comments
Establish web site link for receipt of email regarding stormwater issues	Respond to 90% of all emails received	Annually	<p>pwstormwater@normanok.gov has been established for receipt of email regarding stormwater issues.</p> <p>Response rate was 100%.</p>
Environmental Control Advisory Board (ECAB)	A stormwater quality representative will meet with ECAB quarterly to provide information on stormwater pollution issues.	Annually	<p>Worked with ECAB to distribute 18,000 door hangers with tips on protecting stormwater quality and recycling, which was distributed during OU's Big Event on April 1, 2017.</p> <p>Worked with ECAB to facilitate Park clean-up events City-wide, collecting over 700 pounds of trash from over 20 City locations, during OU's Big</p>

BMP	Goal	Frequency/ Implemented	Comments
			<p>Event on April 14, 2018.</p> <p>Stormwater Division representatives have attended ECAB meetings on a monthly basis and work with the group on several stormwater issues and events.</p>
Operate Action Center Hotline	Receive and respond to 90% of verified complaints	Annually	<p>Action Center complaints are received and responded to throughout the year. In FYE 2017-2018, Stormwater Division responded to 656 citizen calls.</p> <p>Response rate is 100%.</p>
Public meeting for stormwater issues	Hold one public meeting annually	Annually	<p>A public meeting discussing stormwater infrastructure was held on January 23, 2017.</p> <p>The Stormwater Citizen Committee met every two weeks between May 2017 and January 2018. These meetings were open to the public.</p> <p>Two Stormwater Citizen Committee Open Houses were held in June 2018 to provide information on the Committee's recommendations for stormwater funding to Council and to gather community feedback on the preferred rate structure.</p> <p>A public meeting on the Lake Thunderbird TMDL was held on October 29, 2017.</p>
Public Stormwater Education Event	Coordinate with Environmental Services for one event annually	Annually	<p>Participated in annual Earth Day events on April 23, 2017 and April 22, 2018, with Environmental Services.</p> <p>Environmental Services Coordinator discussed the Household Hazardous Waste Collection Event on November 18th with volunteers at the Second Annual Lake Thunderbird Workshop and Clean-up Event on October 29, 2017.</p>

BMP	Goal	Frequency/ Implemented	Comments
Blue Thumb/Oklahoma Conservation Commission Partnership	Maintain working relationship with Blue Thumb and coordinate for one stormwater public education event annually	Annually	<p>Stormwater Division Staff participated in a Blue Thumb General Water Quality Workshop on October 14, 2017.</p> <p>Jeri Fleming with Blue Thumb discussed how people could volunteer and set up a model to demonstrate infiltration and runoff rates of various surfaces from concrete to forest soil at the Lake Thunderbird Clean-up Event on October 29, 2017. Additionally, Blue Thumb volunteer, Karen Chapman, hosted a booth at the event and discussed her monitoring experience with Bishop Creek.</p> <p>The Stormwater Division also coordinated creek clean-ups with Blue Thumb volunteers on June 22, 2017, April 7, 2018, and May 21, 2018. Hitachi employees attended the June 2017 and May 2018 events.</p>
Lake Thunderbird TMDL public meeting	Hold one public meeting annually for education and discussion of the Lake Thunderbird TMDL	Annually	Second Annual Lake Thunderbird Workshop and Clean-up Event held on October 29, 2017.

Illicit Discharge Detection and Elimination MCM

BMP	Goal	Frequency/ Implemented	Comments
Operate Action Center Hotline	Receive and respond to 90% of complaints received	Annually	<p>Action Center complaints are received and responded to throughout the year. In FYE 2017-2018, Stormwater Division responded to 656 citizen calls.</p> <p>Response rate was 100%</p>
Household Hazardous Waste Collection Day	Provide annual event for the public to drop off unwanted household waste and report amount of waste collected	Annually	Conducted on November 18, 2017.
Dry Weather Field Screening	90% of visual screening points inspected each year	Annually	44 outfalls were inspected in FYE 2017-2018. 63 total screening points have been identified.

BMP	Goal	Frequency/ Implemented	Comments
Illicit Discharge Investigations	Perform source investigation on all identified illicit discharges and connections	Annually	Conducted throughout the year as identified. Eleven illicit discharges were found and eliminated in FYE 2017-2018. Additionally, 204 grass clipping door hangers and warning letters were issued in FYE 2017-2018.
Enforcement Actions	Take enforcement actions as allowed by City regulations where responsible parties for illicit discharges are identified	Annually	Enforcement actions are taken as necessary to eliminate illicit discharges. None were required in FYE 2017-2018.
Inspect MS4 System	Visually inspect open channels and camera enclosed conduits. Inspect 10% of system each year	Annually	Infrastructure inspected and maintained: <ol style="list-style-type: none"> 11,000 inlets were inspected and 6,164 were cleaned. 52 Stormwater Atlas pages were ground-proofed, which included inspection of relevant stormwater infrastructure. Additional channels and pipes are inspected and maintained as time and resources allow.

Construction Site Runoff Control MCM

BMP	Goal	Frequency/ Implemented	Comments
Earth Change Permit	Permit 90% of all earth disturbing operations over 1 acre in size	Annually	43 Earth Change Permits were issued in FYE 2017-2018.
Construction site inspection	Inspect 90% of sites within 30 days of permit issuance and at least monthly. Perform enforcement actions as needed	Annually	95% of sites were inspected within 15 days. 2,247 inspections were conducted at 132 sites in FYE 2017-2018.
Education event for construction/development	Hold two events for developers, construction crews, utility contractors and engineering companies	Annually	Builders Workshops were held on February 23, 2017, November 16, 2017 and May 17, 2018. Additionally, Brown Bag meetings with builders and developers were held on November 2, 2017,

BMP	Goal	Frequency/ Implemented	Comments
			January 17, 2018, February 14, 2018, and March 28, 2018.
Water Quality Protection Zone Ordinance (WQPZ)	Implement requirements of the Water Quality Protection Zone Ordinance including establishment and maintenance of streamside buffers	Annually	WQPZ ordinance has been established, and zones are identified as property is platted on an ongoing basis.
Lake Thunderbird TMDL building/development workshop	Hold annual workshop for the building and development community on the Lake Thunderbird TMDL compliance requirements and Lake Thunderbird watershed protection	Annually	Discussion of the Lake Thunderbird TMDL compliance requirements and Lake Thunderbird watershed protection was held at the Builders Workshops on February 23, 2017, November 16, 2017 and May 17, 2018.

Post-Construction Site Runoff from New/Redevelopment MCM

BMP	Goal	Frequency/ Implemented	Comments
Review/amend City engineering and development regulations	Remove any barriers to Low Impact Development (LID)	Review every 5 years	Review of engineering and development criteria and city ordinances is ongoing.
Implement WQPZ ordinance	Establish water quality protection zones in riparian areas	Annually	WQPZ ordinance has been established, and zones are identified as property is platted.
Fertilizer Ordinance	Implement the Manufactured Fertilizer Ordinance to educate the public and commercial fertilizer applicators on proper fertilizer use	Annually	Letters regarding the Manufactured Fertilizer Ordinance were sent to public and commercial applicators on March 23, 2017 and March 30, 2018.
Stormwater impoundment inspection	Inspect 50% of stormwater impoundments	Annually	Eight stormwater impoundments were inspected in FYE 2017-2018.
Post-Construction Events	Include information on post-construction BMPs in construction/development events listed for MCM 4	Annually	This is ongoing.

Municipal Good Housekeeping MCM

BMP	Goal	Frequency/ Implemented	Comments
Develop employee training program	Provide one training session for 75% of targeted employees	Annually	This BMP is under development. Due to employee turnover, current staff have been unable to fully implement this task. However, on May 17, 2018, members of the Street and Stormwater Divisions attended the hands-on BMP workshop and were educated on erosion and sediment control measures, as well as basic water quality protection.
Street Sweeping	Sweep at least 2,500 curb miles annually to prevent sediment, debris and pollutants from entering the MS4	Annually	6,779 lane miles were swept in FYE 2017-2018.
City facility stormwater inspections	Inspect half of all facilities identified as potential sources of stormwater pollution	Annually	The compost facility was inspected on June 20, 2017, and the Water Reclamation Facility was inspected on May 9, 2018.
Map City facility storm sewer (SS) systems	Locate all SS inlets and outfalls at two City facilities every year	2 facilities annually until complete	SS inlets and outfalls were identified at the Compost Facility and the Water Reclamation Facility on June 20, 2017 and May 9, 2018, respectively.
Spill Kits	Provide spill containment kits to 25% of City vehicles	Annually	Spill kits were purchased and made available to vehicles in the Street, Stormwater, and Environmental Services Divisions during the reporting period.
Employee Newsletter	Distribute stormwater pollution prevention information to City Employees through the newsletter once each quarter	Annually	Stormwater pollution prevention information was placed in the following editions of the employee newsletter: January 2017, April 2017, October 2017, November 2017, January 2018, March 2018, April 2018 and June 2018.

BMP	Goal	Frequency/ Implemented	Comments
Employee education on Lake Thunderbird TMDL	Incorporate Lake Thunderbird TMDL requirements into City employee training events.	Annually	Lake Thunderbird TMDL requirements were incorporated into the hands-on BMP workshop on May 17, 2018. Additionally, the 'We Drink Our Stormwater' ad was placed in the March 2018 edition of the Employee Newsletter.

1.4 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. The effectiveness and efficiency of all current BMPs will be reviewed annually and used in the development of the Minimum Control Measure BMPs for the next five-year permit term. Pollutant recovery/reduction activities are shown below.

Street Sweeping:

5,590 tons of material were removed from the MS4 during FYE 2017-2018.

Storm Drain Inlet Cleaning:

6,164 inlet cleanings were done during FYE 2017-2018.

1,762 tons of debris were removed from the MS4 during the reporting period.

Litter Removal:

4.2 tons of trash were removed from the MS4 during FYE 2017-2018 through the City's litter control program.

3.25 tons of trash were removed from the MS4 during FYE 2017-2018 through clean-up events throughout the City.

Hazardous Waste Collection Event:

42,000 pounds of chemicals collected

8,250 pounds of used oil collected

1,700 pounds of used antifreeze collected

50,000 pounds of paint collected

36,000 pounds of e-waste collected

300 tires collected

100 automotive batteries collected

Spills:

Approximately 50 gallons of grease and 290 gallons of oil were recovered during spill response operations associated with 5 spills that occurred during the reporting period.

Section 2. Information/Activities

2.1 FYE 2017-2018 Reporting Cycle

MCM #1: PUBLIC EDUCATION AND OUTREACH AND MCM #2: PUBLIC PARTICIPATION AND INVOLVEMENT

The City hosts and attends several public education and outreach events throughout the year. Some of the ways stormwater messages are provided to Norman residents include utility bill inserts, newspaper ads, public meetings, Council meetings, and public events like ScienceFest, Earth Day and the Household Hazardous Waste Event. The *Runoff Roundup*, a quarterly email newsletter, is sent to a self-selected list of stormwater stakeholders. Beginning in June 2018, Stormwater Citizen Committee Open Houses were also being held at various locations throughout the City in an effort to educate Norman residents about the Committee's recommendations to Council regarding stormwater funding and to gather community feedback on the preferred rate structure. Additional efforts will be needed in FYE 2019 to reach residents and educate them on the benefits associated with funding stormwater activities.



In 2016, ODEQ approved the Lake Thunderbird Watershed TMDL Compliance and Monitoring Plans. In order to satisfy certain requirements of the Compliance Plan, the City must educate the public on the requirements on the Lake Thunderbird TMDL. Throughout the month of October 2017, the City of Norman Stormwater Division hosted the Lake Thunderbird Watershed Clean-up Blitz, which culminated in a workshop and clean-up event at the lake itself. The goal of these events is to educate Norman citizens on Lake Thunderbird water quality and the role stormwater plays and to have them play an active role in removing pollution, in the form of trash, from the watershed. The parks chosen for this series of events were as follows: NE Lions Park (October 1), Griffin Community Park (October 8), John H. Saxon Park (October 22), and Lake Thunderbird State Park (October 29). The weather cooperated for all events, and almost eighty people participated. A total of five hundred fifty-three (553) pounds of trash and recyclables were removed from the watershed. At every event, certificates were awarded for the most recyclables removed and for the most unusual item found. Students without Borders removed the largest amount of recyclables (30 pounds) by one team. The most unusual items found included a Barbie doll, part of a car, a boat seat, part of a wheel barrow, and a witch's hat. The event satisfies public education requirements in the City's Stormwater Management Program and Lake Thunderbird TMDL Compliance Plan.



