



City of Stillwater

Phase II MS4 Annual Report

Reporting Period 1/1/2023 to 12/31/2023

**Phase II Small Municipal Separate Storm Sewer
System (MS4) General Permit (OKR04)
Authorization No. OKR040031
September 8, 2021**

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Section 1. Compliance Status

1.1 Executive Summary

The 2023 Phase II MS4 Annual Report for the City of Stillwater (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. OKR040031, and covers the reporting period of January 1, 2023, through December 31, 2023. 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.

In 2005, the City received Authorization No. OKR040031. General Permit OKR04 expired on February 8, 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 27, 2016. On February 27, 2017, the City was notified by ODEQ that review of the NOI and supporting documentation had been completed. In anticipation of receiving the permit authorization, the City began implementing the BMPs as outlined in the permit application material submitted on January 27, 2016. The City submitted a Notice of Intent and supporting documentation on August 26, 2021, for the 2021 reauthorization and received the Authorization on September 8, 2021.

Major accomplishments during the 2023 reporting period include receiving the draft report for the Pre-Disaster Mitigation Grant project to perform a detailed study on East & West Boomer Creek, producing a hydraulic model and condition assessment with action plan, and successfully passing an increase to the City's Drainage Fee which funds the Stormwater Program. Routine activities included removing pollutants from the MS4 through street sweeping, spill response, and infrastructure maintenance as well as educating the public on the importance of stormwater pollution prevention through public clean-up events, meetings, group presentations, radio spots, and social media advertising.

During the City's Household Hazardous Waste Collection events, over 10,870 pounds of waste were collected and properly disposed of. The annual Trash-Off, held on March 25, 2023, was a success with 145 participants removing 160 bags of collected trash and multiple large items. Throughout the reporting period, City crews cleared over 12,450 linear feet of drainage channels and removed debris and trash from 1,419 storm drain structures.

The major challenges encountered by the City of Stillwater during the 2023 reporting period were completing desired staff training for other departments due to conflicting schedules. Outreach efforts were successful for certain events, such as OSU student groups, some elementary school groups and Enviroscope presentations for a local Adventure camp attended by over 100 elementary age children.

1.2 Overview of Program Implementation

The following table provides a brief overview of the past year's implementation activities. Additional details for each item are presented elsewhere in the Annual Report.

Table 1. Stormwater Program Overview

Annual Report Conditions	Description
Fiscal Year or Calendar Year	The City of Stillwater compiles program data and reports on a Calendar Year basis.
Governmental Entities Used	City of Stillwater, OK
Consultants, Organizations Used	Oklahoma Blue Thumb provided volunteer stream monitoring in 2023. Meshek & Associates has continued progress with the Stillwater Creek Watershed Management Plan with an anticipated Capital Improvement Plan development in 2024.
SWMP Review	The SWMP was reviewed while preparing this Annual Report; minor changes were made based upon feedback from ODEQ for the BMP measurable goals.
Changes Planned for Next Year	No anticipated changes at this time. Changes may occur when ODEQ feedback is received in response to the June 2023 Stormwater Management Plan submittal.
Program Funding Sources	Stormwater fee pays for the majority of program costs. Grants and other City funding, when available, supplement additional program costs.
303(d) Impaired Waters	Stillwater Creek: Dissolved Oxygen, Benthic Macroinvertebrates, and Turbidity Boomer Lake: Mercury, Chlorophyll-a, Dissolved Oxygen, and Turbidity. Boomer Creek: Benthic Macroinvertebrates. Sanborn-Hazen Lake Creek: Benthic Macroinvertebrates. Cow Creek: Benthic Macroinvertebrates
TMDL Watersheds in MS4	There are no TMDL watersheds within the MS4 that were finalized and required MS4 actions during this reporting period.
Aquatic Resources of Concern (ARC) for Protected Species in MS4	The entire watershed lies within the Cimarron River Watershed, which is impaired for Turbidity, Lead, and Enterococcus. Most BMPs contribute to efforts to reduce turbidity levels. No portion of the MS4 lies within a designated ARC.
Outstanding Resource Waters (ORW) in MS4	There are no ORW waters within the MS4.

1.3 Status of Compliance with Permit Conditions: Item 1 in OKR04 Part V.C.1.a

The following list of Permit Conditions is taken from OKR04. The "Permit Conditions" represent all major areas of permit requirements that must be addressed in OKR04 compliance. The items labeled "MCM" are the six Minimum Control Measures, plus the optional 7th MCM for local construction projects. The status assigned to each of these Permit Conditions in Table 2 below is general; each of the MCMs is addressed in greater detail in Table 3, assessing BMPs.

Table 2. Permit Conditions

Permit Condition	Compliance Status	Future Actions Needed
Allowable Discharges	Reviewed list: no changes made.	City will continue to review annually or as needed.
Historic Preservation	No Section 106 Federal actions taken by MS4 this report cycle.	Will contact ODEQ if City is notified of any needed Section 106 reviews.
Endangered Species / Aquatic Resources of Concern (ARC)	No actions to protect endangered species were needed this report cycle.	MS4 will contact ODEQ if notified that actions must be taken to protect endangered species.
Co-Permittees	The City of Stillwater is not a co-permittee with another MS4.	No status change is expected.
Water Quality Standards (WQS)	The MS4 was not notified this report cycle of any WQS violations caused by stormwater discharges.	Will contact ODEQ upon any notification to develop a strategy to protect WQS.
303(d) Impaired Waters	Dissolved oxygen, pH, Turbidity and nutrient data was collected in this report cycle. MS4 mapping continued.	Funding has been requested to implement the Water Quality Monitoring Program in FY25 per the Stillwater Creek Watershed management Plan.
TMDL Compliance	There were no finalized TMDLs within the MS4 during this reporting cycle.	No status change is expected.
Outstanding Resource Waters (ORW)	The MS4 is not within an ORW watershed.	No status change is expected.
MCM-1: BMPs and Measurable Goals	100% successful implementation	Continue to update the City's website; add the annual report to the Stormwater page.
MCM-2: BMPs and Measurable Goals	100% successful implementation	Industrial Inspection Program is implemented with inspections occurring with the City's pre-treatment program's inspections.
MCM-3: BMPs and Measurable Goals	100% successful implementation	Continued revisions to the MS4 map; continued DWFS.
MCM-4: BMPs and Measurable Goals	100% successful implementation	Continue to annually review standards; continue to complete routine inspections.
MCM-5: BMPs and Measurable Goals	100% successful implementation	Focused on Detention Pond maintenance and City owned flumes.
MCM-6: BMPs and Measurable Goals	100% successful implementation	Continued municipal facility inspections; developing stormwater specific module for City employee training program.
MCM-7: Municipal Construction Projects	The City of Stillwater has elected to utilize this MCM. 100% successful implementation.	Update and continue to use the developed template for each new municipal project.
SWMP Updates	Made changes to MCMs to comply with updated OKR04.	Reassess SWMP throughout year and during the Stormwater Master Plan process.
ODEQ Enforcement Actions Against MS4	None this reporting cycle.	No actions anticipated
24 Hour Reporting of Pollution Events by MS4	No episodes to report this cycle	Will report episodes as needed

1.4 BMP Implementation and Evaluation: Items 2 & 4 in OKR04 Part V.C.1.a

The following information in Table 3 assesses each Best Management Practice (BMP) for each of the six Minimum Control Measures (MCMs). Table 3 is divided into 6 sub-tables, one for each of the 6 MCMs. Also included in the sub-tables below is an assessment of meeting each of the Measurable Goals (M.G.s) assigned to each BMP. The BMPs are taken from Appendix A of the City of Stillwater's Stormwater Management Program (SWMP) document. Consult the SWMP for additional details about BMP implementation, responsible parties, implementation schedules, and procedures used to implement all BMPs. Changes to the measurable goals will be made for tracking BMP appropriateness and effectiveness for the 2024 reporting period based on potential 2023 SWMP recommendations received from ODEQ from the June 2023 submission.

