

# STORM WATER MANAGEMENT PROGRAM



*Prepared By*

**BIRKHOFF, HENDRICKS & CARTER, L.L.P.**  
**PROFESSIONAL ENGINEERS**  
**DALLAS, TEXAS**

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JTG 7/8/19

**CITY OF LUCAS, TEXAS**  
**STORM WATER MANAGEMENT PROGRAM**  
(January 2019 – December 2023)

**EXECUTIVE SUMMARY**

The City of Lucas has developed this Storm Water Management Program (SWMP) in accordance with the Texas Pollutant Discharge Elimination System (TPDES) General Permit No. TXR040000, from the Texas Commission of Environmental Quality (TCEQ). A SWMP is required by the TPDES General Permit for all MS4s. The General Permit sets the requirements for activities which reduce pollutant concentrations in stormwater discharges from the small Municipal Separate Storm Sewer System (MS4) to surface water in the State of Texas.

This document serves as the City's Stormwater Management Program (SWMP); a comprehensive program to manage the quality of stormwater discharges from the MS4 by reduction of pollutant concentrations in the runoff from the City. This SWMP serves as the City's documentation of the methods and measurable goals for intended compliance with the current TPDES small MS4 general permit, and it is a 'living document' that is meant to be added-to over the five-year permit period.

This SWMP outlines eighteen (18) Best Management Practices (BMPs) that the City elects to implement over the five-year permit term to meet requirements of the small MS4 general permit. Some of the BMPs are designed to evolve over the years of the authorization term. The City has identified these BMPs as being assertive and reasonable approaches to protect water quality.

The Storm Water Management Program (SWMP) focuses on the following topics:

- I. Minimum Control Measures (MCM) - *Requirements of the General Permit*
- II. City-Elected Best Management Practices (BMPs) - *to satisfy MCM Requirements*
- III. Water Quality - *of Receiving Water Bodies*
- IV. Legal Authority - *or Ordinances to Enforce SWMP*

## **I. Small MS4 General Permit Overview**

Stormwater affects the quality of water in urban lakes, rivers, neighborhood creeks, and storm drains. Pollutants (e.g., pesticides, oil, detergents, and bacteria) present on urban land and impermeable surfaces (e.g., streets and parking lots) can be transported by stormwater runoff into stormwater drainage systems. These drainage systems, both natural and man-made, convey the stormwater runoff away from urban areas and into nearby water bodies.

In order to protect water quality, it is necessary to identify the types and sources of pollution and to implement plans to protect water resources. Historically, waters have been protected through state and federal regulation of “point-sources” or end-of-pipe sources of pollution. Over time, it has become more evident that overland runoff sources of pollution, such as urban stormwater runoff, can create serious problems in waterways and impact the community’s quality of life. Therefore, the General Permit, and this SWMP, propose a multitude of Best Management Practices (BMP) which aim to reduce stormwater pollution from overland sources of surface water contamination.

### **A. Regulation Background**

Under the requirements of the Clean Water Act, the U.S. Environmental Protection Agency (EPA) is required to protect the water quality for natural waters throughout the country. The EPA established the National Pollutant Discharge Elimination System (NPDES) program to identify sources of water pollution and work to reduce or eliminate the pollutants from waters of the United States. The EPA has delegated responsibility for the NPDES program in Texas to the TCEQ, who administers the Texas Pollutant Discharge Elimination System (TPDES). In addition to issuing discharge permits to traditional “point sources,” such as municipal wastewater treatment plants and industrial wastewater discharges, the TCEQ is also responsible for minimizing pollution from other sources, such as stormwater runoff from municipal stormwater drainage systems.

### **B. TPDES Discharge Authorizations**

#### **1) Small Municipal Separate Storm Sewer System (MS4) General Permit**

In most areas of the country, storm drainage systems are separate from sanitary sewer systems and are thereby classified as “separate storm sewer systems.” Separate storm sewer

systems include ditches, curbs, gutters, storm sewers, and similar means of collecting or conveying runoff that do not connect with a wastewater collection system or treatment facility before discharging into water bodies. A “municipal separate storm sewer system” (MS4) is a system owned or operated by a public agency such as a city, flood control district, county, or state agency.