Michele Loudonback discussing the impact of stormwater runoff on Lake Thunderbird's water quality; volunteers at NE Lions Park

Approximately 80 people attended one of the events, but several attended more than one. At the 2nd Annual Lake thunderbird Watershed Workshop and Clean-up Event, awards and door prizes

were given. Three volunteers, Karen Chapman, Addie Moon, and Mary Hogan, attended every event and were awarded trophies for their outstanding dedication to Norman's stormwater quality. Students without Borders won a rain barrel for the most recyclables removed, and Amanda Nairn won four tickets to the Thunderbird Trail of Fears for finding the most unusual item, a witch's hat.



From left to right, Students without Borders receiving their rain barrel, Griffin Park volunteers & Mary Hogan dragging her find back to be weighed.

In addition to receiving information on the connection between stormwater runoff and Lake Thunderbird's water quality, participants received valuable information on other water quality-related activities and volunteer opportunities with the Oklahoma Conservation Commission's Blue Thumb Program, Keep Oklahoma Beautiful, and the City of Norman's Environmental Services Program.

Ms. Jeri Fleming with Blue Thumb discussed ways people could volunteer and also set up a model to demonstrate infiltration and runoff rates of various surfaces from concrete to forest soil. Ms. Debra Smith, Environmental Services Coordinator, discussed the Household Hazardous Waste Collection Event scheduled for November 18, 2017. Amelia Schoenhals, Keep Oklahoma Beautiful, spoke about volunteer opportunities with her program and donated trash bags, gloves, and water. The Thunderbird Sailing Club provided use of their facility free of charge.

MCM #3: ILLICIT DISCHARGE DETECTION AND ELIMINATION

The City's Illicit Discharge Detection and Elimination Program primarily consists of dry weather field screening, responding to citizen complaints, and addressing spills or leaks that have the potential to enter the storm sewer system.

The City has identified sixty-three (63) outfalls for dry weather field screening (see map below for locations). Forty-four (44) outfalls were inspected during the reporting period. Outfall inspection forms were completed and photos taken at each outfall. No illicit discharges were identified during FYE 2017-2018 as a result of these activities.

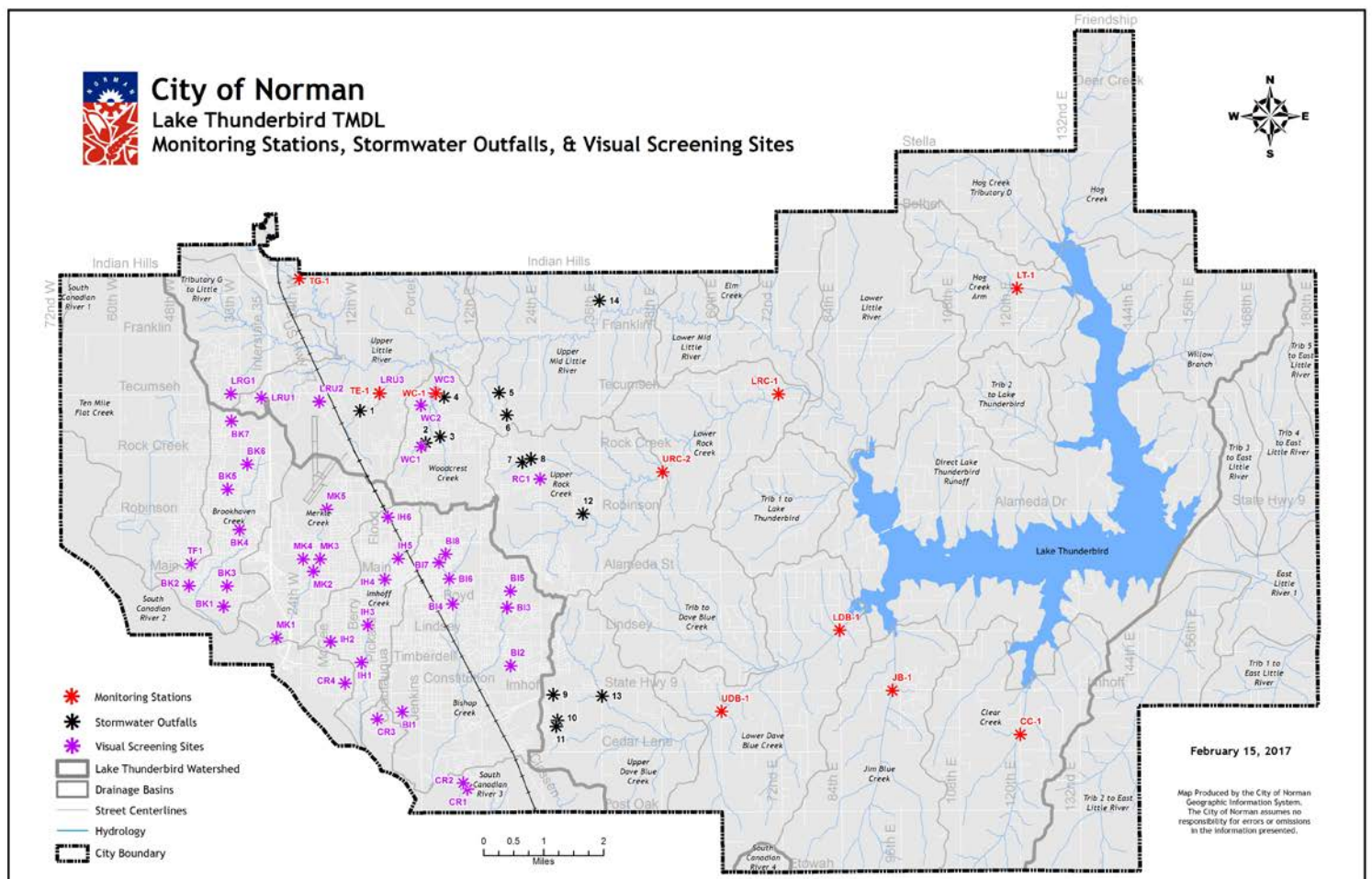
During FYE 2017-2018, the City received six hundred fifty-six (656) citizen inquiries, either directly from the citizen, through the City Action Center, or by referral from other City staff and Council members. All complaints receive an initial investigation to verify the report and determine if the Stormwater Division had jurisdiction over the issue. Those not regulated by the Stormwater Division are referred to the appropriate department and/or State agency.

A summary of all complaints received in FYE 2017-2018 is presented in Appendix B.

Received	Response	Resolved
656	656	656

The City responded to 5 spills during the reporting period.

Date	Location/Event
1/9/2017	Industrial coolant on Robinson St. west of the N. Peters Ave. intersection
2/28/2017	Oil spill at 144 th Ave. NE
8/25/2017	Hydraulic oil spill at 2505 Deer Chase Dr.
8/29/2017	Oil spill at the intersection of Main St. and 24 th Ave. NE
3/13/2018	Grease spill at Hassler's restaurant, 333 S. Porter Ave.



City of Norman MS4 Sampling and Visual Screening Points

MCM #4: CONSTRUCTION SITE RUNOFF CONTROL

The City's Construction Site Runoff Control Program primarily consists of issuing Earth Change Permits to sites within city limits that disturb an acre or greater, inspecting these sites to ensure that they are in compliance with the construction stormwater requirements set out in Section 5000 of the City's Engineering Design Criteria Manual, and issuing enforcement actions for any non-compliant sites. Additionally, in conjunction with MCMs 1 and 6, outreach is also a large part of the City's program. Below is a summary of the activities conducted in FYE 2017-2018:

Earth Change Permits:

During the reporting period, 43 new sites were permitted.

Construction Site Inspections:

New sites started during reporting period:	41
Continuing sites during reporting period:	98
Closed sites during reporting period:	20
Total number of open sites during reporting period:	97
Total number of sites inspected during reporting period:	132
Total number of inspections performed:	2247

Construction Site Enforcement:

The City issued 52 Notices of Violation, 2 Stop Work Orders and 6 Citations for non-compliance in FYE 2017-2018.

Outreach Efforts:

Brown Bag Meetings:	4
Builders Workshops:	3

In the next reporting cycle, the City hopes to have updated both the Engineering Design Criteria Manual and the Construction Site Runoff Control Program in order to improve stormwater pollution prevention and compliance and to ensure that city regulations match state requirements.

MCM #5: POST-CONSTRUCTION STORMWATER MANAGEMENT

The City encourages the use of green infrastructure and low impact development (LID) practices as part of the development process and has adopted the City of Wichita/Sedgwick County, Kansas, LID Manual. The City has also passed a WQPZ ordinance and a Manufactured Fertilizer ordinance. Inspections of a certain number of stormwater detention ponds are also conducted annually in an attempt to address pollution in post-construction stormwater runoff. Additionally, each year the City partners with the Central Oklahoma Stormwater Alliance (COSWA) to offer discounted rain barrels to the public. For FYE 2017-2018, 264 rain barrels were distributed during two City distribution events.

The WQPZ ordinance was established to protect riparian buffer areas in the Lake Thunderbird watershed, and zones are identified as property is platted. The Manufactured Fertilizer

Ordinance was established to regulate the application of manufactured fertilizers in Norman, require a soil test before phosphorus-containing fertilizers can be applied, restrict fertilizer from being applied to impervious areas, and require commercial fertilizer applicators to register with the City. Each year, a letter is sent to commercial applicators to remind them of this requirement. In FYE 2017-2018, the letter was sent to public and commercial applicators on March 23, 2017 and March 30, 2018. Due to staff turnover and resource shortages, only eight (8) stormwater detention ponds were inspected in FYE 2017-2018, and additional efforts are planned for the next reporting period.

MCM #6: MUNICIPAL GOOD HOUSEKEEPING

As part of the Municipal Good Housekeeping Program, the City's goal is to address potential pollution sources at municipal maintenance facilities. This includes training municipal employees on topics such as spill prevention and response and general good housekeeping measures. One major activity that occurs as part of the Municipal Good Housekeeping Program is street sweeping. The City currently operates four (4) vacuum sweepers on a routine basis. During the reporting period, 5,590 tons of material were removed from the MS4 and 6,779 lane miles were swept. Street sweepers also respond to non-hazardous material spills and clean inlets as necessary.

One goal for FYE 2017-2018 was to inspect municipal facilities and develop Good Housekeeping plans for each. During the FYE 2017-2018 reporting period, the Compost Facility and the Water Reclamation Facility were inspected. A Good Housekeeping Plan was developed for the Lindsey Yard, which houses both the Street and Stormwater Division, and a Stormwater Pollution Prevention Plan was developed for the Compost Facility. The Water Reclamation Plant is attempting to obtain a No Exposure waiver, and the inspection was tailored to meet this goal.

Unfortunately, annual staff training was unable to be completed due to staff turnover; however, members of the Street and Stormwater Divisions attended a hands-on BMP workshop and learned about water quality protection, the Lake Thunderbird TMDL requirements, and installation and maintenance of erosion and sediment control BMPs on May 17, 2018. The Employee Newsletter was also used to educate personnel on stormwater issues. Advertisements for the rain barrel promotions and clean-up events, as well as general information about stormwater quality, household hazardous waste disposal options, and reporting illicit discharges were placed in the newsletter throughout the reporting period. Additional facility inspections and employee training are planned for FYE 2019.

2.2 Next Reporting Cycle

The next reporting period will include data from July 1, 2018, through June 30, 2019. The Annual Report covering that period will be submitted by September 1, 2019. Recurring BMPs will be continued and enhancements will be investigated.

2.3 Proposed Changes

There are no changes proposed to the Stormwater Management Program at this time.

Section 3. TMDLs

3.1 TMDL Compliance

The ODEQ issued a TMDL for the Lake Thunderbird watershed in November 2013. The TMDL required the Cities of Norman, Moore, and Oklahoma City to develop Compliance and Monitoring Plans to limit the amount of nitrogen, phosphorus, and sediment entering Lake Thunderbird from stormwater runoff. The City submitted the Compliance and Monitoring Plans (Plans) to ODEQ in November 2015. After much review and discussion, ODEQ approved the City's Plans on September 23, 2016. On October 25, 2016, City Council approved Council Resolution R-1617-41, which adopted the Plans.