Table 3a. Public Education and Involvement MCM - 1

BMP ID #	BMP	Goal	Frequency/ Implemented	Comments
1	Public Service Announcements	3 social media announcements per year for various program activities.	Continued Annually	The goal was met in 2023. Informational graphics and marketing interviews regarding Stormwater management were placed on the City website as well as City social media pages. This BMP is effective in today's digital era.
2	Public Radio/Local TV Access	2 spots per year promoting program activities	Continued Annually	The goal was met in 2023. 3 local radio spots and 1 TV Access spot were utilized to promote program activities.
3	Press Releases	2 Press Releases per year for various program activities	Continued Annually	The goal was met in 2023. 4 Press releases were utilized to promote program activities.
4	Notice of Violation Door Hangers/ Informational Pamphlets (FOG)	Provide information door hangers/pamphlets to 100% of properties where specific pollutant sources are identified	2022/ Continued Annually	The goal was met in 2023. Multiple door hangers were placed, primarily during the growing season for grass clippings. FOG pamphlets were delivered to multiple neighborhoods experiencing sanitary sewer overflows due to improper disposal methods.
5	City Website	Review and update website information once per year	Continued Annually	The goal was met in 2023. The entire City website was updated in 2023, including the Stormwater Management, Floodplain, and Environmental Program pages.
6	Staff Training: Topics to include industrial runoff, illicit discharges, construction runoff & post construction runoff	Provide training for one department per year.	Continued Annually	The goal was met in 2023, with training provided to Engineering Department staff. 2024 training is scheduled for Public Works staff.
7	Development Training: Topics to include industrial	Provide training once per year to Development Community/Contractors	Continued Annually	The goal was met in 2023. Training occurred on an individual basis in the field on active sites. Coordinated group training

BMP ID #	BMP	Goal	Frequency/ Implemented	Comments
	runoff, illicit discharges, construction runoff & post construction runoff			is desired for 2024.
8	Education Events: Topics to include illicit discharges, construction runoff & post construction runoff	Provide educational materials once per year.	Continued Annually	The goal was met in 2023. Staff attended and provided information at multiple events including an Adventure Camp, Career Day, and public meetings.
9	Annual Report, NOI, and SWMP Publication	Make the Annual Report Available to the Public on the Website each year.	Implementation in 2024	BMP will be implemented in 2024 and continued annually.
10	Watershed Clean-up/Trash Removal Event	Once per year	Continued Annually	The goal was met in 2023. The event held on March 25 th included 145 participants.
11	Household Hazardous Waste Collection Event	Once per year	Continued Annually	The goal was met in 2023. Two events were held, collecting nearly 11,000 lbs. of waste.
12	Council Meetings	Once per year	Continued Annually	The goal was met in 2023. Stormwater Program activities were presented to council during 3 meetings in 2023, including a stormwater fee increase.
13	Volunteer Water Quality Monitoring Support	6 Monitoring events per year at each monitoring location	Continued Annually	The goal was met in 2023. All monitoring locations were sampled at least 6 times during the year.
14	Public Comments and Complaints	Review and respond to 100% of public comments and complaints	Continued Annually	The goal was met in 2023. Staff responded to 24 complaints/concerns relating to water quality/quantity in 2023.

Table 3b. Industrial Stormwater Runoff Control MCM - 2

BMP ID #	BMP	Goal	Frequency/ Implemented	Comments
15	OKR05 Permittee List	Review and update once per year	Annually/2022	The goal was met in 2023. This BMP is effective at allowing staff to monitor active facilities and include facilities in the inspection rotation.
16	Ordinance Review	Review and update once per year	Annually/2022	The goal was met in 2023. This BMP is effective at ensuring all facilities are currently meeting permit and code requirements.
17	OKR05 Facility Inspection	Inspect 20% of OKR05 permitted facilities each year	Annually/2022	The goal was met in 2023. This BMP is appropriate and effective as stormwater requirements are incorporated into the preexisting pretreatment inspections. No facility deficiencies were noted in 2022.
18	Development Plan Review	Review plans for 100% of new industrial developments for water quality impacts	Continued Annually	The goal was met in 2023. All new development is reviewed through the City's internal TRAKiT program prior to building permits being issued.

Table 3c. Illicit Discharge Detection and Elimination MCM - 3

BMP ID #	BMP	Goal	Frequency/ Implemented	Comments
19	Ordinance Review	Review and update once per year	Annually	The goal was met in 2023. No major ordinance changes were required.
20	MS4 GIS Discharge Mapping	Review and update once per year	Annually	The goal was met in 2023. Mapping updates will be ongoing throughout 2024.
21	Dry Weather Field Screening	Inspect 40% of identified outfalls, and 100% of high priority outfalls	Annually	This goal was met in 2023. This BMP is very effective in identifying illicit discharges. 100% of identified outfalls were inspected.
22	Enforcement for Erosion Control	Respond to 100% of identified discharges	Annually	The goal was met in 2023. This BMP is very effective. 7 Notices of Violation were issued with no citations needed.
23	Enforcement for Yard Waste	Respond to 100% of identified discharges	Annually	The goal was met in 2023. This BMP is very effective. 36 warnings Notices of Violation (NOV) were issued with 0 citations needed.
24	Enforcement for Trash, Fats, Oils & Grease Discharges	Respond to 100% of identified discharges	Annually	The goal was met in 2023. This BMP is very effective. 100% of identified discharges were mitigated without the need for enforcement.

Table 3d. Construction Site Runoff Control MCM - 4

BMP ID #	BMP	Goal	Frequency/ Implemented	Comments
25	Standard Erosion Control Plan Sheet	Review and update once per year as needed	Continued Annually	The goal was met in 2023. This BMP is very effective for enhancing construction site control.
26	Standard Erosion Control Notes	Review and update once per year as needed	Continued Annually	The goal was met in 2023. This BMP is very effective for enhancing construction site control.
27	Construction Site Stormwater Control Ordinances and Policies	Review and update once per year as needed	Continued Annually	The goal was met in 2023. This BMP is very effective for enhancing construction site control. Development will continue in 2024.
28	Earth Change Permit Issuance for Sites Exceeding One Acre	Issue permits for 100% of sites that meet criteria	Continued Annually	The goal was met in 2023. This is an effective BMP to ensure that the City is able to track all construction sites.
29	Enforcement for Permit Violations	Respond to 100% of identified discharges	Continued Annually	The goal was met in 2023. This BMP is effective in ensuring that responsible parties are held accountable for permit requirements. 7 NOV's issued in 2023 with one site requiring Nuisance Mitigation.
30	Construction Site Stormwater Inspections	Inspect 100% of permitted sites once per month	Continued Annually	The goal was met in 2023. All permitted sites were inspected at least once per month.