In 1999, the EPA issued NPDES regulations to protect stormwater quality in small MS4s (known as “Phase II” MS4s) within urbanized areas. The TCEQ, who was delegated the responsibility of implementing the stormwater quality regulations, finalized the initial small MS4 General Permit (officially named Texas Pollutant Discharge Elimination System General Permit No. TXR040000) on August 13, 2007. This TPDES permit, commonly called the “small MS4 general permit,” originally had a five-year term but was extended administratively for more than a year while TCEQ negotiated with EPA over the renewed permit conditions. The second small MS4 General Permit became effective on December 13, 2013 and had a five-year permit term. The third small MS4 General Permit became effective January 24, 2019 and has a five-year term. The City is one of several hundred cities, counties, and other public entities subject to TCEQ’s small MS4 general permit.

## 2) General Permit for Construction Activity

The TCEQ regulates stormwater discharges from most construction activity through TPDES Construction General Permit No. TXR150000. For construction sites generally disturbing one acre or more, a stormwater pollution prevention plan (SWPPP) must be developed and site controls must be installed, such as silt fence, inlet protection, and a stabilized construction site entrance, to minimize the discharge of sediment and other pollutants from the construction site. Within 14-days of halting or termination of site construction disturbances, the disturbed area must be re-vegetated or otherwise stabilized. The control measures may be removed after site stabilization.

Small MS4s (that do not elect MCM-7) do not have direct responsibility to design, install and maintain erosion and sediment control BMPs for construction sites operated by others, nor is the small MS4 required to stabilize the site. The small MS4 is, however, required to ensure that site disturbances are authorized to discharge under TXR150000 Construction General Permit. The Small MS4 must perform construction site plan review, including the

SWPPP, and must perform construction site inspections to verify appropriate use of BMPs for sediment and erosion control. Construction site inspections must be documented.

Many small MS4 cities reference the TCEQ construction General Permit in the city ordinance for compliance consistency, and the 2019 small MS4 General Permit provides a specific allowance for regulated MS4s to reference the TCEQ construction General Permit to demonstrate their own compliance with construction site related oversight requirements.

### 3) Multi-Sector General Permit for Industrial Activity (& City Facilities)

TCEQ requires certain types of industrial facilities to apply for coverage under TPDES Multi-Sector General Permit No. TXR050000. These industrial sectors have been identified by EPA and TCEQ as high potential sources of significant stormwater pollutants. Examples of facilities subject to these permit requirements include automobile salvage yards, chemical production plants, paper and pulp mills, and many other industrial facilities. Discharges eligible for authorization under TXR050000 are listed under Part II.A of the Multi-Sector General Permit. Site-specific stormwater pollution prevention plans (SWP3) are required to be developed, implemented, and maintained for facilities that conduct activities with the potential to contaminate stormwater. Common BMPs for industrial facilities include covered storage for materials, staff training and runoff monitoring.

Cities that are small MS4s often have their own facilities subject to the Multi-Sector General Permit. Municipal landfills, wastewater treatment plants, vehicle maintenance facilities and municipal airports are common city facilities that must comply with the industrial stormwater permit. Level 4 MS4s (population of 100,000 or greater) are also required to develop and implement a program to inspect and enforce stormwater quality runoff protection from industrial facilities that discharge to the MS4. This would be expected to include facilities subject to the industrial stormwater permit, although it also may include additional facilities determined by the MS4 to have high potential for stormwater pollution.

The City is required to document in this program each City-owned or operated facility that is required to have a TPDES multi-sector General Permit for stormwater runoff. If the City does own or operate such a facility, a copy of each facility's permit authorization will be located in **Appendix H** of this document for reference.

C. Permit Applicability & Coverage

The City has developed this stormwater management program (SWMP) to comply with the requirements of the renewed small MS4 general permit. The General Permit applies to operators of publicly-owned storm sewer systems in Urbanized Areas (UA) in Texas and authorizes the City to discharge stormwater runoff from their stormwater drainage system. The U.S. Census Bureau defines the Urbanized Areas based on a population density of 1,000 people per square mile and a total population of at least 50,000, irrespective of political boundaries. Urbanized Areas represent densely developed areas and encompass residential, commercial, and other non-residential urban land uses.

This SWMP encompasses the City's MS4 area, being the area within the City limit boundaries *and* within the UA. This SWMP presents best management practices (BMPs) that will be implemented by the City to reduce stormwater pollution to the maximum extent practicable (MEP), as regulations require, within the MS4 area.

#### D. Small MS4 General Permit Levels

The City is required to develop this SWMP to describe specific actions, BMPs, that will be completed over the next five-year period to reduce pollutants collected by the City's stormwater system. This SWMP also sets measurable goals for each BMP and includes an implementation schedule for the five-year permit period. The BMPs, defined by the City, are based on the Minimum Control Measures (MCM) in the General Permit. The MCMs have varying requirements, based on the Level of the MS4, as defined by the General Permit.