The City has been proactive in measures to reduce the contaminant load to Lake Thunderbird. In November 2009, the Norman City Council accepted the Storm Water Master Plan which recommended the establishment of Stream Planning Corridors in the Lake Thunderbird watershed to protect the creeks and streams and thereby protect lake water quality. The WQPZ was established by City ordinance in June 2011 and provided stream buffers for new development in the Lake Thunderbird watershed as recommended by the Storm Water Master Plan. A Manufactured Fertilizer Ordinance was adopted by the Norman City Council in 2013 which required that certain criteria be met in order to use fertilizer containing phosphorus in the Lake Thunderbird watershed. The Manufactured Fertilizer Ordinance also prohibits blowing, dumping, or otherwise causing grass clippings to be placed into the gutters and storms drains. All of these steps have been taken by the City to improve the quality of stormwater runoff discharged from the City.

Implementation of the Plans will be established on a 5 year permit cycle basis. The City has begun the first 5 year cycle by implementing a Monitoring Plan to establish a baseline for flow and pollutant loading of streams flowing from or through the City to Lake Thunderbird. Pollutants currently being monitored are nitrogen, phosphorus, and total suspended solids. BMPs are also being implemented as part of the City's Compliance Plan, primarily with education campaigns and enhancing programs already in place and progressing to more frequent cleaning efforts. These efforts during the first 5 years are aimed at reducing pollutants in stormwater runoff at the source. The Plans and the results of the monitoring will be reviewed at the end of this initial 5 year cycle to determine where best to establish structural BMPs during the next 5 year cycle.

On January 26, 2016, City Council approved Contract No. K-1516-79 by and between the City of Norman and OWRB in the amount of \$229,756.23. OWRB implemented the monitoring program in March 2016. Installation of stream gauging stations was completed in May 2016. Monthly monitoring is ongoing at ten (10) permanent monitoring stations. An additional fourteen (14) major stormwater outfalls have been identified, and seven (7) of these sites are sampled once per quarter.

A Lake Thunderbird Watershed TMDL Technical Working Group was established in 2016. This Working Group includes technical staff from the Cities of Moore, Norman, and Oklahoma City. The goal of the group is to collaborate on common non-structural BMPs and share information each has learned during the TMDL implementation process. In 2018, it was renamed as the Lake Thunderbird Watershed Partnership and is currently working on implementing a branding

strategy developed during FYE 2017-2018 for the Lake Thunderbird watershed, which includes a logo and tagline, for use by all three cities.



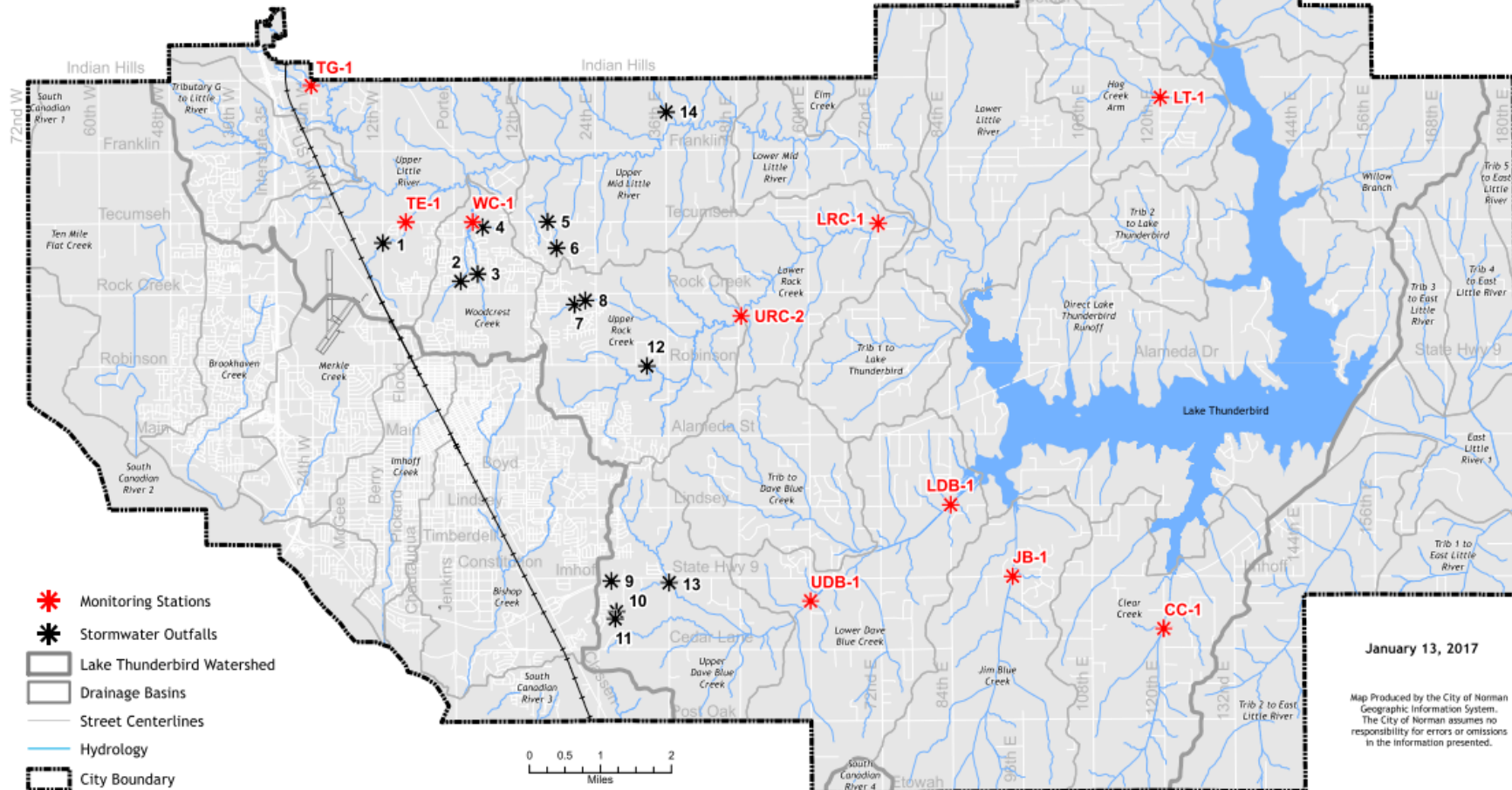
Lake Thunderbird Watershed Partnership

Communities United for Water Quality Improvement

Pollutant Reductions Based on WTM Models in the City of Norman TMDL Compliance Plan								
Pollutant	Jim Blue	Clear Creek	Lake Thunderbird and Laterals	Little River	Rock Creek	Dave Blue	Total Annual Average (TAA) (lbs/yr)	Total for FYE 2017-2018 (TAA*1.5 yrs)
Phosphorus	76.7	72.7	441.6	125.7	68.8	90.4	875.9	1,313.9
TSS	2,874	2,721	16,563	53,509.5	31,105.1	31,795.2	138,567.8	207,851.7
Nitrogen	464.9	440.1	2,679	797.5	497.8	643	5,522.3	8,283.4



City of Norman Lake Thunderbird TMDL Monitoring Stations & Stormwater Outfalls



Section 4. Optional Permit Coverage under MCM #7

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 stormwater 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 West Gray, Bld A
City/State/Zip	Norman, OK 73069
Contact	Carrie J. Evenson, Ph.D., P.E., CFM Stormwater Program Manager
Contact Phone	(405) 366-5455
Authorization No.	OKR040015
Authorization Date	November 29 th , 2005

5.2 Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated 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: _____ Date: _____

Name (printed): Lynne Miller Title: Mayor

Appendix A: Supporting Documentation

MCM #1: PUBLIC EDUCATION AND OUTREACH

Stormwater Quality Website

City of Norman
Building an Inclusive Community
Home of the University of Oklahoma

City Government | Public Safety | Parks & Recreation | How Do I... | Quick Links | Norman Life | Implementation Plan

Home » Public Works » Stormwater Division

LINKS

- Public Works
 - Administration
 - Engineering Division
 - Fleet Division
 - Moving Forward
 - Street Division
 - Stormwater Division
 - Lake Thunderbird Watershed
 - Master Plan
 - Staff
 - Storm Drain Marking
 - Stormwater Quality
 - Related Links
 - Traffic Division
- 2016-2020 Street Maint. Bond Program
- Lincoln Street

City of Norman
Public Works
201 West Gray, Bldg. A
Norman, OK 73069
Storm Water Pollution Prevention
Phone: (405) 366-6435
Construction Site Erosion Control
Phone: (405) 366-6466
Storm Water Drainage
Phone: (405) 366-6465
FAX: (405) 366-6418
Email

Stormwater Division

Have questions about stormwater quality or maintenance concerns?
Contact us: pwstormwater@normanok.gov

What's New?

- Upcoming Events
- Latest Editions of Runoff Roundup
- Need a Rain Barrel?

About Us

The Stormwater Division is responsible for the protection of the health, safety, and welfare of the people of Norman by the regulation of non-stormwater discharges to the City's municipal separate storm sewer system (MS4) as well as the management, maintenance, and improvement of this system.

The MS4 consists of a series of underground pipes, open channels, ditches, and roadways used to collect or convey stormwater. Water and other materials that enter this system are transported directly to our creeks and streams without any treatment.

Our major responsibilities include:

For stormwater quality purposes:

- Responding to citizen requests;
- Controlling the direct or indirect introduction of pollutants into the MS4 by stormwater discharges from any source or user;
- Controlling the introduction into the MS4 of any spills or dumped or disposed material other than stormwater;
- Prohibiting illicit connections and illegal discharges to the MS4;
- Inspecting and monitoring the MS4 to ensure compliance with applicable stormwater requirements;
- Inspecting and enforcing stormwater requirements at construction sites;

For stormwater maintenance purposes:

- Responding to citizen requests;
- Providing for the management and maintenance of the MS4 for flood control purposes;
- Performing erosion control and debris removal within publicly owned drainage ways;
- Maintaining approximately 122 miles of storm sewers;
- Maintaining bridges and culverts;
- Conducting street sweeping on major arterial and collector streets;
- Providing emergency disaster response related to flooding, winter storms, severe storms, and non-hazardous material chemical spills;
- Providing right-of-way vegetation maintenance; and
- Coordinating rural drainage improvement projects with Cleveland County.

What is Stormwater?

Stormwater is water that runs off impervious surfaces such as rooftops, roadways, driveways, parking lots, and other hard surfaces. All properties that have these features generate stormwater runoff.

Stormwater to Drinking Water

In urban areas, stormwater runoff from impervious surfaces flows along the side of the road until it reaches a storm drain, which is an opening or grate in the curb. From there, the water flows through a series of underground pipes, open channels, or ditches (the MS4) until it reaches the nearest creek or stream. This water is not treated along the way so any pollutants (oil, trash, fertilizer, pesticides) it may be carrying are deposited directly into our local creeks and streams and eventually reach Lake Thunderbird or the Canadian River.

Why should I be concerned about Stormwater runoff?

Stormwater runoff can carry pollution from impervious surfaces to nearby creeks and streams through the City of Norman's storm sewer system. Any pollutant exposed to stormwater is at risk of being washed into storm drains and carried to local waters that we use for drinking water and/or recreation, like Lake Thunderbird.

In addition to the potential to pollute our creeks and streams, increased volumes of stormwater runoff from impervious surfaces can lead to flooding. As we add houses, driveways, roadways, and parking lots, the areas where water can soak into the ground decreases. As a result, the volume of water that runs off these areas increases. During heavy rainfall events, our storm sewer system can be overwhelmed by this volume and result in flooding of low-lying areas.

City of Norman, 201 W Gray St, Norman, OK 73069
Contact Us | About the Site
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GreenNorman – Environmental Information Website

City of Norman
Building an Inclusive Community
Home of the University of Oklahoma

City Government | Public Safety | Parks & Recreation | How Do I... | Quick Links | Norman Life | Implementation Plan

Home » Norman Life » Green Norman

QUICK LINKS

- Blue Thumb
- Citizens Organized to Recycle our Environment (CORE)
- Energy Audits (OG&E)
- U.S. Environmental Protection Agency (EPA)
- Oklahoma Department of Environmental Quality
- Train Service (AMTRAC)

GREEN NORMAN

- Green Norman
 - Accomplishments
 - Energy Conservation
 - Green Team
 - Land Use & Transportation
 - Norman 2025 Plan
 - Waste Management
 - Water
 - Water Conservation

Green Norman

- City of Norman Accomplishments
- City of Norman Green Team
- Water Conservation Information
- Fertilizer Ordinance Brochure
- Water's Worth It PSAs
- Eastern Red Cedar
- Recycling and Compost Information

UPCOMING EVENTS

Check back often for upcoming Green Norman events!