Table 3e. Post-Construction Site Runoff from New/Redevelopment MCM -5

BMP ID #	BMP	Goal	Frequency/ Implemented	Comments
31	Maintain Permanent Post-Construction Policies	Review and update once per year as needed	Continued Annually	The goal was met in 2023. Review of engineering and development regulations is ongoing.
32	Drainage Facility Maintenance Ordinances	Review and update once per year as needed	Continued Annually	The goal was met in 2023. Ordinances were reviewed with no update needs identified.
33	Drainage Facility Inspection & Enforcement	Inspect 20% of permanent structures per year	Continued Annually	The goal was met in 2023. Approximately 25% of permanent structures were inspected and maintenance needs reported to the responsible parties.

Table 3f. Pollution Prevention & Good Housekeeping MCM - 6

BMP ID #	BMP	Goal	Frequency/ Implemented	Comments
34	Maintenance of Facility Spill Kits	Inspect and replenish once per year as needed	Continued Annually	Goal met in 2023. Spill kits are checked during facility inspections and any deficiencies are provided to the facility Manager.
35	Municipal Facility Inspections subject to the OKR05, OPDES, or NPDES permit	Inspect each facility once per year	Continued Annually	The goal was met in 2023. All Municipal Facilities were inspected with reports/action items provided to the facility manager.
36	Municipal Facility Inspections not subject to the OKR05, OPDES, or NPDES permit	Inspect each facility once per year	Continued Annually	The goal was met in 2023. All Municipal Facilities were inspected with reports/action items provided to the facility.
37	O&M Policies for Maintaining MS4 Facilities	Review and update once per year as needed	Continued Annually	The goal was met in 2023. No changes were needed.
38	Street Sweeping Program	All streets are swept 4 times per year	Annually/2018	The goal was met in 2023. This is an excellent BMP for routine pollutant removal. All public streets were swept 4 times with additional sweepings called in as needed.

1.5 Pollutant Reduction

The City of Stillwater 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 future permit periods. Pollutant recovery/reduction activities are shown below.

Table 4. Progress Towards Pollutant and Discharge Reductions

Pollutant Reducing Program Activity	Measure of Pollutant Removal or Action
Spring Household Hazardous Waste Collection: April 22, 2023	6,592 lbs. of unwanted chemicals and materials were collected and properly disposed of.
Fall Household Hazardous Waste Collection: October 21, 2023	4,282 lbs. of unwanted chemicals and materials were collected and properly disposed of.
Trash-Off: March 25, 2023	145 volunteers removed 160 bags of trash from the MS4, 5 shopping carts, 1 couch, and a wagon cart were collected and removed from the MS4.
Creek Channel Debris Clearing	Operations crews cleared debris from 11,605 linear feet of creeks and drainage channels.
Storm Drain Inlet Clearing	Operations crews removed debris and litter from 1,419 storm drain structures.
SSO Responses and Cleaning	Sanitary Operations crews responded to 10 SSO's and implemented City spill response and clean up procedures.
Salt and Sand Pile Maintenance	Salt continues to be covered by an all-weather enclosure. Crews maintained all sand piles, ensuring their containment within concrete barrier blocks. New barn anticipated in 2024.
Chemical Storage	All chemicals were properly stored within protective enclosures. Routine monitoring ensured that storage procedures were followed.
Sewer Line Inspection	Camera crews inspected 58,195.5 linear feet of sewer line for maintenance.
Lift Station Inspection and Repair	Crews performed 1,616 lift station inspections, repairs, and preventative maintenance actions. Crews completed 612 maintenance work orders for the WWTP.
Street Sweeping	Street Sweeping crews swept 10,364 lane miles, removing 5,190 cubic yards of debris.
Citizen Education and Outreach	Staff presented educational materials regarding the City's FOG program, SSO presentations, Environmental Stewardship, Stormwater Management, and recycling presentations to groups including OSU graduate classes, middle school classes, and private organizations.

Section 2. Information/Activities

2.1 2023 Reporting Cycle

MCM #1: Public Education and Involvement

During the 2023 permit period, the City of Stillwater was able to utilize virtual and in-person meetings for multiple education and outreach opportunities. Stormwater staff attended Career Day in December where multiple middle school classes were presented with general stormwater quality concepts. Stillwater continued participating in the COSWA Rain Barrel Promotion in 2023, providing an additional opportunity for education and outreach as well as public involvement. In February, staff was invited to present to local Girl Scout Troops. In June, the City attended Nature Camp, hosted by Friends of Sanborn Lake, and provided Enviroscope demonstrations to children from 1st grade to 5th grade. Stormwater staff attended the Payne County Home and Garden Show to provide information to homeowners regarding pollution management at the residential level, fertilizer usage, flood protection, and rain barrel usage and ordering information through COSWA. City staff presentations regarding stormwater quality regulations, City program activities, FOG program, SSOs, and general environmental stewardship were provided for City Council, the Stillwater Home Builders Association, OSU graduate classes, and various private groups. PSAs continued to be posted to the City website and social media sites. Two local radio interviews were conducted to remind residents to be proactive regarding pollution and drainage management on their properties. The City continues to maintain the “SNAP” tool on the City website, which allows citizens to request assistance with drainage and water quality issues. Additional information on public education and public involvement are included in Appendix A.



March 2023 – Girl Scouts Presentation



June 2023 – Nature Camp at Sanborn Lake

Blue Thumb volunteer groups provided water quality monitoring at several locations throughout Stillwater, providing data such as water temperature, pH, dissolved oxygen, nutrient levels, and chloride. Blue Thumb data is included in Appendix B. Blue Thumb once again hosted a volunteer training in Stillwater in January. Citizen-volunteers participated in two Household Hazardous Waste events which allowed for excellent opportunities to provide public education

and allow citizens to participate in the removal of pollutant sources. The annual Trash-Off event saw a larger turnout in 2023 with 145 volunteers participating to remove 160 bags of trash from multiple locations within the MS4. The City once again contracted with Upcycle Products, Inc. to participate in the COSWA Rain Barrel program, providing an opportunity for residents to participate in rain conservation and runoff reduction. Staff also joined the Public Library Summer Reading Program to allow attendees to participate in park trash collection and storm drain marking.



Volunteer Storm Drain Marking



2023 Trash-Off Winners

MCM #2: Industrial Stormwater Runoff Control

All BMPs mentioned in Table 3b were implemented in the 2023 reporting period. A list of all OKR05 permittees is maintained and used to implement an inspection schedule. Currently, stormwater inspections are conducted simultaneously with the pre-treatment program inspections. All properties located within City limits are subject to Chapter 35 of the City's ordinances, prohibiting the discharge of pollutants to the MS4 as well as prohibiting any impairment of drainage facilities. A review of the ordinances was performed in 2023 and no modifications were needed to meet the requirements of this MCM. 100% of new industrial development plans were reviewed for water quality impacts.