The small MS4 General Permit defines MS4 operators into one of four categories, or "levels", based on the population served within the 2010 Urbanized Area (UA). The level of a small MS4 may change during the permit term based on the MS4 operator acquiring or giving up regulated area, such as by annexing or de-annexing land. However, the level of a small MS4 will not change during the permit term based on population fluctuation. The four levels are described below:

##### Level 1

Operators of traditional small MS4s, serving a population of less than 10,000 within a UA.

##### Level 2

Operators of traditional small MS4s that serve a population of at least 10,000 but less than 40,000 within a UA. This category also includes all non-traditional small MS4s such as counties, drainage districts, transportation entities, military bases, universities, colleges, correctional institutions, municipal utility districts and other special districts regardless of population served within the UA, unless the non-traditional MS4 can demonstrate that it meets the criteria for a waiver from permit coverage based on the population served.

##### Level 3

Operators of traditional small MS4s that serve a population of at least 40,000 but less than 100,000 within a UA.

##### Level 4

Operators of traditional small MS4s, serving a population of 100,000 or more within a UA.



E. Minimum Control Measures

Various BMPs must be developed for the “minimum control measures” (MCMs) that are expected to minimize or eliminate stormwater pollutants discharged into the storm sewer system and provide water quality protection for receiving water bodies. Five MCMs are required for all cities and a sixth MCM is required only for cities with a population over 100,000. An optional seventh MCM to address municipal construction activities through their SWMP is available for use by the City but has not been selected for inclusion in this SWMP. Specific requirements according to small MS4 level have been developed by the TCEQ for each MCM. Requirements of the General Permit for each Minimum Control Measure are summarized below.

- 1) Public Education, Outreach, and Involvement – Develop a public education and outreach program about stormwater quality issues and involve the public with implementation of the program. In summary, this MCM requires the following:
  - a) Levels 1 - 4
    - i) Define Goals for public outreach based on community-priority water quality issues
    - ii) Identify target audiences: public employees, businesses & general public
    - iii) Develop & distribute educational materials at least annually
    - iv) Make SWMP & Annual Reports available to general public (within 30-days of approval/due)
    - v) Provide opportunity for public input and participation
- 2) Illicit Discharge Detection and Elimination (IDDE) – Develop a program to detect, investigate, and eliminate illicit discharges. In summary, this MCM requires the following:
  - a) Levels 1 - 4
    - i) Map the storm system including all outfalls, surface waters & priority areas
    - ii) Educate and train field staff
    - iii) Procedures to Trace & Remove the source of an illicit discharge
    - iv) Solicit public reporting of observed illicit discharges
    - v) Procedures for Responding to an illicit discharge and spills
    - vi) Prioritize, investigate, track & document illicit discharge
    - vii) Procedures to notify, correct action & follow-up inspections
  - b) Levels 2 - 4
    - i) Procedures to prevent and correct leaking on-site sewage disposal systems (septic systems)

- c) Levels 3 - 4
  - i) Conduct follow-up investigation or field screening after an illicit discharge
- d) Level 4 only
  - i) Identify priority areas & List
  - ii) Conduct dry-weather field screening observations of outfalls in priority areas list
  - iii) Reduce Floatables: Install two (2) Floatables capturing locations/ facilities
- 3) Construction Site Stormwater Runoff Control – Develop a program to control runoff quality from construction activities. In summary, this MCM requires the following:
  - a) Levels 1 - 4
    - i) Develop/ implement Ordinance & enforce with Sanctions (Alternative~MCM-7 *Self-operated*)
    - ii) Ensure site operators obtain Construction General Permit [TXR150000] authorization
    - iii) Review Construction Plans & SWP3
    - iv) Inspect and enforce construction site erosion and sediment control BMPs
    - v) Inspect and enforce appropriate soil stabilization within 14-days of halting
    - vi) Prohibit contaminated discharges
    - vii) Receive, respond, and track information from the public
    - viii) Train field staff and reviewers
  - b) Levels 3 - 4
    - i) Inventory all construction sites over an acre
- 4) Post Construction Stormwater Management in New Development and Redevelopment – Develop a program to control stormwater discharges from new development and redeveloped sites to reduce discharge of pollutants. In summary, this MCM requires the following:
  - a) Levels 1 - 4
    - i) Implement and enforce requirements for structural or non-structural BMPs for newly developed and redeveloped sites, generally over an acre, to control stormwater quality
    - ii) Maintain records of enforcement actions
    - iii) Ensure long-term operation and maintenance of structural stormwater controls (by MS4 Operator or by Agreement)
  - b) Level 4 only
    - i) Inspect structural stormwater controls
- 5) Pollution Prevention and Good Housekeeping for Municipal Operations – Develop an operation and maintenance (O&M) program to reduce the discharge of pollutants from the MS4 due to municipal operations. In summary, this MCM requires the following:

- a) Levels 1 - 4
    - i) Inventory municipally owned facilities and stormwater controls owned or operated by MS4
    - ii) Train O&M staff on Good Housekeeping BMPs
    - iii) Properly Dispose of Waste materials
    - iv) Develop Contractor Oversight Procedures & Oversee City-Contracted activities
    - v) Perform Self-Assessment for O&M activities for potential to contaminate
    - vi) Identify Pollutants of Concern used in municipal operations
    - vii) Develop, implement, and inspect Pollution Prevention Measures & log inspections
    - viii) Develop written procedures & Maintain structural controls
  - b) Levels 3 - 4
    - i) Maintain storm sewer systems & Identify and Inspect problem areas
    - ii) Conduct street sweeping/cleaning or Inlet protection program
    - iii) Map MS4 facilities and stormwater controls owned and operated by the MS4
    - iv) Assess MS4 facilities for potential to discharge pollutants
    - v) Create standard operating procedures for MS4 facilities
    - vi) Implement stormwater controls for MS4 facilities
    - vii) Inspect facilities
  - c) Level 4 only
    - i) Develop pesticide, herbicide, and fertilizer application and management procedures
    - ii) Assess impacts of Flood Control Projects for erosion prevention and pollutant removal
- 6) Industrial Stormwater Sources (only for MS4s with a population over 100,000) – Develop a program to identify and control pollutants from industrial or commercial facilities. In summary, this MCM requires the following only Level 4:
- a) Level 4 only: Implement a pollution prevention program for industrial facilities that are contributing a substantial pollutant load to the MS4.
- 7) Authorization for Construction Activities where the Small MS4 is the Site Operator (Optional) – Develop program for construction activities as an alternative to TPDES Construction General Permit TXR150000 where the City meets the definition of construction site operator. This optional MCM requires development of a detailed plan addressing how the City’s construction activities will meet construction stormwater permit requirements.

## II. Water Quality Assessment in Texas

The TCEQ is charged through federal mandate with protecting the quality of waters within Texas. The TCEQ's approach to this mandate includes measuring water quality at locations across the state to determine if the quality of streams, lakes, and creeks is acceptable, based on the water bodies' designated use *classification* parameters or on general water quality standards which apply to all surface waters in the state. The TCEQ requires MS4s to implement plans for reduction of specific pollutants for those MS4s which discharge to a surface water system that is identified as *impaired*, based on approved pollutant concentration parameters.

### A. Water Body Classification

The Texas Surface Water Quality Standards are rules designed to establish goals for water quality throughout the state and provide a basis for regulatory programs to attain those goals. Water quality standards are sets of allowable/ maximum concentrations for various contaminants. These maximum pollutant concentration parameters serve to signal situations where water quality may be inadequate to meet the use or uses of a particular water body. Five general categories for water use, known as "designated uses", are defined in Texas:

- general
- aquatic life use
- recreation
- public water supply
- fish consumption

Many major surface water bodies in the State have been classified with site-specific designated uses in Title 30, Chapter 307 of the Texas Administrative Code (TAC), but many smaller water bodies have not been classified and do not have site-specific designated uses. All unclassified surface water bodies without site-specific designated uses are protected by the "general criteria" defined in 30 TAC §307.4.

The TCEQ divided water bodies into "segments" to provide the basic unit for assigning site-specific standards and for applying water quality management programs. Segments can be further divided into "assessment units." All classified water bodies and some smaller

unclassified water bodies have been assigned a unique segment identification code (TCEQ Segment ID). However, many water bodies in the state have not been assigned a TCEQ Segment ID.

Because it would be impractical to test every water body for all possible pollutants, assessments of water quality in Texas are performed by evaluating indicators of water quality. Chemical indicator concentrations are indirect measures of the health or quality of a particular part of the aquatic system. Some indicators, such as the health of fish communities, are tied to specific designated uses, while others, such as nutrients, are not. Some of the most common indicators used by TCEQ to determine the quality of water bodies include bacteria, dissolved oxygen, dissolved solids, metals, and organic substances.