City of Norman, 201 W Gray St, Norman, OK 73069
Contact Us | About the Site
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Facebook Posts



City of Norman, OK - City Government

Written by Claudia Lackey Deakins [?] · August 14, 2017 at 7:50pm · 🌐

We all know litter is unsightly, harmful to the environment and to water quality. Did you know that animals that ingest plastic can suffer from serious illnesses? Small animals can crawl into bottles and jars, get stuck and starve to death. You can make a difference by recycling, properly disposing of your garbage and picking up roadside litter when you see it.



👍 Like

💬 Comment

➦ Share



City of Norman, OK - City Government shared their post.

Published by Claudia Lackey Deakins [?] · October 9 at 9:56am · 🌐

A new resident who moved from Charleston was surprised about how many people in Norman don't pick up after their pets, especially since we are such an environmentally-friendly community. This is an important health and water quality issue. Pet waste (dog and cat) transmits disease and it gets washed by rain into our streams and lake. You can help by sharing the message with your friends. Pick up pet waste - it's a small thing that makes a BIG difference for your community!



City of Norman, OK - City Government

Published by Claudia Lackey Deakins [?] · July 27 · 🌐

Pet waste contains bacteria, and carries hookworms, tapeworms, etc. It can pass diseases to our children. When rain carries it into the storm drain and on to st...

[See More](#)



August 2017

Clean Streets = Clean Stormwater

In Norman, stormwater runoff enters our Municipal Separate Storm Sewer System (a fancy way of saying stormwater conveyance system) and then drains directly into local rivers, streams and lakes, including Lake Thunderbird, our drinking water resource. Stormwater receives no treatment at all, which means that the plastic bottles, candy wrappers, cigarette butts, automotive fluids, construction wastes, paint, pet waste or yard chemicals you saw on the ground can be washed by rain or snow melt into the storm drains and into our local waterways. By keeping streets and storm drains clean, you can prevent trash, chemicals, and bacteria from going down the drain and popping up in our waterbodies.

What you can do:

- Dispose of any trash in the proper trash receptacle. Reuse or recycle if possible.
- Pick up any litter you see as you are walking. Plan or participate in a neighborhood, park or creek cleanup event. To plan such an event, call Michele at (405) 366-5435, and she can get you started. We provide trash bags, trash grabbers and gloves and help with disposal.
- When mowing your lawn, do not blow the clippings into the street. Sweep them up, mulch them into your lawn or take them to Norman's Compost Facility located at 398 Bratcher-Miner Rd.
- Do not hose down or sweep your sidewalk or driveway into the street.
 - ⇒ Leaves and grass clippings can contribute to algae growth which contributes to low oxygen levels in water and can kill aquatic life.
 - ⇒ Automotive fluids, even small amounts, will contaminate water and harm wildlife.
 - ⇒ Overspray from careless lawn and garden chemical application that is washed into local waterways also contributes to algae growth and low oxygen levels.
- Storm sewers and storm inlets are for rain and them to dump or dispose of liquids or solid waste.

City of Norman Contact Information

Zack Henson, CSI
Stormwater Compliance
Inspector
Office: 405-366-5456
Cell: 405-370-3295

Stuart Shumate, CSI
Stormwater Compliance
Inspector
Office: 405-217-7777
Cell: 405-323-7155

Michele Loudonback, RPES
Stormwater Program
Specialist
Office: 405-366-5435
Cell: 405-473-0578

Carrie Evenson, Ph.D., P.E.
Stormwater Program
Manager
Office: 405-366-5455
Cell: 405-365-4928

pwstormwater@normanok.gov
[http://www.normanok.gov/
content/storm-water-quality](http://www.normanok.gov/content/storm-water-quality)

Oklahoma Department of
Environmental Quality
Contact Information
Stormwater Program
Office: 405-702-8100
[http://www.deq.state.ok.us/
wqdnw/stormwater/
index.html](http://www.deq.state.ok.us/wqdnw/stormwater/index.html)

Swimming Pool and Hot Tub

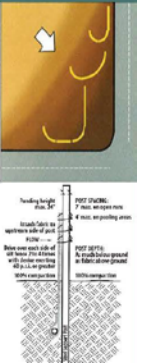
Discharging chlorinated pool or hot tub water into water harmful to fish and other wildlife. The best option at all season is to discharge the water into the sanitary sewer cannot do that, make sure the water is de-chlorinated pool or hot tub is drained. To de-chlorinate the water, chlorinating the water and allow it to sit for at least 24 hours the sun helps dissipate the chlorine. Use a pool test kit the pH is neutral (close to 7) and the chlorine is gone. courtesy, avoid draining the water across neighboring is important that salt water pool and hot tub water are backwash water always be sent to the sanitary sewer.

BUILDERS' CORNER

Did you know that silt fence is still the most common sediment control device used on construction sites? Its effectiveness in controlling sediment, however, can be limited because of improper placement, poor installation and/or inadequate maintenance. A silt fence is a temporary sediment barrier made of porous fabric that is held up by wood or metal posts driven into the ground. The fabric ponds sediment-laden stormwater runoff allowing the sediment to settle out of the water and be kept on site. Silt fence should be installed along contours with no more than 1/3 of an acre draining to a run. Instead of long runs of fence that are likely to concentrate water and cause failure, segment the site into smaller, more manageable areas that use multiple runs of fence with J-hooks. J-hooks have ends turning up a slope to provide multiple storage areas (see top right picture).

Additionally, silt fence must be installed correctly. This means the fence must be trenched in, the trench must be back-filled, and either side must be compacted (see bottom right picture). A properly installed silt fence will be sturdy and should be able to support 24" of sediment and water. Of course, like any BMP, silt fence must also be maintained. When sediment reaches half the height of the fence, it is time for maintenance. According to specifications, this maintenance can include removing the sediment or installing a second fence below the first one. When the winds come sweeping down the plains and tear, rip, or shred the silt fence, it is time for maintenance. When the sun or subcontractors damage the silt fence, it is time for maintenance. This maintenance includes replacing the silt fence. Remember, if a BMP is in place, it has to be maintained. Therefore, it is wise to fully remove the damaged fence and dispose of it properly.

Join the City of Norman and DEQ for an informative and helpful Builders Workshop on November 16, 2017. Call Michele at (405) 366-5435 for more details.

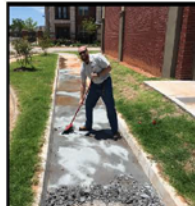


LETTING NATURE DO ITS JOB: XERISCAPING



The term xeriscape is derived from the Greek word xeros, meaning dry. Originally developed for drought-afflicted areas, the goal of a xeriscape is to create a visually attractive landscape that uses plants selected for their water efficiency. With proper maintenance, a xeriscape can use less than half of the water that a traditional landscape uses. Most conventional irrigation water is not absorbed by

plants but lost to runoff because the water is applied too quickly. Using drip irrigation combats this problem by slowly placing the water directly into the root zone and allowing the soil to maintain a uniform moisture level. Xeriscaping is well-suited for the use of drip irrigation. Xeriscapes use native and water-efficient plants that are grouped together based on their water needs so they can be watered effectively. Proper use of mulches (not heat-radiating stone) also encourages greater water retention while preventing weed growth.



CLEAN IT UP!

Accidents happen. This is just a fact. When a spill happens, you need to react quickly to minimize the impact. Spills and leaks are one of the largest contributors of stormwater pollutants. Having a spill prevention and response plan can help you determine the best way to handle any situation. Your plan should include ways to prevent pollutants from entering storm drain systems, ways to help prevent spills and leaks from occurring, including routine maintenance for vehicles and equipment, and protocols for quick and effective clean up. If using an absorbent, make sure you clean that up, too. If you see a spill or leak that needs to be addressed, please call the Action Center at (405) 366-5396. Together, we can protect our waterways!

UPCOMING EVENTS

Join us in October to have a beneficial impact on the Lake Thunderbird Watershed! We have several opportunities for you to make a difference as we do a clean-up blitz across the watershed culminating in a workshop and clean-up at the Lakel! Call Michele for more info.

October 1: NE Lions Park at 1800 Northliff Avenue

October 8: Griffin Community Park at 1001 E Robinson Street

October 22: Saxon Park at 2876 36th Avenue SE.

October 29: Lake Thunderbird at the Lake Thunderbird Boat House

MCM #2: PUBLIC PARTICIPATION AND INVOLVEMENT

Earth Day Festival, April 22, 2018



Open House Flyer—June 13, 2018

Stormwater Citizen Committee Open House

A flyer for the Stormwater Citizen Committee Open House. The background is a colorful geometric pattern of triangles in shades of yellow, orange, red, pink, and blue. A white box in the center contains the text: "Wednesday, June 13 6:30 p.m. Truman Elementary School's Cafeteria 600 Parkside Rd". Below this, two text boxes provide more information: "We want your input on a community solution proposed by fellow citizens for our flooding and water quality problems." and "Come learn about it, tell us what you think and be a part of the solution for our community's future!". At the bottom left are logos for the City of Norman and the Stormwater Committee. To the right of these logos is the text "Planning for Our Community's Future!".

MCM #3: ILLICIT DISCHARGE DETECTION AND ELIMINATION

Dry Weather Field Screening Form – Example from May 2017



DRY WEATHER FIELD SCREENING & ILLICIT DISCHARGE REPORT FORM



SECTION 1: BACKGROUND DATA

Hydrologic Unit Code (HUC) 12 Watershed: 110902020305, Upper Little River	DWFS <input checked="" type="checkbox"/> Complaint <input type="checkbox"/>	Date: 5/16/17 Time: 16:24
Outfall ID: B15 OR Generating Site Address:		
Investigators: M. Loudenback	Form completed by: Michele Loudenback	
Rainfall (in.): Last 24 hours: 0 Last 48 hours: 0	Photo #'s: Attached	
Land Use in Drainage Area (Check all that apply):		
<input type="checkbox"/> Industrial	<input type="checkbox"/> Open Space	
<input checked="" type="checkbox"/> Ultra-Urban Residential	<input type="checkbox"/> Institutional	
<input type="checkbox"/> Suburban Residential	Other: _____	
<input type="checkbox"/> Commercial	Known Industries: _____	
Notes: Concrete Culvert under GT Blankenship entering natural creek. The Lloyd Noble side of the street has riprap issues.		