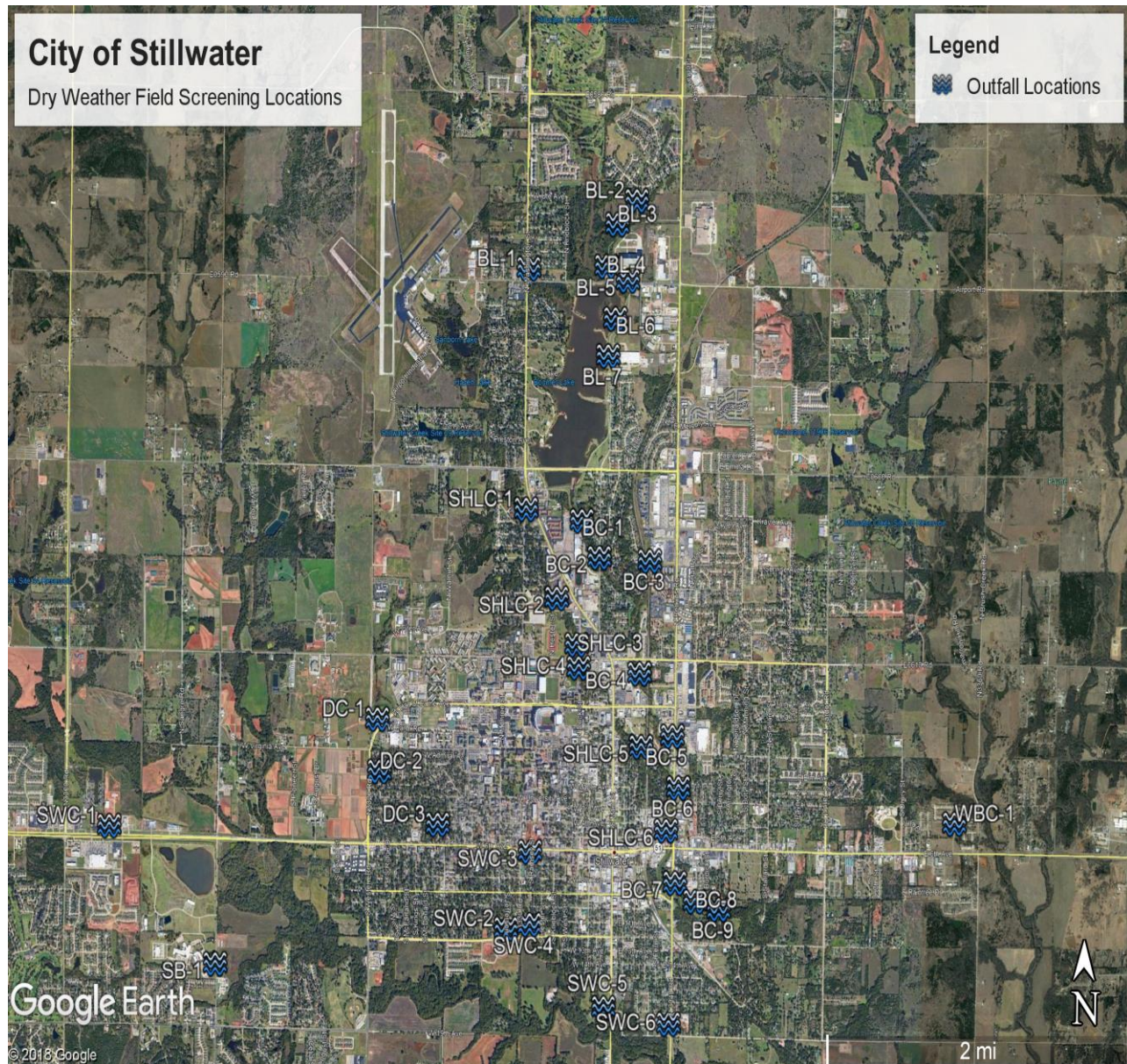
MCM #3: Illicit Discharge Detection and Elimination

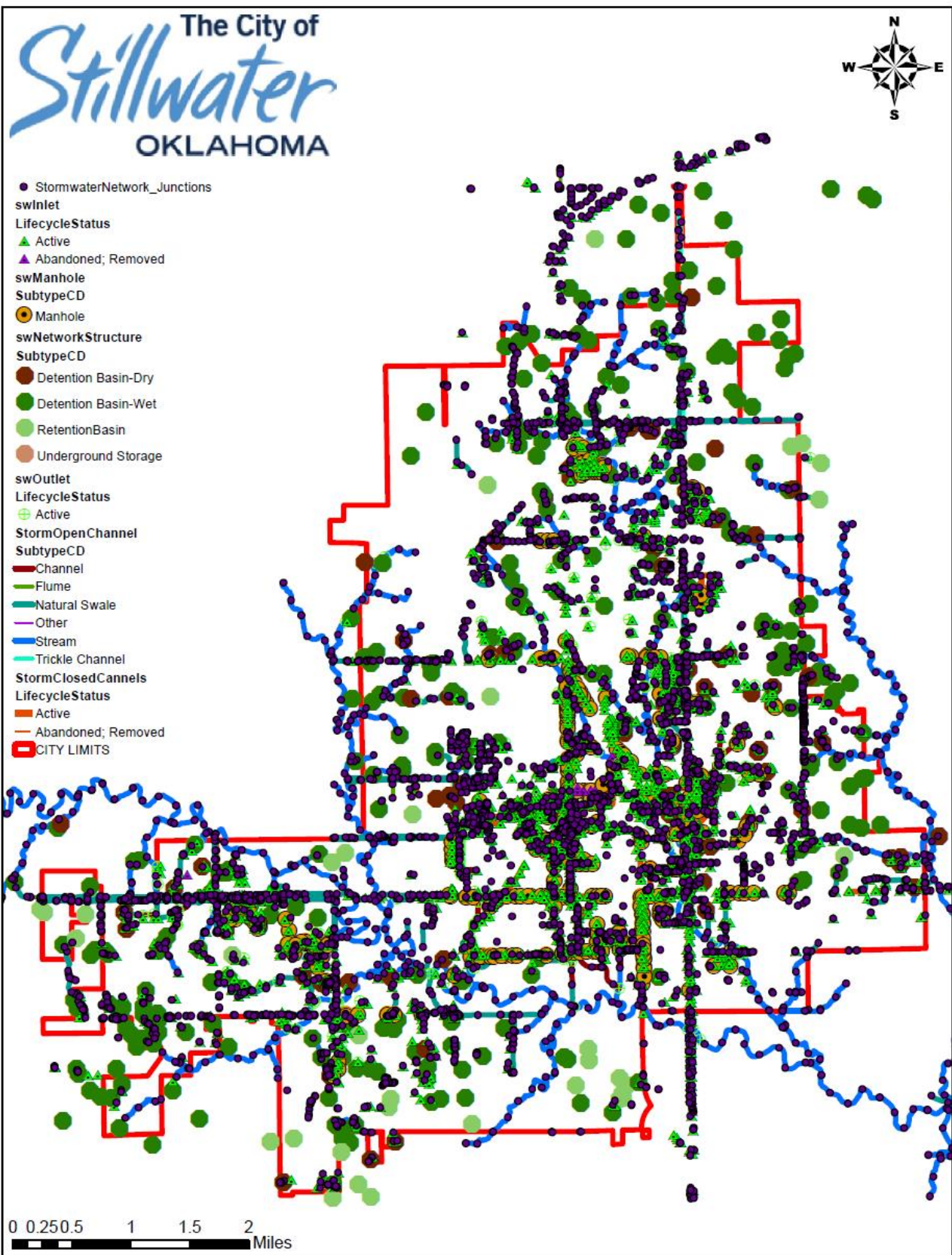
Similar to 2022, the majority of illicit discharges that occurred in 2023 were the result of sanitary sewer overflows, leaks, or spills. Adequate response by City of Stillwater staff, emergency responders, and cooperation from responsible parties resulted in fast and effective discharge mitigation. Staff training and communication has resulted in an increase in illicit discharge identification and proper notification to staff. An example of an illicit discharge report can be found in Appendix C.