If the indicator data published in the Texas Integrated Report of Surface Water Quality (Integrated Report) reveal that water quality is inadequate to meet the goals of the water body's designated use, the TCEQ identifies the water body as an impaired water in a section of the Integrated Report called the 303(d) list. The 303(d) list is required by the federal Clean Water Act and is submitted to EPA for approval. Water bodies in the list are subject to a Total Maximum Daily Load (TMDL) assessment, which is an assessment of the root cause of poor water quality. An Implementation Plan (or "I-Plan") developed by local stakeholders to remediate pollution sources usually accompanies the TMDL.

Water bodies with non-attainment or screening levels for a particular contaminant are identified in the Integrated Report. The listed contaminants are used to evaluate potential sources of the impairments. Water bodies with impairments not suitable for inclusion on the 303(d) list are identified in a section of the Integrated Report called the Index of Water Quality Impairments.

#### B. Impaired Waters with Total Maximum Daily Load

If a MS4 discharges directly to a water body that is determined to be impaired by the 303(d) list, the SWMP must additionally address reduction of the specific pollutant which is the downstream water quality impairment. Not all regulated MS4s discharge directly into an impaired water body, and thus these requirements do not apply to all regulated entities. If an impaired water body has an established total maximum daily load (TMDL), pollutant

concentration, the regulated MS4 must be consistent with the approved TMDL in order to be eligible for coverage by the small MS4 general permit. The TMDL process includes an assessment of the root cause of poor water quality, a determination of the maximum pollutant loading allowable to meet water quality use standards and the development of a plan by local stakeholders to remediate pollution sources.

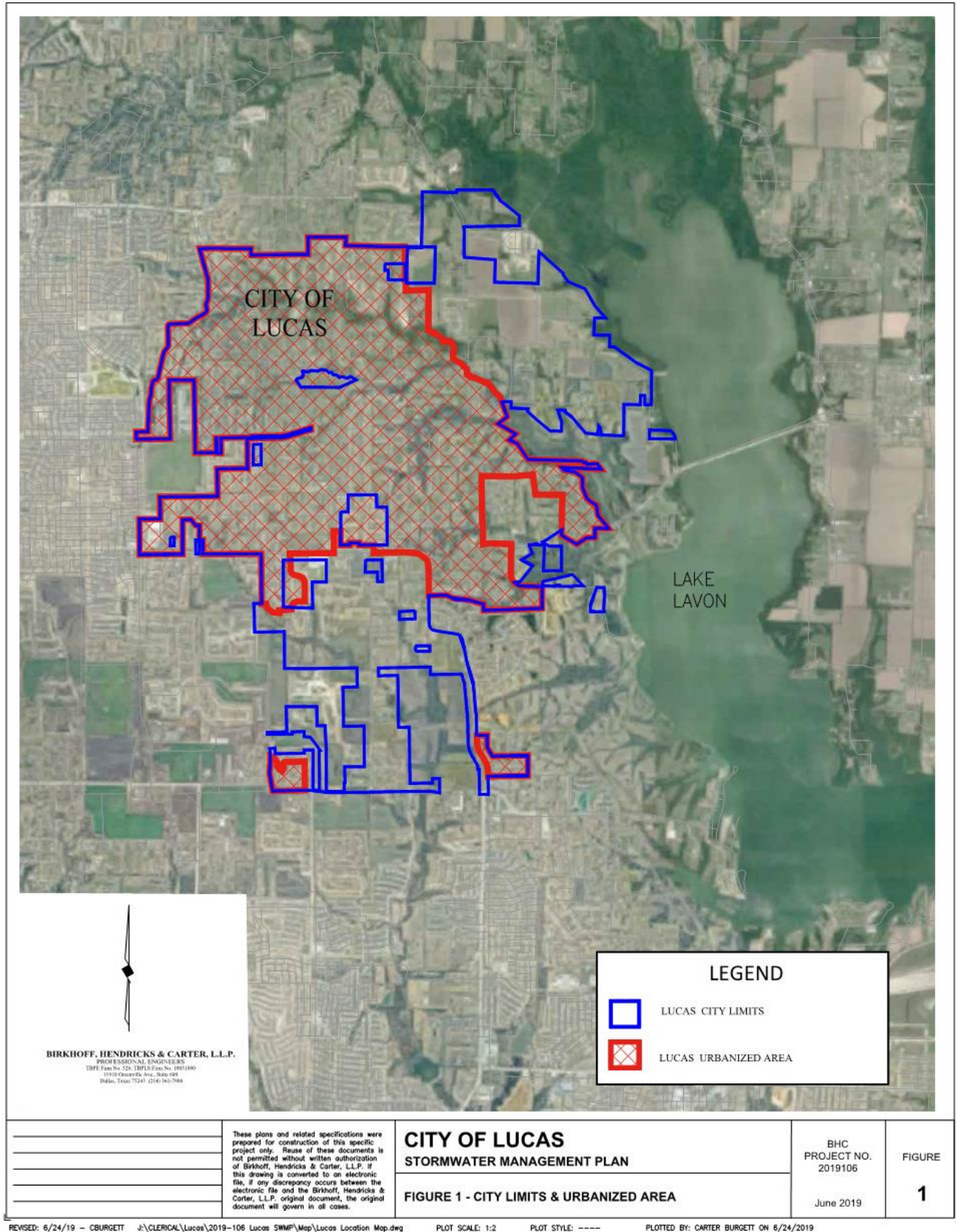
For MS4s discharging a known pollutant of concern into impaired water bodies, the SWMP must include information on the implementation of “targeted controls”, which are activities, practices, or structural controls that focus on reducing the water quality impact of the specific pollutant. For each targeted control, a measurable goal, implementation schedule, and “benchmark” must be established. A benchmark is a quantifiable goal designed to assist in determining if the targeted controls are effective in addressing the pollutant. The exceedance of a benchmark does not indicate a permit violation; it does, however, help in the evaluation of the progress towards reducing pollutant discharges.