SECTION 2: OUTFALL DESCRIPTION

LOCATION	MATERIAL	SHAPE	# OF PIPES	DIMENSIONS (IN.)	SUBMERGED
<input type="checkbox"/> RCP <input type="checkbox"/> CMP <input type="checkbox"/> Circular	<input checked="" type="checkbox"/> Single	Diameter/Dimensions:	In Water:	<input checked="" type="checkbox"/> No	

<input checked="" type="checkbox"/> Pipe	Flow Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If No, Skip to Section 4</i>
	Flow Description (If present) <input type="checkbox"/> Trickle <input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Substantial

<input checked="" type="checkbox"/> Open drainage
<input type="checkbox"/> In-Stream

SECTION 3: PHYSICAL INDICATORS FOR FLOWING OUTFALLS ONLY

Are Any Physical Indicators Present in the flow? ☐ Yes ☒ No *(If No, Skip to Section 4)*

INDICATOR	CHECK IF PRESENT	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rinsed/sear <input type="checkbox"/> Petroleum/gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1 - Faint <input type="checkbox"/> 2 - Easily detected <input type="checkbox"/> 3 - Noticeable from a distance
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1 - Faint colors in sample bottle <input type="checkbox"/> 2 - Clearly visible in sample bottle <input type="checkbox"/> 3 - Clearly visible in outfall flow
Turbidity	<input type="checkbox"/>	See severity	<input type="checkbox"/> 1 - Slight cloudiness <input type="checkbox"/> 2 - Cloudy <input type="checkbox"/> 3 - Opaque
Floatables -Does Not Include Trash!	<input type="checkbox"/>	<input type="checkbox"/> Sewage (Toilet Paper, etc.) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (oil sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1 - Few/light; origin not obvious <input type="checkbox"/> 2 - Some; indications of origin (e.g., possible suds or oil sheen) <input type="checkbox"/> 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

SECTION 4: PHYSICAL INDICATORS FOR BOTH FLOWING AND NON-FLOWING

Are physical indicators that are not related to flow present? ☒ Yes ☐ No

INDICATOR	CHECK IF PRESENT	DESCRIPTION
Outfall Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/> Spalling, Cracking or Chipping <input type="checkbox"/> Corrosion
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Only <input type="checkbox"/> Flow Line
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive
Poor pool quality	<input checked="" type="checkbox"/>	<input type="checkbox"/> Odor <input type="checkbox"/> Colors <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae
Pipe benthic growth	<input checked="" type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange

SECTION 5: MODE OF ENTRY

<input type="checkbox"/> Sewer cross connection	<input type="checkbox"/> Industrial cross connection
<input type="checkbox"/> Straight pipe	<input type="checkbox"/> Seepage
<input type="checkbox"/> Commercial cross connection	<input type="checkbox"/> Spills
<input type="checkbox"/> Outdoor washing	<input type="checkbox"/> Non-target irrigation
<input type="checkbox"/> Other	<input type="checkbox"/> Sewer overflow
Location of entry to stormsewer: _____	

SECTION 6: GENERATING SITE

<input type="checkbox"/> Residential	<input type="checkbox"/> Institutional
<input type="checkbox"/> Sewer cross connection	<input type="checkbox"/> Natural Causes
<input type="checkbox"/> Municipal	<input type="checkbox"/> Unknown
<input type="checkbox"/> Industrial	<input type="checkbox"/> Other
Location of discharge origin: _____	
Estimated amount of discharge: _____	

SECTION 7: ANY NON-ILLICIT DISCHARGE CONCERNS (E.G. TRASH OR NEEDED INFRASTRUCTURE REPAIRS)?

SECTION 8: ANY ANALYSES PERFORMED, IF SO, WHAT?

Pictures:



Spill Response Form – Example from August 29, 2017



City of Norman Stormwater Quality SPILL RESPONSE REPORT



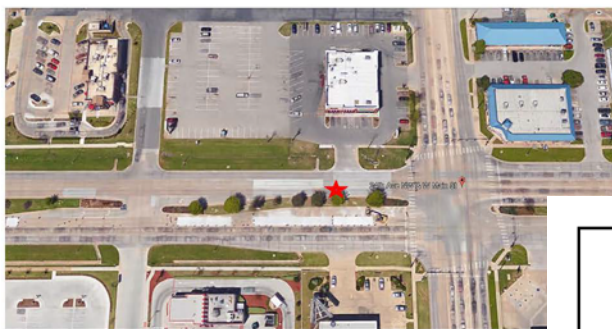
Site Name/Address: Intersection of Main St. and 24th Ave.
Date/Time: 8/29/2017 12:30 PM
Responding Personnel: Stan West

Current Weather: Clear
Spill Quantity: 10 gallons

Checklist	Yes	No	N/A	Comments
Has the spilled material discharged to the MS4?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Has the spilled material reached an MS4 outfall?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Has the spill been contained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Has the spilled material been identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Oil
Does the spilled material pose a health hazard?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the spilled material pose an environmental hazard?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the spill require notification to other entities (ODEQ, ODOT, etc.)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Has the spill been properly cleaned?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Has the responsible party been identified?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Could not identify
Has the responsible party been notified?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

☒ Attached Documents –

Location Map



Spill Response Documentation

Photo	Description
	Oil spilled onto westbound Main St.
	Oil spilled onto Main St.
	Cedar mulch was used to dam the flow.

Comments: Absorbent was added and brushed into the oil. A street sweeper was used to remove the absorbent.

Inspector's Name: Michele Loudonback

Date: August 29, 2017

MCM #4: CONSTRUCTION SITE RUNOFF CONTROL



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 ☐ PRIMARY CONTACT ☐ SECONDARY CONTACT

NAME (PRINTED): _____ COMPANY: _____
 ADDRESS: _____ CITY: _____ STATE: _____ ZIP: _____
 PHONE: _____ CELL: _____ E-MAIL: _____

GENERAL CONTRACTOR ☐ PRIMARY CONTACT ☐ SECONDARY CONTACT

☐ CHECK IF SAME AS APPLICANT

NAME (PRINTED): _____ COMPANY: _____
 ADDRESS: _____ CITY: _____ STATE: _____ ZIP: _____
 PHONE: _____ CELL: _____

ENGINEER/DESIGNER

NAME (PRINTED): _____ COMPANY: _____
 ADDRESS: _____ CITY: _____ STATE: _____ ZIP: _____
 PHONE: _____ CELL: _____

FOR OFFICE USE		
PERMIT#: _____	WARD: _____	FEE: _____
WATERSHED: _____	SUB-WATERSHED: _____	
RECEIVING WATER: _____	DATE: _____	
APPROVED BY: _____		

May 8, 2017



City of Norman Stormwater 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	Yes/ Good	No/ 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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
SWP3 Location Noted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Records Up to Date	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
BMPs Properly Installed as Per ECP Specs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Silt Fence / Perimeter Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Inlet Protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Construction Entrance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Offsite Tracking	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Dust Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Outlet / Flume / Culvert Protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Unauthorized Discharge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Offsite Sediment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Solid Waste Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Concrete Washout Area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Check Dams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Fuel Storage Area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Pollutants Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Stabilization / Erosion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Bare Areas >14 Days Stabilized	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Portable Toilet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Inspectors Name: _____ Date: _____

MCM #5: POST-CONSTRUCTION STORMWATER MANAGEMENT

Water Quality Protection Zone

§ 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.

Detention Pond Inspection Form – October 25, 2017



City of Norman
Storm Water Quality



STORM WATER POND INSPECTION FORM

Site Name: Carrington Lake Number: 166 Location: W Franklin Rd & NW 36th Ave
Date: 10/25/2017 Time: 10:00 Inspection Type: ☒ Initial ☐ Routine ☐ Other
Weather: Dry Last Rain Date: 10/22/2017 Amount: 0.14 in

Status: ☐ Under Construction ☒ Completed ☐ Agricultural Pond*
☐ Dry Pond ☒ Wet Pond

Inspection Checklist	Yes	No	N/A	Comments/Recommendations.
Trash/Debris in or around pond?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exceptionally clean area
Erosion on pond side slopes, berms or outlet?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Sediment entering pond?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Excessive vegetation in pond?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Large amounts of dead leaves and other vegetation along pond sides.
Inlet/Outlet structures in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Trees in pond or on pond berms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Small trees located along berm, one which from erosion is tilting in towards pond.
Sheen or foam on water surface?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Chemical/offensive odors?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Nuisance wildlife present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Other notes				Private Pond. Overall good condition.

Photo #	Picture	Comments
CL-1		
CL-2		
CL-3		
CL-5		
CL-6		
CL-7		
CL-8		
CL-9		

Inspector: Stephen Henry

*previously existing agricultural pond converted to detention use.

MCM #6: MUNICIPAL GOOD HOUSEKEEPING

Monthly Employee Newsletter



CITY OF NORMAN

The Employee Connection

Working Together to Deliver Exceptional Service

March 2018

Employee Recognition Events

Police Department



Jim Keesee was recognized for 35 years of service.



Ron Collett was recognized for 25 years of service.



Scott Fennell was recognized for 25 years of service.



Steve Lowe was recognized for 20 years of service.



Ray Goins was recognized for 20 years of service.



Michael Heath was recognized for 20 years of service.



Robert Ridner was recognized for 20 years of service.



Jamie Shattuck was recognized for 20 years.



Susannah Bishop was recognized for 20 years of service.



Carey Bryant was recognized for 15 years of service.

Congratul

Newsletter Criteria

As we strive to streamline this publication, we offer a few guidelines to provide consistency and continuing to provide a resource for City information and sharing.

- For Sale Items \$50+
- Events Norman-based
- No solicitation
- City employee-related announcements
- All promotional offers must be a direct benefit for employees
- Departmental tips submitted for publication must be approved by a supervisor.

For A Listing of Current City Jobs

Job Line

(405) 366-5321

www.normanok.gov

HR Job Postings Link

Human Resources

Job Board

Applications may be obtained in Human

Resources.



Ever wonder what happens to the rainwater that runs off your roof, driveway or sidewalks? Or where it goes when it enters those grates in the street? Those storm drains are a part of the system of underground pipes, open channels and drainage ditches that take our stormwater runoff away from our houses to the nearest creek or stream.

Whatever that stormwater is carrying goes right out into creeks, streams and eventually Lake Thunderbird, where we swim, fish and get our drinking water. Some of the things that stormwater can be carrying include oil, trash, fertilizer, pesticides and bacteria from that dog poo you forgot to pick up during Fido's last walk. Pretty gross right?



HERE ARE SOME WAYS YOU CAN HELP KEEP OUR STORMWATER CLEAN

1. Only rain should enter storm drains. If you notice violations, please report it to the City of Norman Action Center at (405) 366-5396 or ActionCenter@NormanOK.gov or you can contact Stormwater Division staff at PWSstormwater@NormanOK.gov.
2. Norman has an ordinance which restricts the use of phosphorus-containing fertilizers. Natural or organic fertilizers are recommended. Consider visiting the City's compost facility to get some for free. Visit GreenNorman.org for more information.
3. Properly dispose of used motor oil, paint and other household chemicals. Visit the City of Norman's Environmental Services site for a list of disposal options: normanok.gov/utilities/environmental-services-household-hazardous
4. Properly dispose of used cooking oil by collecting it in an old can or glass jar, allow it to cool and toss it in the trash. For large amounts of cooking grease, consider taking it to the drop-off site at the City of Norman's transfer station, located at 3901 Chastain Ave.
5. Do the right thing and pick up your pet's waste. Pet waste can carry harmful bacteria and parasites.
6. Clean your sidewalks and patios with a broom, dustpan and garage can instead of washing them with a garden hose.



City of Norman
Stormwater Quality
366-5435
pwsstormwater@normanok.gov

Appendix B

<i>Category</i>	<i>Description</i>
Blowing Dust	Calls regarding dust or sand being blown from construction sites
Debris/Dumping	Calls regarding improper disposal of materials or debris
Discharge	Calls regarding liquids other than stormwater flowing down the street or from a particular location
Drainage	Calls regarding stormwater runoff issues onto or away from property
Erosion	Calls regarding removal and transport of soil due to water or wind
Illicit Discharge	Calls regarding anything other than stormwater entering a storm drain or pipe
Property Maintenance	Calls regarding improper maintenance of property (e.g. overspray from pesticide or fertilizer applications)
Rain Barrels	Calls regarding purchasing or installing rain barrels
Sewage Bypass	Calls regarding sanitary sewer/wastewater spill or leak from sewer system
Spill	Calls regarding the release of any material/substance from its container
Storm Drain Maintenance	Calls regarding various issues related to storm drains (e.g. maintenance needs, unusual smells, etc.)
Swimming Pool Discharge	Calls regarding the discharge of swimming pool water into street or storm drain or onto neighboring property
Tracking	Calls regarding the transport of dirt off a construction site due to vehicle or equipment traffic
Utility Project	Calls regarding municipal utility projects
Yard Waste	Calls regarding blowing, sweeping, or otherwise placing grass clippings or leaves in the street or down a storm drain
<Unknown>	Calls that need additional follow-up or don't fit into other categories

Summary of All Calls January 1, 2017-June 30, 2018

<i>Date Received</i>	<i>Location</i>	<i>Complainant</i>	<i>Routed To</i>	<i>Category</i>	<i>Status</i>
1/5/2017	408 W. Main St	Bridget Hefner	Unknown	Utility Project	CLOSED
1/9/2017	Robinson & Peters	Debbie Smith	Unknown	Spill	CLOSED
1/10/2017	2320 Valley Hollow	Blaine Nice	Unknown	Drainage	CLOSED
1/11/2017	Woodcreek Park	Will	Unknown	Drainage	CLOSED
1/20/2017	1015 W. Lindsey	Bennie Ellis	Unknown	Drainage	CLOSED
2/6/2017	N/A	Lisa	Unknown	Rain Barrels	CLOSED
2/6/2017	Porter and Tecumseh	Cathy Canty	Zack Henson	Spill	CLOSED
2/7/2017	N/A	Anon.	Unknown	Rain Barrels	CLOSED
2/8/2017	St James Park Detention Pond	Don Cervi	Unknown	Erosion	CLOSED
2/9/2017	N/A	Anthony Demico	Unknown	Rain Barrels	CLOSED
2/9/2017	N/A	Anon.	Unknown	<Unknown>	CLOSED
2/9/2017	1313 Howie Circle	Vance Mancer	Unknown	<Unknown>	CLOSED
2/13/2017	Whispering Pines	BJ Dow	Unknown	Drainage	CLOSED
2/15/2017	N/A	Robert Egle	Unknown	Rain Barrels	CLOSED
2/15/2017	N/A	Anon.	Unknown	<Unknown>	CLOSED
2/15/2017	Mile of Cars	Randy Gill	Unknown	Drainage	CLOSED
2/16/2017	633 Sherwood Dr	Thurman Edwards	Unknown	Drainage	CLOSED