The Dry Weather Field Screening (DWFS) program remains the primary method of monitoring for discharges. None of the DWFS locations showed signs of pollutant discharges in 2023. The DWFS inspection data can be found in Appendix D.

Spill response materials for vehicle kits were inspected and replenished as needed. Annual review of spill response procedures was performed, and no modifications were necessary. Good housekeeping policies were followed at all municipal facilities reducing the potential for pollutant discharges.

Updates to the MS4 map continued through 2023 as resources allowed. Field verification of outfall locations and priority area identification are ongoing. Infrastructure mapping and channel assessments were completed as part of the Stillwater Creek Watershed Management Plan and continue to aid in identifying additional potential discharge locations.





City of Stillwater MS4

MCM #4: Construction Site Runoff Control

The City's Construction Site Runoff Control Program consists of issuing Earth Change Permits to sites within city limits that disturb an acre or greater or those that disturb less than an acre and are part of a larger common plan of development, inspecting these sites to ensure that they are in compliance with the construction stormwater requirements set out in Chapter 35 of the City's Code of Ordinances, and issuing enforcement actions for any non-compliant sites. Earth Change Permits are valid for a one-year period from the date of issuance. Below is a summary of the activities conducted in 2023:

- Earth Change Permits

Number of sites permitted in 2023:	12
Total number of open sites during reporting period:	38
Total number of sites inspected during reporting period:	38

- Construction Site Enforcement

One citation was issued in 2023. Most non-compliance issues were resolved with Notices of Violation and follow-up inspections. The City performed Nuisance Mitigation for one permitted site, resulting in a lien being placed on the property. An example of a construction site inspection report can be found in Appendix E.

During this reporting cycle, the Design and Construction Standards, BMP manual and ordinances were reviewed. No modifications were required during this reporting period.

Multiple Public Works and Engineering staff members received training covering stormwater regulations and the use of structural and non-structural BMPs. This allows for crews to properly manage stormwater BMPs on City projects, as well as identify issues on private development projects.

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, however there are currently no requirements for LID practices.

The City currently maintains 4 municipal detention facilities and performs inspections and routine maintenance on many drainage facilities throughout the City. Additional educational material is continually being developed and distributed for private homeowners and homeowner associations to aid in the identification and maintenance of post-construction BMPs in their neighborhoods. Staff visited multiple private detention facilities in 2023 to provide maintenance guidance to property owners.

MCM #6: Pollution Prevention & 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 vacuum sweepers on a routine basis. During the reporting period, 5,190 cubic yards of material were removed from the MS4, and 10,364 lane miles were swept. Street sweepers also respond to non-hazardous material spills and clean inlets as necessary.

Multiple municipal facilities were formally inspected in 2023, each receiving a detailed report identifying deficiencies and recommended corrective actions. An example of a municipal facility inspection report can be found in Appendix F. Each facility is responsible for maintaining its own good housekeeping program. Spill response kits were provided to multiple crews at each facility. Formal inspections and procedure evaluations will continue for each municipal facility in 2024.

2.2 Next Reporting Cycle

The next reporting period will include data from January 1, 2024, through December 31, 2024. The Annual Report covering that period will be submitted by April 30, 2025.

2.3 Proposed Changes

Changes based on feedback received by ODEQ on March 14, 2024, from the 2023 MCM Check will be implemented during the 2024 reporting period. No program deficiencies were noted for the 2023 Annual Report, however any changes made in 2024 will be documented and noted in the 2024 Annual Report.

No annexations have occurred during the current permit cycle, therefore the MS4 service area has not changed.

2.4 Stormwater Activities Planned for the Next Reporting Period – Table 5

BMP #	BMP Stormwater Program Activity	Implementation Schedule
MCM-1 Public education and involvement		
1	Continue to modify Public Education and Involvement activities and measurable goals as needed.	Ongoing
2	Continue to modify illicit discharge education/training and	Ongoing

BMP #	BMP Stormwater Program Activity	Implementation Schedule
	measurable goals as needed.	
3.	Continue to modify construction activity education/training and measurable goals as needed.	Ongoing
4.	Modify the post construction education/training and measurable goals as needed.	Ongoing
5.	Distribute educational material through utility inserts, newspaper ads, PSAs and presentations.	Annually
6.	Participate in radio/TV interviews for stormwater management.	Annually
7.	Web based measures. – Develop improved web-based information	Ongoing
8.	Public Meetings – Phase II Discussion – City Council, Planning Commission, Home Builders, Others as opportunity provides.	Annually/Ongoing
9.	Sponsorship of Public Clean up Events	Annually/Ongoing
10.	Sponsorship of Electronic Waste collection	Open Tuesday-Saturday year-round
11.	Sponsorship of Household Hazardous Waste collection	Annually in Spring and Fall
12.	Participate in the COSWA Rain Barrel sale.	Spring 2024
13.	Participate in Nature Camp, Scouts, and other opportunities as they arise	Annually/Spring/Summer
MCM-2 Industrial Stormwater Runoff Control		
1	Review and update the OKR05 permittee list.	Annually
2	Review and modify ordinances targeting OKR05 permittees	Annually
3	Implement a stormwater inspection schedule	Annually/Ongoing
4	Implement enforcement procedures as needed	Annually/Ongoing
MCM-3 Illicit Discharge Detection and Elimination		
1	Review Ordinances and Policies as required.	Annually/Ongoing
2	Complete MS4 Storm Mapping in City GIS	Annually/Ongoing
3	Dry Weather Field Screening Program	Annually/Ongoing
4	Illicit Discharge Investigation	Annually/Ongoing
MCM-4 Construction Site Runoff Control		
1	Review design standards/ordinances and modify if needed	Annually/Ongoing
2	Construction Site Inspections	Annually/Ongoing
3	Continue training to development community in addition to City Staff.	Annually/Ongoing
MCM-5 Post-Construction Site Runoff Control		
1	Provide City Staff Training for maintaining post-construction BMPs	Annually/Ongoing
2	Stormwater Impoundment Inspections	Annually/Ongoing
3	Continue regularly scheduled City staff training	Semi-annual/Ongoing
4	Continue training to development community	Annually/Ongoing

BMP #	BMP Stormwater Program Activity	Implementation Schedule
5	Continue coordination of stream monitoring with local “Blue Thumb” volunteer groups. Focus should be on verifying that data collection corresponds with City MS4 requirements.	Annually/Ongoing
6	Dry weather observation of channels and streams - Continue	Annually/Ongoing
7	Blue Thumb riparian maintenance training for City staff	April 2024
MCM-6 Good Housekeeping		
1	Continue staff training for spill containment measures	Ongoing
2	Continue Operation of Stillwater Recycling Center	Ongoing
3	Continue Household Hazardous Waste Collection	Ongoing – biannually
4	Municipal Facilities Inspections	Annually/Ongoing

Section 3. Additional Activities

3.1 Additional BMPs Being Implemented to Address 303(d) Waters

The information in Table 6 below was acquired using Appendix C (Page 56) of the 2022 ODEQ Integrated Report.