### III. The City of Lucas MS4

The City of Lucas, Texas is located in south Collin County, in North Central Texas. It is west of Lake Lavon and northeast of the City of Plano. Based on the 2010 U.S. Census, the City has a population of 5,166. The City limits encompass 12.6 square miles, resulting in an overall population density of 410 people per square mile. Lucas is partially located in the Dallas-Ft Worth-Arlington urbanized area. As a result, the City is classified as a Level 1 small MS4 under the TCEQ MS4 General Permit.

The City is within the Texas Blackland Prairies ecoregion, specifically the Northern Blackland Prairie. This ecoregion is characterized by fine textured, clayey soils, and predominately prairie natural vegetation. The area is characterized by a humid, subtropical, continental climate with hot summers and mild winters. The average maximum temperature in the Northern Blackland Prairie occurs in July (96.3°F); the average minimum temperature occurs in January (34.2°F) with an annual average temperature of 65.7°F. Rainfall is the predominant type of precipitation, and approximately 41-inches of total precipitation falls on the City yearly. It is distributed throughout the year and reaches a slight peak in spring. Prevailing winds in the area are from the south.

Only a portion of the City is located within the Dallas-Fort Worth-Arlington U.S. Census Urbanized Area as shown in **Figure 1**. The City limits area that is within the Urbanized area is included in the MS4 regulated area.



**Figure 1 – Urbanized Area Map**



A. Program Development Process

This SMWP modifies the City's current array of Best Management Practices that were elected for the previous 5-year Stormwater Management Program term. The BMPs selected for this permit term cycle were determined by review of the requirements of the latest TCEQ General Permit which became effective on January 24, 2019, and they were selected based on the projected effectiveness in protecting stormwater quality.

Existing City stormwater quality programs and activities were identified and are included in the SWMP as applicable. These existing programs and activities will be supplemented with several new BMPs to provide additional protection of stormwater quality as required by the small MS4 general permit. Several BMPs of the previous SWMP were substituted or revised for various reasons, based on input from City staff.

This SWMP outlines eighteen (18) Best Management Practices (BMPs) that the City elects to implement over the five-year permit term to meet requirements of the small MS4 general permit. Each BMP is listed with activity descriptions, reference to the General Permit requirement, measurable goals, implementation schedules, and required documentation over the five-year permit period. The City-elected BMPs for this 5-year permit term are listed in table format, provided in **Appendix A**.

B. Program Implementation & Resources

Multiple City departments will be responsible for implementing portions of the SWMP and for tracking and evaluating the City's activities to meet the program's measurable goals. Participating City departments shall coordinate documentation showing progress towards meeting the annual measurable goals for each BMP.

City personnel will be trained and provided adequate resources to perform required duties of the SWMP. City funds and resources will be provided for fulfillment of the elected BMPs.

Measurable goals are provided with an implementation schedule to track progress for each BMP. The implementation schedule phases several of the BMP activities over the permit term. The City will review the implementation progress each year and modify the SWMP as necessary. Annual Reports will be provided to the TCEQ via form TCEQ-20561.