2/16/2017	Flood Ave	Mrs. Westner	Unknown	<Unknown>	CLOSED
2/16/2017	Norman High School	Dawn Nee	Unknown	Erosion	CLOSED
2/17/2017	4112 Sunvalley Dr	David	Unknown	Drainage	CLOSED
2/17/2017	N/A	Anon.	Unknown	Rain Barrels	CLOSED
2/17/2017	Southern Plains Treatment	J. Hill Homes	Unknown	<Unknown>	CLOSED
2/17/2017	N/A	Anon.	Unknown	<Unknown>	CLOSED
2/17/2017	N/A	Mr. Locklear	Unknown	Rain Barrels	CLOSED
2/20/2017	Whispering Pines	BJ Dow	Unknown	Drainage	CLOSED
2/20/2017	N/A	Becky Morris	Unknown	Rain Barrels	CLOSED
2/20/2017	N/A	Pat Freeman	Unknown	<Unknown>	CLOSED
2/20/2017	N/A	Milly Roberson	Unknown	Rain Barrels	CLOSED
2/20/2017	2400 Palmer Circle	Mary King	Unknown	Drainage	CLOSED
2/21/2017	N/A	Kay	Unknown	Rain Barrels	CLOSED
2/21/2017	N/A	Anon.	Unknown	<Unknown>	CLOSED
2/21/2017	1400 Green Hill	Dana Miller	Unknown	Yard Waste	CLOSED
2/21/2017	N/A	Gordon Flagg	Unknown	Rain Barrels	CLOSED
2/21/2017	N/A	Anon.	Unknown	Rain Barrels	CLOSED
2/21/2017	240 Olde Brook Court	Betty Allen	Unknown	Drainage	CLOSED
2/21/2017	N/A	Vicki Smith	Unknown	Rain Barrels	CLOSED
2/21/2017	N/A	Rajesh	Unknown	Rain Barrels	CLOSED
2/22/2017	NE Corner of Daws and Jones	Everett Wurst	Unknown	Drainage	CLOSED
2/22/2017	N/A	Jenny Hamel	Unknown	Rain Barrels	CLOSED
2/22/2017	Franklin Rd past 36th Ave NE	Jesse Wells	Unknown	WQPZ	CLOSED
2/22/2017	N/A	John Carter	Unknown	Rain Barrels	CLOSED
2/22/2017	N/A	Kay	Unknown	Rain Barrels	CLOSED
2/23/2017	N/A	Liz Clark	Unknown	Rain Barrels	CLOSED
2/23/2017	N/A	Charles Sanders	Unknown	Rain Barrels	CLOSED
2/23/2017	N/A	Carolyn Paul	Unknown	Rain Barrels	CLOSED
2/27/2017	N/A	Anon.	Unknown	Rain Barrels	CLOSED
2/27/2017	N/A	Jessica Bruehl	Unknown	Rain Barrels	CLOSED
2/27/2017	N/A	Irish Gibson	Unknown	Rain Barrels	CLOSED
2/27/2017	144th Ave SE South of Stella Road	Robert Spiva	Unknown	Spill	CLOSED
2/27/2017	N/A	Michael Kramer	Unknown	<Unknown>	CLOSED
2/27/2017	N/A	Michael Kramer	Unknown	Rain Barrels	CLOSED
2/27/2017	N/A	James Bednar	Unknown	Rain Barrels	CLOSED
2/27/2017	N/A	Marvin Birdwell	Unknown	Rain Barrels	CLOSED
2/28/2017	N/A	Aleta Campbell	Unknown	Rain Barrels	CLOSED
2/28/2017	N/A	Anon.	Unknown	Rain Barrels	CLOSED
2/28/2017	N/A	Anon.	Unknown	Rain Barrels	CLOSED

<i>Date Received</i>	<i>Location</i>	<i>Complainant</i>	<i>Routed To</i>	<i>Category</i>	<i>Status</i>
2/28/2017	N/A	Anon.	Unknown	Rain Barrels	CLOSED
2/28/2017	N/A	Ed Ma	Unknown	Rain Barrels	CLOSED
2/28/2017	N/A	Sherry King	Unknown	Rain Barrels	CLOSED
2/28/2017	N/A	Karen	Unknown	Rain Barrels	CLOSED
2/28/2017	N/A	Rose Jones	Unknown	Rain Barrels	CLOSED
2/28/2017	N/A	Anon.	Unknown	Rain Barrels	CLOSED
2/28/2017	N/A	Anon.	Unknown	Rain Barrels	CLOSED
3/1/2017	N/A	Sandra	Unknown	Rain Barrels	CLOSED
3/1/2017	N/A	Bobbie Stapp	Unknown	Rain Barrels	CLOSED
3/1/2017	N/A	Cara	Unknown	Rain Barrels	CLOSED
3/1/2017	N/A	Mary Garfield	Unknown	Rain Barrels	CLOSED
3/1/2017	N/A	Paula Allen	Unknown	Rain Barrels	CLOSED
3/2/2017	N/A	Anon.	Unknown	Rain Barrels	CLOSED
3/2/2017	N/A	Donnie Walls	Unknown	Rain Barrels	CLOSED
3/2/2017	N/A	Bruce Rowley	Unknown	<Unknown>	CLOSED
3/2/2017	N/A	Anon.	Unknown	Rain Barrels	CLOSED
3/2/2017	3005 Harwich Ct	Cory Shoorkin	Unknown	Drainage	CLOSED
3/2/2017	Havenbrook Bridge	Anon.	Unknown	Drainage	CLOSED
3/2/2017	N/A	Steve	Unknown	Rain Barrels	CLOSED
3/2/2017	N/A	N/A	Unknown	<Unknown>	CLOSED
3/2/2017	N/A	Steve	Unknown	Rain Barrels	CLOSED
3/2/2017	St James Park Detention Pond	Don Cervi	Unknown	Drainage	CLOSED
3/6/2017	Franklin Rd past 36th Ave NE	Jesse Wells	Unknown	WQPZ	CLOSED
3/6/2017	N/A	Karen Dhrberg	Unknown	Rain Barrels	CLOSED
3/6/2017	6400 Belmar Circle	Biff Zelenka	Unknown	Erosion	CLOSED
3/6/2017	SW Corner of 149th & Stella Rd	WFEC	Unknown	<Unknown>	CLOSED
3/7/2017	N/A	Anna	Unknown	Rain Barrels	CLOSED
3/7/2017	N/A	Anon.	Unknown	Rain Barrels	CLOSED
3/7/2017	N/A	Ron	Unknown	Rain Barrels	CLOSED
3/7/2017	N/A	Anon.	Unknown	Rain Barrels	CLOSED
3/7/2017	N/A	James	Unknown	Rain Barrels	CLOSED
3/7/2017	Prairie Creek Park	Susan Bradley	Unknown	Debris / Dumping	CLOSED
3/7/2017	N/A	John Harrison	Unknown	Rain Barrels	CLOSED
3/8/2017	N/A	Anon.	Unknown	Rain Barrels	CLOSED
3/8/2017	3000 84th Ave SE	Jerry Higginbottom	Unknown	Property Maintenance	CLOSED
3/9/2017	N/A	Chris Ward	Unknown	Rain Barrels	CLOSED
3/9/2017	Irving Middle School	Ken Linn	Unknown	Blowing Dust	CLOSED
3/9/2017	N/A	Maria	Unknown	Rain Barrels	CLOSED

3/9/2017	Irving Middle School	Ken Linn	Unknown	Blowing Dust	CLOSED
<i>Date Received</i>	<i>Location</i>	<i>Complainant</i>	<i>Routed To</i>	<i>Category</i>	<i>Status</i>
3/9/2017	N/A	Unknown	Unknown	Rain Barrels	CLOSED
3/10/2017	N/A	Debra Holland	Unknown	Rain Barrels	CLOSED
3/10/2017	240 Olde Brook Court	Betty Allen	Unknown	Drainage	CLOSED
3/13/2017	535 S. Pickard	JW Dansby	Unknown	Flood Protection	CLOSED
3/14/2017	N/A	Cindee Herron	Unknown	Rain Barrels	CLOSED
3/14/2017	N/A	Anna	Unknown	Rain Barrels	CLOSED
3/14/2017	N/A	Julie McClay	Unknown	Rain Barrels	CLOSED
3/14/2017	633 Sherwood Dr	Thurman Edwards	Unknown	Drainage	CLOSED
3/14/2017	N/A	Tom Wenzel	Unknown	Rain Barrels	CLOSED
3/14/2017	N/A	Anon.	Unknown	Rain Barrels	CLOSED
3/14/2017	Woodcrest Creek Dr	Tammi Pearson	Unknown	Utility Project	CLOSED
3/14/2017	Cambridge Place #4	Carl Cacciatore	Unknown	Drainage	CLOSED
3/14/2017	N/A	Anon.	Unknown	Rain Barrels	CLOSED
3/14/2017	St James Park Detention Pond	Jay Cervi	Unknown	Drainage	CLOSED
3/14/2017	535 S. Pickard	Steve Mohr	Unknown	Flood Protection	CLOSED
3/14/2017	535 S. Pickard	JW Dansby	Unknown	Flood Protection	CLOSED
3/15/2017	N/A	Chris Lattislaw	Unknown	Rain Barrels	CLOSED
3/15/2017	535 S. Pickard	JW Dansby	Unknown	Flood Protection	CLOSED
3/16/2017	Life Church	Benjamin Shamrock	Unknown	Erosion	CLOSED
3/16/2017	N/A	Tambra Gifford	Unknown	Rain Barrels	CLOSED
3/20/2017	3228 Cove Hollow Ct	Fred Tawes	Unknown	Drainage	CLOSED
3/20/2017	N/A	David Maynard	Unknown	Rain Barrels	CLOSED
3/20/2017	4790 E. Indian Hills	Leslie Rard	Unknown	Flood Protection	CLOSED
3/20/2017	4923 Oak Brook Dr	Diana Feaster	Unknown	Drainage	CLOSED
3/20/2017	N/A	Anon.	Unknown	Rain Barrels	CLOSED
3/20/2017	N/A	John Carson	Unknown	Rain Barrels	CLOSED
3/20/2017	Stella Road	Russ Ellis	Unknown	Flood Protection	CLOSED
3/20/2017	Cambridge Place #4	Carl Cacciatore	Unknown	Drainage	CLOSED
3/20/2017	N/A	Ruth Whitsitt	Unknown	Rain Barrels	CLOSED
3/20/2017	N/A	Anon.	Unknown	Rain Barrels	CLOSED
3/21/2017	N/A	Glenda Wade	Unknown	Rain Barrels	CLOSED
3/21/2017	N/A	Jamie	Unknown	Rain Barrels	CLOSED
3/22/2017	7900 Alameda Street	Brad Curran	Unknown	Drainage	CLOSED
3/22/2017	N/A	Maria Kunkel	Unknown	Rain Barrels	CLOSED
3/22/2017	Lamppost Rd and Salem Ct	Anon.	Unknown	Yard Waste	CLOSED
3/23/2017	N/A	Mike Cassettari	Unknown	Rain Barrels	CLOSED
3/23/2017	Founders Park	Kent Connally	Unknown	WQPZ	CLOSED