Waterbody Name	Waterbody Id. (WBID)	303(d) Pollutants of Concern
Boomer Lake	OK620900040190-00	Mercury, chlorophyll-a, dissolved oxygen, turbidity
Boomer Creek	OK620900040140_00	Benthic Macroinvertebrates
Boomer Creek	OK620900040180_00	Benthic Macroinvertebrates
Cow Creek	OK620900040200_00	Benthic Macroinvertebrates
Sanborn-Hazen Lake Creek	OK620900040150_00	Benthic Macroinvertebrates
Stillwater Creek	OK620900040270-10	Dissolved oxygen

In an effort to minimize pollutant discharges to the above referenced water bodies, additional water quality monitoring, outfall inspections, dry weather filed screening, and public outreach will be performed in the surrounding neighborhoods and commercial areas.

3.2 Optional Permit Coverage under MCM #7

All City construction site operators performing earth disturbing activities within the boundary of the City of Stillwater are informed that they must comply with all federal, state and local

regulations related to erosion control and stormwater runoff. Table 8 below contains MCM # 7 information.

7 th MCM Action	Number	Comments
Number of active construction sites currently covered under the 7 th MCM.	3	None
Number of construction projects started during the reporting period.	1	None
Number of construction projects that were completed during the reporting period.	2	None
Number of 7 th MCM construction sites that have reached final stabilization.	2	None


Section 4. Summary/Permittee Information

4.1 Permittee Information

Permittee	City of Stillwater, Oklahoma
Address	723 S. Lewis Street
City/State/Zip	Stillwater, OK 74076
Contact	Zack Henson, Watershed Quality Manager
Contact Phone	(405) 533-8436
Authorization No.	OKR040031
Authorization Date	September 8, 2021

4.2 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: <u></u>	Date: <u>3/28/24</u>
Name (printed): <u>Kimberly Meek</u>	Title: <u>City Manager</u>

Appendix A: Activity Examples

2023 Schedule of Events for Education and Outreach	
January 28 & 29, 2023	Blue Thumb Volunteer Training
February 2, 2023	Begin Rain Barrel Promotion
February 21, 2023	Girl Scout Troop Presentations
March 16, 2023	Stillwater Radio Interview
March 25, 2023	Trash-Off
April 1 & 2, 2023	Payne County Home and Garden Show
April 4 & 5, 2023	OCLWA Conference Exhibitor
April 6, 2023	Stillwater Radio Interview
April 22, 2023	Household Hazardous Waste Collection
May 6, 2023	Rain Barrel Pick-up Event
June 5, 2023	Nature Camp Presentations
June 15, 2023	Summer Reading Program – Storm Drain Marking/Litter Collection
August 30, 2023	Payne County Fair Booth
September 25, 2023	Presentation to City Council
October 10, 2023	Public Outreach Town Hall
October 12, 2023	Public Outreach Town Hall
October 16, 2023	City Council Utility Rates Overview
October 21, 2023	Household Hazardous Waste Collection
November 28, 2023	OSU Utility Rates Information & Discussion
December 18, 2022	Career Day, Sangre Middle School

Report & Track Citizen Request System

2/12/2018

www.stillwater.org/call#drainage-flooding-erosion-stormwater

Building Permits, inspections, zoning

If you have questions about commercial or residential building permits, inspections or zoning, call 405.742.8220 or visit [Development Services](#).

Comments or Accolades

Like a program or want to comment on someone's good work? Email us!

Drainage, Flooding, Erosion & Stormwater

1) Questions concerning new developments or structures

Several departments address different aspects of drainage, flooding, erosion and stormwater. If you need assistance plans for a new structure, [Development Services](#) is a good place to start.

2) Report problems (including flooding) caused by erosion or stormwater drainage

Preferred methods of contact

Report & Track. This interactive tool that allows you to alert the City of a problem in your neighborhood or around town and follow up on it. Reports submitted during non-office hours will be reviewed and assigned to a city staffer the next business day.

24-Hour Utility Assistance: 405.372.3292

Other methods of contact

Voice mail, email and social media platforms are not monitored 24/7. If you choose one of these methods of contact, your concern or question may not be addressed until the next business day.

Events



Household Hazardous Waste Collection



Payne County Home and Garden Show



Payne County Fair Booth



Adventure Camp



Summer Reading Program Litter Collection

Appendix B: Blue Thumb Water Monitoring Data

Boomer Creek: E 3rd Ave									
OK620900-04-0180B									
36.119058, -97.05182									
Date	Time	Water Temp °C	DO mg/L	pH	Nitrate mg/L	Nitrite mg/L	Ammonia mg/L	Orthophosphate mg/L	Chloride mg/L
No Data available for 2023									

Boomer Creek: S. Perkins Rd									
OK620900-04-0180B									
36.1122395 -97.0515									
Date	Time	Water Temp °C	DO mg/L	pH	Nitrate mg/L	Nitrite mg/L	Ammonia mg/L	Orthophosphate mg/L	Chloride mg/L
No Data available for 2023									

Cow Creek: Hwy 51									
OK620900-04-0200B									
36.11605, -97.09904									
Date	Time	Water Temp °C	DO mg/L	pH	Nitrate mg/L	Nitrite mg/L	Ammonia mg/L	Orthophosphate mg/L	Chloride mg/L
1/14/2023	14:00	9	13	N/A	0	0	0	0.013	45
2/11/2023	09:30	5	14	N/A	0	0	0	0.033	45
5/30/2023	16:00	23	N/A	7.1	0	0	0.3	0.22	30

Duck Creek: Myers Park									
OK620900-04-0195G									
36.11162, -97.08418									
Date	Time	Water Temp °C	DO mg/L	pH	Nitrate mg/L	Nitrite mg/L	Ammonia mg/L	Orthophosphate mg/L	Chloride mg/L
1/19/2023	17:32	11	15	7.9	0	0	0	0.04	N/A
4/6/2023	17:00	23.5	13	8	0	0	0.1	0.033	160
4/27/2023	17:00	15	12	7.5	2	0	0	N/A	N/A
5/31/2023	17:41	33	17	8	0	0	0	0.067	N/A
8/31/2023	17:09	29	8	8	2	0	0.1	0.033	260
10/5/2023	17:30	24	7	6.5	0	0	0	0	220
11/2/2023	17:30	13	12	6.5	2	0	0	0	180

Sanborn-Hazen Lake Creek: Strickland Park									
OK620900-04-0150G									
36.1253, -97.05841									
Date	Time	Water Temp °C	DO mg/L	pH	Nitrate mg/L	Nitrite mg/L	Ammonia mg/L	Orthophosphate mg/L	Chloride mg/L
1/20/2023	12:30	6	9	8	0	0	0	0	70
2/15/2023	15:30	12	11	8	N/A	0	0	0.067	55
3/22/2023	12:15	25	10	8	0	0	0	0	65
4/21/2023	12:30	17	5	8	0	0	0	0.1	60
5/24/2023	12:10	21	7	7.75	1	0	0.2	0.153	45
7/16/2023	09:50	25	5	7.75	0	0	0.2	0.133	50
8/17/2023	10:00	24	7	7.5	0	0	0	0.073	25
9/6/2023	11:15	23	5	8	0	0	0	0.133	120