C. Program Updates

This SWMP program may be updated by the City at any time. When considering eliminating a BMP, the General Permit shall be referenced to determine if the removal of the BMP will result in non-compliance for any of the minimum control measures. This would occur if the BMP is the only BMP that provides compliance for a specific permit provision. In such a case, the BMP would need to be replaced with a new BMP that continues to meet the relevant permit requirement.

According to the small MS4 general permit, “adding components, controls, or requirements to the SWMP, or replacing a BMP with an equivalent BMP” and “nonsubstantive changes” like clarifications, personal changes, and corrections of typographical errors, only require notification of TCEQ within the annual report. Other changes require submittal of a notice of change (NOC) and TCEQ approval.

#### IV. The City of Lucas Water Quality

The small MS4 General Permit requires that the classified segment that first receive the City's stormwater discharges, either directly or indirectly, be identified. Stormwater discharges from the City eventually reach the following classified segments:

- Lake Lavon (Segment 0821)
- Lake Ray Hubbard (Segment 0820)

The classified segments listed above, as well as unclassified water bodies that receive stormwater discharges before reaching the classified segment, are displayed by **Figure 2** and summarized below in **Table 1**.

**Table 1** - Water Quality Summary for Receiving Waters

Water Body	Segment ID	Discharge (Direct/ Indirect)	Classified	Water Quality Impairment [303(d) List]
Lake Lavon	(0821)	Indirectly	Yes	None
Lake Ray Hubbard	(0820)	Indirectly	Yes	None
Muddy Creek	(0820C)	Directly	No	None

*Source: TCEQ 2014 Texas Integrated Report of Surface Water Quality*

Most Stormwater Runoff from the City of Lucas MS4 is collected by White Rock Creek, a segment which is currently not identified by the TCEQ, although the water quality of White Rock Creek is monitored at the Snider Lane Bridge, downstream of the City's urbanized area. White Rock Creek meanders through the center of the urbanized area of the City, and it conveys the runoff to Lake Lavon, a classified, non-impaired lake.

Runoff from a southern portion of the City flows to directly Muddy Creek, which is unclassified and not impaired. Muddy Creek flows to Lake Ray Hubbard, which is also unclassified and not impaired.

A northeastern portion of the City Limits drains to Wilson Creek (Segment 0821C) which is unclassified and listed as impaired by bacteria on the 2014 Texas Integrated Report. At this time, runoff from the urbanized MS4 area does not reach Wilson Creek. Upon development in the northeastern quadrant, this waterbody may cause additional requirements for the City to specifically protect against bacteriological contamination in the future.