3/23/2017	424 University	Rand Yokum	Unknown	Flood Protection	CLOSED
<i>Date Received</i>	<i>Location</i>	<i>Complainant</i>	<i>Routed To</i>	<i>Category</i>	<i>Status</i>
3/23/2017	N/A	Janet	Unknown	Rain Barrels	CLOSED
3/23/2017	N/A	Lucas Plunk	Unknown	Rain Barrels	CLOSED
3/23/2017	600 Blackhawk Dr	Greg Clarbourn	Unknown	Drainage	CLOSED
3/27/2017	N/A	Larry Hill	Unknown	Rain Barrels	CLOSED
3/28/2017	N/A	Robbie	Unknown	Manufactured Fertilizer	CLOSED
3/28/2017	5649 Pioneer Circle	John Graham	Unknown	Flood Protection	CLOSED
3/28/2017	Prairie Creek Park	Anon.	Unknown	Drainage	CLOSED
3/29/2017	Lindsey and McGee	Mrs. Allen	Unknown	Drainage	CLOSED
3/29/2017	4204 Classen Circle	Jim Emo	Unknown	Drainage	CLOSED
3/29/2017	Main St and Willoway	Anon.	Unknown	Erosion	CLOSED
3/29/2017	Cleveland County	Lahoma	Unknown	Flood Protection	CLOSED
3/29/2017	N/A	Tammy	Unknown	Rain Barrels	CLOSED
3/29/2017	72nd & Cedar Lane	Gary Coles	Unknown	Drainage	CLOSED
3/29/2017	600 Blackhawk Dr	Greg Clarbourn	Unknown	Drainage	CLOSED
3/29/2017	N/A	Kay Mauldin	Unknown	Rain Barrels	CLOSED
3/29/2017	N/A	Bruce Rowley	Unknown	Rain Barrels	CLOSED
3/29/2017	N/A	Warren Langford	Unknown	Rain Barrels	CLOSED
3/29/2017	240 Olde Brook Court	Betty Allen	Unknown	Drainage	CLOSED
3/29/2017	N/A	Anna Godfredson	Unknown	Rain Barrels	CLOSED
3/29/2017	N/A	Karen Acker	Unknown	Rain Barrels	CLOSED
3/29/2017	Robinson & Cabela Ct	Chris Moxley	Unknown	Drainage	CLOSED
3/29/2017	3708 Burlington Dr	Susan Barber	Unknown	Drainage	CLOSED
3/30/2017	N/A	Justin	Unknown	Manufactured Fertilizer	CLOSED
3/30/2017	N/A	Irish Green Lawn Care	Unknown	Manufactured Fertilizer	CLOSED
3/30/2017	N/A	Jackie Johnson	Unknown	Manufactured Fertilizer	CLOSED
3/30/2017	921 Woods Ave	Fred Stewart	Unknown	Drainage	CLOSED
3/30/2017	521 Laleh Ct.	Rebecca Williams	Zack Henson	Discharge	CLOSED
4/3/2017	N/A	Merrilee Ishii	Unknown	Rain Barrels	CLOSED
4/3/2017	Intrust Bank on 36th Ave NW	Alison	Unknown	Drainage	CLOSED
4/3/2017	N/A	Marilyn Blake	Unknown	Rain Barrels	CLOSED
4/4/2017	N/A	Anon.	Unknown	Rain Barrels	CLOSED
4/4/2017	212 S. Lahoma	Clay Vaughn	Unknown	Flood Protection	CLOSED
4/4/2017	St James Park Detention Pond	Maureen with NEDC	Unknown	Drainage	CLOSED
4/4/2017	2427 Berry Rd	Susan Beyer	Unknown	Drainage	CLOSED
4/4/2017	N/A	JK's Weed Control	Unknown	Manufactured Fertilizer	CLOSED

4/5/2017	N/A	Diana Dorman	Unknown	Rain Barrels	CLOSED
<i>Date Received</i>	<i>Location</i>	<i>Complainant</i>	<i>Routed To</i>	<i>Category</i>	<i>Status</i>
4/5/2017	N/A	Robert Pettit	Unknown	SWU	CLOSED
4/5/2017	N/A	Anon.	Unknown	Manufactured Fertilizer	CLOSED
4/5/2017	2432 Wyandotte Way	Diane Freeman	Unknown	Drainage	CLOSED
4/5/2017	501 36th Ave NW	Chad Depew	Unknown	Drainage	CLOSED
4/7/2017	N/A	Robert Pettit	Unknown	SWU	CLOSED
4/7/2017	Eastridge Detention Ponds	Jay Cervi	Unknown	Erosion	OPEN
4/7/2017	115 Park Dr	Ms. Newhouse	Unknown	Flood Protection	CLOSED
4/7/2017	4401 Warrington Way	Michael Mohr	Unknown	Rain Barrels	CLOSED
4/10/2017	St James Park Detention Pond	Matt Rom	Unknown	Drainage	CLOSED
4/11/2017	N/A	Gordon Flygard	Unknown	Rain Barrels	CLOSED
4/12/2017	N/A	Rick Guy	Unknown	Yard Waste	CLOSED
4/13/2017	N/A	Kristina Bealer	Unknown	Property Maintenance	CLOSED
4/13/2017	2008 Swan Hollow	Kristina Bealer	Unknown	Property Maintenance	CLOSED
4/13/2017	2008 Swan Hollow	Brian Worthington	Unknown	Property Maintenance	CLOSED
4/14/2017	Tiffin Ave & Rich Street	Alison	Unknown	Drainage	CLOSED
4/14/2017	Franklin & Western	Lance Farley	Unknown	Drainage	CLOSED
4/14/2017	Victory Church	Cindy Adams	Unknown	Erosion	CLOSED
4/17/2017	209 Pinafore Dr	Sean Gurney	Unknown	Property Maintenance	CLOSED
4/17/2017	N/A	Jeff Gillean	Unknown	Manufactured Fertilizer	CLOSED
4/17/2017	N/A	Mosquito Authority	Unknown	Manufactured Fertilizer	CLOSED
4/17/2017	Robin Hood Lane	Nisbett	Unknown	Drainage	CLOSED
4/18/2017	4305 Golden Oaks Circle	Matt Fisher	Unknown	Drainage	CLOSED
4/18/2017	Victory Church	Cindy Adams	Unknown	Erosion	CLOSED
4/19/2017	N/A	Maribelle Patterson	Unknown	Rain Barrels	CLOSED
4/19/2017	3708 Burlington Dr	Susan Barber	Unknown	Drainage	CLOSED
4/21/2017	112 Chardonnay Lane	Jerrie Bhone	Unknown	Drainage	CLOSED
4/21/2017	481 College Ave	Bill Wilson	Unknown	Drainage	CLOSED
4/24/2017	Norman Regional Healthplex	Jerry Skinner	Unknown	Drainage	CLOSED
4/24/2017	3228 Cove Hollow Ct	Fred Tawes	Unknown	Drainage	CLOSED
4/25/2017	N/A	Sara Morris	Unknown	Rain Barrels	CLOSED
4/26/2017	4709 Ranchwood Terrace	Kyle Power	Unknown	Drainage	CLOSED
5/2/2017	115 Vida Way	Unknown	Michele Loudenback	Yard Waste	CLOSED
5/2/2017	2444 Fairway Ct.	Unknown	Michele Loudenback	Swimming Pool Discharge	CLOSED
5/3/2017	1401 36th Ave. NE	Unknown	Michele Loudenback	Discharge	CLOSED

<i>Date Received</i>	<i>Location</i>	<i>Complainant</i>	<i>Routed To</i>	<i>Category</i>	<i>Status</i>
5/4/2017	1311 Nebraska	Unknown	Michele Loudenback	Illicit Discharge	CLOSED
5/5/2017	602 Inverness Ct.	Unknown	Michele Loudenback	Yard Waste	CLOSED
5/5/2017	St James Park Detention Pond	Don Cervi	Unknown	Drainage	CLOSED
5/5/2017	115 W. Haddock Street	Delores Clark	Unknown	Drainage	CLOSED
5/9/2017	Franklin Rd & 91st NE	Mr. Parnell	Unknown	Drainage	CLOSED
5/10/2017	36th Ave. SW and Main	Unknown	Michele Loudenback	Yard Waste	CLOSED
5/10/2017	1015 N. Flood Ave.	Unknown	Michele Loudenback	Yard Waste	CLOSED
5/11/2017	City wide	Unknown	Michele Loudenback	<Unknown>	CLOSED
5/17/2017	2919 Meadow Ave.	Unknown	Michele Loudenback	Erosion	CLOSED
5/26/2017	906 E. Lindsey Ave.	Unknown	Michele Loudenback	Yard Waste	CLOSED
5/31/2017	131 12th Ave. NE	Unknown	Michele Loudenback	Yard Waste	CLOSED
5/31/2017	3600 W. Tecumseh Rd.	Unknown	Michele Loudenback	Property Maintenance	CLOSED
6/1/2017	3550 W. Robinson St.	Unknown	Michele Loudenback	Yard Waste	CLOSED
6/5/2017	Norman	Lydia Leslie	Michele Loudenback	<Unknown>	CLOSED
6/5/2017	1908 Banbury Ct.	Angela Marquadt	Michele Loudenback	Erosion	CLOSED
6/5/2017	Tecumseh and 24th NW	June Young	Michele Loudenback	<Unknown>	CLOSED
6/5/2017	3804 Canonbury Rd.	Unknown	Michele Loudenback	Discharge	CLOSED
6/6/2017	SHops at Tecumseh	Unknown	Michele Loudenback	<Unknown>	CLOSED
6/7/2017	1707 Topeka St.	Unknown	Michele Loudenback	Yard Waste	CLOSED
6/7/2017	2054 Rising Hill Dr.	Unknown	Michele Loudenback	Yard Waste	CLOSED
6/8/2017	McFarlin Methodist Church	Unknown	Michele Loudenback	Yard Waste	CLOSED
6/8/2017	325 Garrison Dr.	Don Gras	Michele Loudenback	Yard Waste	CLOSED
6/12/2017	Mardel	Don Gras	Michele Loudenback	Yard Waste	CLOSED
6/16/2017	605 Heatherhill	Unknown	Michele Loudenback	Yard Waste	CLOSED
6/16/2017	1836 W. Robinson	Tamara Jewell	Michele Loudenback	Yard Waste	CLOSED
6/16/2017	Meadow Ridge and Harrogate	Unknown	Michele Loudenback	Yard Waste	CLOSED
6/19/2017	109 Haywood	Unknown	Michele Loudenback	Yard Waste	CLOSED
6/19/2017	Mission	Unknown	Michele Loudenback	Yard Waste	CLOSED

<i>Date Received</i>	<i>Location</i>	<i>Complainant</i>	<i>Routed To</i>	<i>Category</i>	<i>Status</i>
6/20/2017	Glen Oaks	Tamara Jewell	Michele Loudenback	Yard Waste	CLOSED
6/26/2017	Victory Church	Greg Barker	Michele Loudenback	Flood Protection	CLOSED
6/28/2017	Greener Side	Shannon Garrison	Michele Loudenback	Fertilizer	CLOSED
6/29/2017	72nd And Alameda	Darry Stacy	Michele Loudenback	Discharge	CLOSED
6/29/2017	24th SE and Lindsey	Kurt Callin	Michele Loudenback	Erosion	CLOSED
6/30/2017	Jones and Himes	Tamara Jewell	Michele Loudenback	Yard Waste	CLOSED
7/17/2017	2101 Classen Blvd	Unknown	Michele Loudenback	Yard Waste	CLOSED
7/17/2017	Muskogee	Unknown	Michele Loudenback	<Unknown>	CLOSED
7/17/2017	City of Norman	Unknown	Michele Loudenback	Erosion	CLOSED
7/19/2017	Brookhaven Village	Unknown	Michele Loudenback	Yard Waste	CLOSED
7/19/2017	601 24th Ave SW	Unknown	Michele Loudenback	Yard Waste	CLOSED
7/19/2017	841 Coopers Hawk Dr.	Betty Reel	Michele Loudenback	Yard Waste	CLOSED
7/24/2017	Tecumseh and 12th	Unknown	Michele	Erosion	CLOSED
7/25/2017	E of 217 E. Telstar	Unknown	Michele Loudenback	Yard Waste	CLOSED
7/25/2017	N/A	Nicholas Czaplewski	Michele Loudenback	Rain Barrels	CLOSED
7/26/2017	City of Norman	Unknown	Michele Loudenback	<Unknown>	CLOSED
7/31/2017	2001 Grassand Dr,	Mike Smith	Michele Loudenback	Swimming Pool Discharge	CLOSED
7/31/2017	Alameda & 12th NE	Tamara Jewell	Michele Loudenback	Debris / Dumping	CLOSED
8/3/2017	917 Queenston Ave.	Carrie Evenson	Michele Loudenback	Yard Waste	CLOSED
8/3/2017	1512 Willowcliff ct	Unknown	Michele Loudenback	<Unknown>	CLOSED
8/3/2017	1317 Clearwater	Tamara Jewell	Michele Loudenback	Yard Waste	CLOSED
8/3/2017	228 Ness Dr.	Todd McLellan	Michele Loudenback	Yard Waste	CLOSED
8/7/2017	Lindsey and 24th	Tamara Jewell	Michele Loudenback	Yard Waste	CLOSED
8/8/2017	919 Deon Cir	Jenny Jenkins	Michele Loudenback	<Unknown>	CLOSED
8/9/2017	621 E. Linn	Tamara Jewell	Michele Loudenback	Yard Waste	CLOSED
8/9/2017	2813 Creekview Place	Tamara Jewell	Michele Loudenback	Yard Waste	CLOSED
8/10/2017	221 W. Boyd	Don Gras	Michele Loudenback	<Unknown>	CLOSED
8/10/2017	McFarlin Methodist Church	Don Gras	Unknown	Yard Waste	CLOSED