Stillwater Creek: Babcock Park									
OK620900-04-0070M									
36.10425, -97.0876111									
Date	Time	Water Temp °C	DO mg/L	pH	Nitrate mg/L	Nitrite mg/L	Ammonia mg/L	Orthophosphate mg/L	Chloride mg/L
1/9/2023	08:00	2	8	7.7	0	0	0	0.067	45
2/8/2023	08:00	8	11	7.6	0	0	0	0.027	75
2/28/2023	08:00	8	9	8	0	0	0	0.047	90
3/29/2023	08:00	9	7	8	0	0	0	0.053	85
5/2/2023	08:00	14	6	7.6	0	0	0.1	0.08	140
6/2/2023	08:30	21	3	7.3	0	0.15	0.2	0.2	45

Appendix C: Illicit Discharge Report



ILLICIT DISCHARGE REPORT

Site Name/Address: Golden Dragon: 203 S. Perkins Rd
 Date/Time: 10/11/2023 3:30 PM
 Responding Personnel: Zack Henson/Russell Andrews

Current Weather: Partly Cloudy
 Estimated Quantity: Undetermined

Checklist	Yes	No	N/A	Comments
Has the discharge reached the MS4?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Drainage along the east perimeter of Frontier Plaza.
Has the discharged material reached an MS4 outfall?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Material will enter Boomer Creek during the next precipitation event.
Has the discharge source been located and stopped?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Poor housekeeping at the dumpster, spent grease container, and kitchen floor wash water.
Has the discharge been contained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Discharge is contained only by a depression in the drainage channel.
Has the discharged material been identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mixture of fats, oils, grease, cleaning waste water, and release liquids from the dumpster.
Does the material pose a health hazard?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No immediate health hazards identified.
Does the material pose an environmental hazard?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Material contributes to the reduction of water quality through increased turbidity and reduction of dissolved oxygen.
Does the discharge require notification to other entities (ODEQ, ODOT, etc.)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Discharged material remains temporarily trapped in a channel depression. Sources have been cleaned.
Has the discharge been properly cleaned?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Golden Dragon Cafe.
Has the responsible party been identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Golden Dragon Cafe.
Has the responsible party been notified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Notified in person by Watershed Quality staff.

Location Map:



Discharge Documentation

Photo	Description
	Staining can be seen on the pavement originating from a kitchen door and flowing east towards the concrete flume that drains the parking lot. The manager of business states that they wash the kitchen floor and squeeze the water out of the kitchen door to let it flow to the concrete flume. The wash water contains detergents as well as oil and grease.
	Staining can be seen flowing east where it meets liquid waste dripping from the dumpster.
	Excess grease on and around the spent grease container due to poor staff housekeeping.
	An excessive buildup of oil and grease, as well as solids on the top of the spent grease container.

	Liquid waste dripping from the dumpster as a result of disposing of liquids into the dumpster. The liquid appears to contain oil and grease.
	Directly behind the dumpster (east) where the liquid waste and kitchen wash water pools against the parking lot curb within the dumpster corral.
	The mixture of oil, grease, wash water and dumpster liquid can be seen moving NE under the dumpster corral towards the concrete flume.
	Staining on the concrete flume and dead vegetation is present where the liquid mixture discharges from the parking lot.
	Additional liquid waste is exiting the dumpster through curb holes in the dumpster corral.

	Dead vegetation immediately east of the dumpster corral where the liquid mixture has been discharging for an extended period of time.
	Waste water can be seen pooling in the flow line of the drainage immediately east of the parking lot.
	The waste water can be seen approximately 20 feet downstream of the discharge location.

Comments:

Discharging or allowing a discharge of pollutants into any portion of the City's Municipal Separate Storm Sewer System (MS4) is a violation of Chapter 35 of the City's Code of Ordinances. Furthermore, the drainage into which the material has been discharged flows directly into Boomer Creek approximately 800 feet south of the discharge. Boomer Creek is currently listed on the federal 303(d) list of impaired waters as defined by the federal Clean Water Act. Every effort must be made to prevent pollutants from entering this body of water and contributing to further degradation.

Enforcement Action:

The manager immediately had the area properly cleaned and stated that he is going to look into having a larger floor drain installed into the kitchen area. He stated he will no longer allow employees to push waste water out of the kitchen door. He also intends to train employees on how to properly dispose of spent grease to minimize the amount of material spilled on and around the spent grease container.

Due to the manager's immediate response, no enforcement action is taken at this time. Staff will monitor the location for improvement.

Zack Henson, CPSWQ
 Stormwater Program Manager

10/11/2023

Appendix D: Dry Weather Field Screening Data




Site ID	Location Description	Site Type	Inspection Date	Wet/Dry	Source Identified	Maintenance Required?
Boomer Lake						
BL-1	SE corner of N. Washington and Airport Rd	Culvert outfall	12/18/2023	Wet	Creek Flow	Trash/vegetation
BL-2	Approximately 2,370ft N of Airport Rd along the Kameoka Trail (NW side of 100 W Airport Rd)	Open Channel culvert	12/18/2023	wet	standing	N/A
BL-3	Approximately 1,360 ft N of Airport Rd along the Kameoka Trail (NW side of 100 W Airport Rd)	Culvert outfall	12/18/2023	Wet	standing	N/A
BL-4	Access culvert approximately 275 ft east of the Airport Rd bridge (old recycling center)	Culvert outfall	12/18/2023	Wet	standing	N/A
BL-5	Approximately 300 ft south of the intersection of N. Husband and W. Airport Rd.	Culvert outfall	12/18/2023	Wet	standing	N/A
BL-6	Approximately 1,540 ft south of the intersection of N. Husband and W Airport Rd.	Culvert outfall	12/18/2023	Wet	slow drainage	N/A
BL-7	Opposite 3100 N Husband St. (Kicker), approximately 80 ft north of the trail parking lot.	Culvert outfall	12/18/2023	Wet	slow drainage	N/A
Sanborn-Hazen Lake Creek						
SHLC-1	Approximately 600 ft south of the intersection on N Washington St and Boomer Rd	Box Culvert	12/19/2023	Wet	Creek flow	Vegetation/tree removal
SHLC-2	Approximately 170 ft west of the intersection of W Eskridge Ave and N Knoblock St.	Box Culvert	12/19/2023	Wet	Creek flow	Woody debris removal
SHLC-3	Approximately 135 ft west of the intersection of McElroy and N. Duck	Box Culvert	12/19/2023	Wet	Creek flow	Woody debris removal
SHLC-4	East side of the Allie P. Reynolds Baseball Stadium. Outfall comes from the SW	Box/round culvert	12/19/2023	Wet	Creek flow	N/A
SHLC-5	Approximately 375 ft south of the intersection of E Miller and S Lowry, then 200 ft east on easment	Culvert outfall	12/19/2023	Wet	Creek flow	Vegetation/trash removal
SHLC-6	NW corner of the 6th and Perkins bridge	Culvert outfall	12/19/2023	Wet	Creek flow	N/A
Boomer Creek						
BC-1	East (back) side of Marquis Furniture (Cimarron Plaza)	Culvert/flume	12/18/2023	Dry	N/A	N/A
BC-2	Bridge approximately 140 ft south of the intersection of Franklin and Husband	Bridge	12/19/2023	Dry	N/A	N/A
BC-3	SW corner of Cimarron Townhomes	2 Flumes	12/19/2023	Dry	N/A	N/A
BC-4	Detention pond immediately north of 306 E Hall of Fame	Culvert outlet	12/19/2023	Dry	N/A	Veg. and trash removal
BC-5	NW corner of E Virginia and S Perkins Rd	Box culvert	12/19/2023	Wet	Slow Drainage	Veg. and trash removal
BC-6	Parking lot N of Access Urgent Care (3rd Ave)	Culvert/drainage ditch	12/20/2023	Dry	N/A	N/A
BC-7	Hoyt Grove Park, NE side of bridge	Culvert	12/20/2023	Dry	N/A	Trash under bridge
BC-8	Drainage, eastside of operations, outlet	Open channel	12/20/2023	Dry	N/A	trash removal
BC-9	North Couch Park, S end of Hall and Leigh	Open Channel	12/20/2023	Dry	N/A	slight scouring
West Brush Creek						
WBC-1	Approximately 130 ft south of the intersection of Mockingbird Ln and E 4th Ave	Flume	12/18/2023	Wet	standing	N/A
Stillwater Creek						
SWC-1	Approximately 200 ft east of the east entrance to the Walmart on Hwy 51	Culvert outlet	12/18/2023	Wet	standing	
SWC-2	South side of 12th Ave at the intersection with S Jefferson.	Culvert to flume	12/18/2023	Dry	N/A	Erosion at wingwall
SWC-3	SW corner of Ramsey and 7th	Closed to open channel	12/19/2023	Wet	HVAC	N/A
SWC-4	South side of 12th between Washington and Hester. (S of dog park)	Open Channel	12/19/2023	Wet	HVAC	N/A
SWC-5	Approximately 100 ft south of the south entrance to the Humane Society.	Culvert outlet	12/19/2023	Wet	Spring	N/A
SWC-6	SW corner of 19th and S Perkins rd	Culvert outlet	12/20/2023	Dry	N/A	Tree removal
Duck Creek						
DC-1	East side of the intersection of Hall of Fame and Western, culvert from the NE	Culvert outlet	12/19/2023	Wet	NRCS	Sed and Veg removal
DC-2	SW corner of the intersection of W Sunset Ave and S Ridge Dr.	Culvert and open channel	12/19/2023	Wet	standing	sed removal
DC-3	Approximately 150 ft from the intersection of 6th Ave and S Orchard Street.	Culvert to flume	12/19/2023	Wet	standing	box/pipe repair
Stream B						
SB-1	SE corner of Meridian Tech. (Visible from Sangre)	Flume	12/18/2023	Dry	N/A	N/A