<i>Date Received</i>	<i>Location</i>	<i>Complainant</i>	<i>Routed To</i>	<i>Category</i>	<i>Status</i>
8/11/2017	24th Ave NW	Eric Williams	Michele Loudenback	<Unknown>	CLOSED
8/14/2017	1205 Westlawn	Unknown	Michele Loudenback	Yard Waste	CLOSED
8/15/2017	Lindsey and 24th	Tamara Jewell	Michele Loudenback	Yard Waste	CLOSED
8/15/2017	2716 Glen Oaks	Tamara Jewell	Michele Loudenback	Yard Waste	CLOSED
8/15/2017	Ashton Apartments	Tamara Jewell	Michele Loudenback	Yard Waste	CLOSED
8/15/2017	Mission Norman	Tamara Jewell	Michele Loudenback	Yard Waste	CLOSED
8/15/2017	1318 Clearwater	Tamara Jewell	Michele Loudenback	Yard Waste	CLOSED
8/17/2017	208 E. Daws	Tom	Michele Loudenback	Yard Waste	CLOSED
8/17/2017	Aspen Heights	Joaquin Patlan	Michele Loudenback	Yard Waste	CLOSED
8/21/2017	2800 Creekview Terrace	Unknown	Michele Loudenback	Yard Waste	CLOSED
8/21/2017	732 Woods Dr.	Don Gras	Michele Loudenback	Yard Waste	CLOSED
8/21/2017	University and Symmes	Don Gras	Michele Loudenback	Yard Waste	CLOSED
8/21/2017	Kentucky Fried Chicken Lindsey	Don Gras	Michele	Yard Waste	CLOSED
8/21/2017	1500 Melrose	Don Gras	Michele Loudenback	Yard Waste	CLOSED
8/21/2017	Alameda and Peters	Tamara Jewell	Michele Loudenback	Yard Waste	CLOSED
8/21/2017	First Assembly of God	Tamara Jewell	Michele Loudenback	Yard Waste	CLOSED
8/22/2017	Briar Patch	Tamara Jewell	Michele Loudenback	Debris / Dumping	CLOSED
8/22/2017	226 Duffy	Don Gras	Michele Loudenback	Yard Waste	CLOSED
8/22/2017	504 E. Duffy	Don Gras	Michele Loudenback	Yard Waste	CLOSED
8/22/2017	Asp between Linn and Duffy	Unknown	Michele Loudenback	Yard Waste	CLOSED
8/23/2017	1513 Melrose	Don Gras	Michele Loudenback	Yard Waste	CLOSED
8/23/2017	Target on 24th	Don Gras	Michele Loudenback	Yard Waste	CLOSED
8/24/2017	505 Quali Ridge Rd.	Unknown	Michele Loudenback	Yard Waste	CLOSED
8/24/2017	Glen Oaks Dr.	Unknown	Unknown	Discharge	CLOSED
8/24/2017	Sooner Station Post Office	Unknown	Michele Loudenback	Yard Waste	CLOSED
8/24/2017	Target on 24th	Unknown	Michele Loudenback	Yard Waste	CLOSED
8/24/2017	1605 Rolling Stone	Unknown	Michele Loudenback	Yard Waste	CLOSED
8/24/2017	1605 Rolling Stone	Unknown	Michele Loudenback	Yard Waste	CLOSED

<i>Date Received</i>	<i>Location</i>	<i>Complainant</i>	<i>Routed To</i>	<i>Category</i>	<i>Status</i>
8/24/2017	505 Quail Ridge Rd	Unknown	Michele Loudenback	Yard Waste	CLOSED
8/28/2017	1603 Sandalwood	Mrs. Leiden	Michele Loudenback	Yard Waste	CLOSED
8/29/2017	Alcott Middle School	Don Gras	Michele Loudenback	Yard Waste	CLOSED
8/29/2017	Debarr and White	Don Gras	Michele Loudenback	Yard Waste	CLOSED
8/30/2017	1523 Melrose	Don Gras	Michele Loudenback	Yard Waste	CLOSED
8/30/2017	1507 Melrose	Don Gras	Michele Loudenback	Yard Waste	CLOSED
8/30/2017	615 Symmes	Don Gras	Michele Loudenback	Yard Waste	CLOSED
8/31/2017	Robinson between 24th NE and 36 NE	Unknown	Michele Loudenback	Yard Waste	CLOSED
8/31/2017	1101 S. Pickard	Barry Law	Michele Loudenback	<Unknown>	CLOSED
9/1/2017	Charleston's Steakhouse	Unknown	Michele Loudenback	Yard Waste	CLOSED
9/1/2017	Sooner Fashion Mall	Unknown	Michele Loudenback	Yard Waste	CLOSED
9/5/2017	Slim Chickens Center	Unknown	Michele Loudenback	Yard Waste	CLOSED
10/10/2017	425 Perth Ct.	Paula Hackworth	Michele	Drainage	CLOSED
10/11/2017	Sonic on Porter and Frank	Unknown	Michele Loudenback	Illicit Discharge	CLOSED
10/11/2017	Sooner Fashion Mall	Unknown	Michele Loudenback	Yard Waste	CLOSED
10/12/2017	Foreman and Main	Don Gras	Michele Loudenback	Yard Waste	CLOSED
10/12/2017	Foreman and Main	Unknown	Michele Loudenback	Yard Waste	CLOSED
10/12/2017	425 Perth Ct.	Paula Hackworth	Michele Loudenback	Discharge	CLOSED
10/16/2017	425 Perth Ct.	Paula Hackworth	Zack Henson	Discharge	CLOSED
10/16/2017	2725 120th NE	Judy Vaughn	Michele Loudenback	Discharge	CLOSED
10/19/2017	Lindsey and 24th	Unknown	Michele Loudenback	Yard Waste	CLOSED
10/24/2017	Robinson and Findlay	Tamara Jewell	Michele Loudenback	Storm Drain Maintenance	CLOSED
10/30/2017	UnP	Don Gras	Michele Loudenback	Yard Waste	CLOSED
11/1/2017	2011 W. Lindsey	Unknown	Michele Loudenback	<Unknown>	CLOSED
11/8/2017	927 Mockingbird Ln	Unknown	Unknown	Discharge	CLOSED
11/9/2017	1000 Flood	Unknown	Unknown	Fertilizer	CLOSED
11/15/2017	Classen and Boyd	Unknown	Michele Loudenback	Debris / Dumping	CLOSED
11/17/2017	1309 Melrose	Don Gras	Michele Loudenback	Discharge	CLOSED
11/29/2017	232 Olde Brook	Unknown	Unknown	<Unknown>	CLOSED

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12/1/2017	Franklin and Tecumseh	Unknown	Michele Loudenback	Discharge	CLOSED
12/4/2017	Main and Berry	Claudia Deakins	Michele Loudenback	Yard Waste	CLOSED
12/12/2017	Porter and Tecumseh	Unknown	Michele Loudenback	<Unknown>	CLOSED
12/14/2017	24th Ave NW	Unknown	Michele Loudenback	Yard Waste	CLOSED
12/14/2017	Franklin and Tecumseh	Todd	Michele Loudenback	Tracking	CLOSED
12/15/2017	Lindsey and Berry	Phil Moershel	Michele Loudenback	Discharge	CLOSED
12/19/2017	Bishop Creek at Constitution St.	Todd Baylin	Michele Loudenback	Manufactured Fertilizer	CLOSED
12/20/2017	Norman	Unknown	Michele Loudenback	<Unknown>	CLOSED
1/3/2018	Tecumseh and Flood	Janet	Michele Loudenback	Drainage	CLOSED
1/11/2018	1516 Melrose	Unknown	Michele Loudenback	Discharge	CLOSED
1/18/2018	Parkwood Apartments	Unknown	Michele Loudenback	Illicit Discharge	CLOSED
1/18/2018	N/A	Sandra Price	Michele Loudenback	Rain Barrels	CLOSED

1/25/2018	12th And Alameda	Susan Smith	Michele Loudenback	Property Maintenance	CLOSED
2/7/2018	Norman	Unknown	Unknown	Rain Barrels	CLOSED
2/13/2018	Norman	Unknown	Utilities Admin	Storm Drain Maintenance	CLOSED
2/14/2018	737 Highland Parkway	Unknown	Unknown	Illicit Discharge	CLOSED
2/16/2018	1313 Prospect Ct.	Unknown	Unknown	Swimming Pool Discharge	CLOSED
2/23/2018	Apache and James Garner	Unknown	Unknown	<Unknown>	CLOSED
2/27/2018	12th And Alameda	Unknown	Unknown	<Unknown>	CLOSED
2/28/2018	1500 Melrose	Unknown	Unknown	Illicit Discharge	CLOSED
3/13/2018	333 S. Porter	Unknown	Unknown	Illicit Discharge	CLOSED
3/16/2018	12th And Cedar Lane	Unknown	Michele Loudenback	<Unknown>	CLOSED
3/20/2018	Lindsey and Elm	Unknown	Unknown	Yard Waste	CLOSED
3/23/2018	Cascade Addition	Unknown	Unknown	Storm Drain Maintenance	CLOSED
3/23/2018	24th SE and Highway 9	Unknown	Unknown	<Unknown>	CLOSED
3/23/2018	36th And alameda	Unknown	Unknown	<Unknown>	CLOSED
3/26/2018	Miller and Duffy	Don Gras	Unknown	Yard Waste	CLOSED
3/27/2018	Oakridge Estates	Unknown	Michele Loudenback	Drainage	CLOSED
3/28/2018	727 Woods Ave.	Unknown	Michele Loudenback	Discharge	CLOSED
3/30/2018	Highland Village	Unknown	Stuart Shumate	Yard Waste	CLOSED
3/30/2018	The Crestmont	Don Gras	Stuart Shumate	Yard Waste	CLOSED
<i>Date Received</i>	<i>Location</i>	<i>Complainant</i>	<i>Routed To</i>	<i>Category</i>	<i>Status</i>
4/6/2018	Aspen Heights	Unknown	Michele Loudenback	Yard Waste	CLOSED
4/6/2018	Sooner Fashion Mall	Unknown	Michele Loudenback	Yard Waste	CLOSED
4/11/2018	1000 Flood	Unknown	Michele Loudenback	Fertilizer	CLOSED
4/16/2018	1521 Rangeline Rd	Unknown	Michele Loudenback	Discharge	CLOSED
5/4/2018	Summit Lakes Villas	Unknown	Michele Loudenback	Erosion	CLOSED
6/11/2018	323 Barbour	Unknown	Michele Loudenback	Yard Waste	CLOSED
6/11/2018	415 Barbour	Unknown	Michele Loudenback	Yard Waste	CLOSED
6/11/2018	8007 Gordon Circle	Unknown	Michele Loudenback	Illicit Discharge	CLOSED
6/13/2018	Would not specify	Unknown	Michele Loudenback	Drainage	CLOSED
6/21/2018	732 Symmes	Unknown	Michele Loudenback	Yard Waste	CLOSED
6/26/2018	Truman Elementary	Lisa Bajema	Faith Haynes	Yard Waste	CLOSED
6/27/2018	1327 Nebraska	Don Gras	Michele Loudenback	Yard Waste	CLOSED

Appendix C

Lake Thunderbird TMDL Monitoring Reports

January 2017 to June 2018