The City of
Stillwater
OKLAHOMA

Site Name/Address: Parkview Estates, Sec 8/10	Inspection Type: Routine
Date/Time: 8/10/2023 2:45 PM	Current Weather: Clear
Current Activity: Building/Grading	Last Inspection Date: 6/24/2023
Last Rain Date: August 8, 2023	Last Inspection Result: Not In Compliance
Quantity: 0.5' - 1.0"	

Inspection Checklist	Compliant	Non-Compliant	N/A	Note: For each item checked "Non-Compliant", refer to the follow-up information on page 2.
DEQ Permit Posted	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not Posted
SWP3 Location Noted	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not Posted
Records Up to Date	<input type="checkbox"/>	<input type="checkbox"/>		
BMPs Properly Installed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Perimeter Controls	<input type="checkbox"/>	<input checked="" type="checkbox"/>		West Perimeter, 124 Rogers Ct
Inlet Protection	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Outlet/Flume Protection	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Construction Entrance/Exit	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Vehicle Tracking	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Dust Control	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Solid Waste Management	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Material Washout Area	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Check Dams	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Fuel Storage Area	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Pollutants Management	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Stabilization	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Sanitary Facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Site Erosion	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Unauthorized Discharge	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Sediment on Rogers Ct
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

- ### Maintenance/Corrective Action Required

BMP & Location	Representative Photo	Description
OIDEQ Permit/SWPPP Posted	No Photo	Post the site information required by Section 4.2 of the eOKR10 Construction General Permit.
Perimeter Controls: West Perimeter		Repair or replace all damaged/down controls. It is recommended to utilize wire backed silt fence where the existing fence has failed multiple times, or create a swale along the back side of the lots to direct all runoff into the detention pond.
Perimeter Controls: West Perimeter		Repair or replace all damaged/down controls. It is recommended to utilize wire backed silt fence where the existing fence has failed multiple times, or create a swale along the back side of the lots to direct all runoff into the detention pond.
Perimeter Controls: 124 Rogers Ct		Install sediment/erosion controls on active lots where sediment is discharging over the curbs and onto the streets.

Unauthorized Discharge:
Rogers Ct

Remove all sediment accumulations from the streets. Sediment from 124 Rogers Ct pictured.

Site Notes:

Inspector's Name: Zack Henson, CPSWC, CFM

Date: August 10, 2023

Appendix F: Municipal Facility Inspection Report



MUNICIPAL FACILITY STORMWATER INSPECTION REPORT

Site Name/Address: Fleet 505 E 3rd **Current Weather:** Sunny and cold
Date/Time: 10/31/2023 9:47 AM **Last Rain Date:** 10/29/2023
Last Inspection Date: 12/12/2022 **Quantity:** 1.5

Inspection Checklist	Compliance	Non-Compliance	N/A
1. Access roads and parking lots are free of excess dirt, debris, and materials.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Storm drains are free of dirt, debris, and materials.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Discharge locations are free of debris and sediment accumulations.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Nearby water bodies and drainage ditches are free of trash, debris, and materials.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Nearby water bodies and drainage ditches are free of surface sheen and offensive odor.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Solid waste is properly disposed of into appropriate waste containers.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Solid waste containers are covered at all times when not in use.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Building and lot wash water is properly disposed of into a sanitary line.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Vehicle and equipment wash water is properly disposed of into a sanitary line.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Materials are properly stored and protected from exposure to stormwater runoff.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Materials are handled in a manner that prevents them from entering the MS4.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Unused materials are stored in their original or properly labeled containers.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Adequate secondary containment is present for liquid material storage.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Hazardous materials are stored and protected from exposure to stormwater runoff.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Sand and salt is stored to prevent exposure to stormwater runoff.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. Vehicle and equipment leaks are properly cleaned to minimize exposure to stormwater runoff.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Fueling tanks are properly maintained, labeled, and protected by secondary containment.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. A spill response plan is implanted and readily accessible.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. Spill kits are properly located where spills are likely to occur.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Spill kits are complete and restocked as needed.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

21. Employees are trained in spill response and good housekeeping.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Site is free from erosion and sedimentation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23. All structural BMPs are in good functional condition.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24. Site shows no evidence of unauthorized discharges.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25. Other	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Recommended Maintenance/Corrective Action

Checklist Item & Location	Representative Photo	Recommended Action
13. Adequate secondary containment is present for liquid material storage. Secondary containment in the washbay		It is recommended to keep all liquid materials within a secondary containment structure to prevent spills from escaping the area
Oil drain pan in wash bay area		It is recommended to keep all liquid materials within a secondary containment structure to prevent spills from escaping.

Site Notes: The fleet facility is doing a great job and has fixed a lot of secondary containment. The only recommendation is to have some secondary containment in the wash bay area to prevent any spill materials from entering the sanitary sewer lines.

Inspector's Name: Russell Andrews
AM

Date: October 31, 2023 10:58