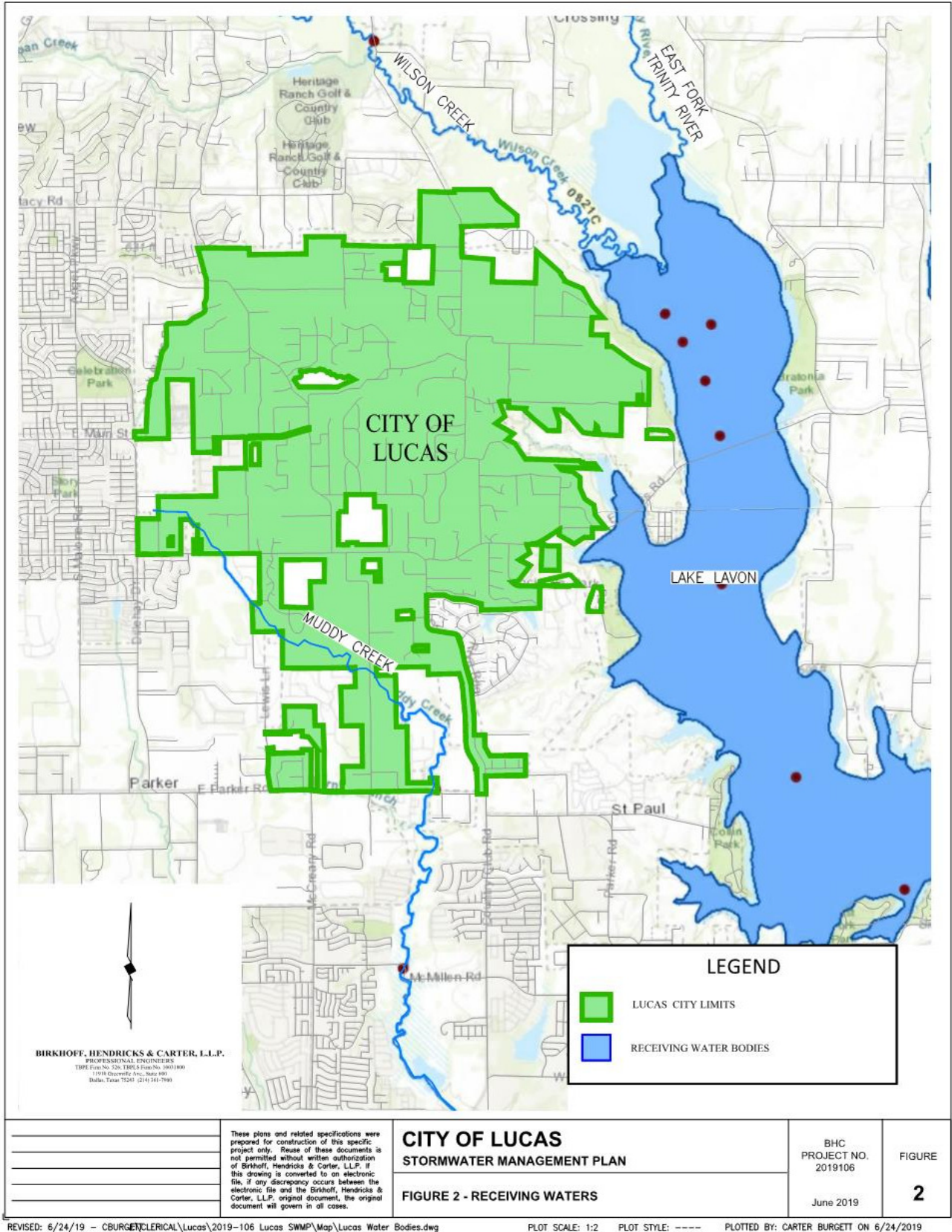


Figure 2 – Receiving Waters Map

## **V. LEGAL AUTHORITY**

Within two years from the permit effective date, the City of Lucas shall revise the existing ordinance(s) or other regulatory mechanism(s) that provide the City with adequate legal authority to control pollutant discharges into and from the small MS4. The legal authority must, at a minimum, address the following:

- A. Authority to prohibit illicit discharges and illicit connections;
- B. Authority to respond to and contain other releases – Control the discharge of spills, and prohibit dumping or disposal of materials other than stormwater into the small MS4;
- C. Authority to require compliance with conditions in the permittee’s ordinances, permits, contracts, or orders;
- D. Authority to require installation, implementation, and maintenance of control measures;
- E. Authority to receive and collect information, such as stormwater plans, inspection reports, and other information deemed necessary to assess compliance with this permit, from operators of construction sites, new or redeveloped land, and industrial and commercial facilities
- F. Authority, as needed, to enter and inspect private property including facilities, equipment, practices, or operations related to stormwater discharges to the small MS4
- G. Authority to respond to non-compliance with BMPs required by the small MS4 consistent with ordinance(s) or other regulatory mechanism(s);
- H. Authority to assess penalties, including monetary, civil, or criminal penalties; and
- I. Ability to enter into interagency or interlocal agreements or other maintenance agreements, as necessary.

### **Existing Limitations to City of Lucas Legal Authority**

Lucas’ existing ordinances include many of the above-listed items. In lieu of determining the remaining limitations to legal authority, the City considers adopting a SWMP-specific ordinance for provision of adequate Legal Authority to enforce all proposed BMPs. Adoption of Ordinance shall be within the first two years of this permit cycle.

## VI. Acronyms, Definitions & References

### ACRONYMS

Best Management Practice (BMP)  
Construction General Permit (CGP)  
Illicit Discharge Detection and Elimination (IDDE)  
Maximum Extent Practicable (MEP)  
Minimum Control Measure (MCM)  
Multi Sector General Permit (MSGP)  
Municipal Separate Storm Sewer System (MS4)  
National Pollutant Discharge Elimination System (NPDES)  
Operation and Maintenance (O&M)  
Storm Water Management Program (SWMP)  
Storm Water Pollution Prevention Plan (SW3P)  
Texas Commission on Environmental Quality (TCEQ)  
Texas Pollutant Discharge Elimination System (TPDES)  
Total Maximum Daily Load (TMDL)

### DEFINITIONS *From the General Permit*

**Arid Areas** - Areas with an average annual rainfall of less than ten (10) inches.

**Benchmarks**- A benchmark pollutant value is a guidance level indicator that helps determine the effectiveness of chose best management practices (BMPs). This type of monitoring differs from “compliance monitoring” in that exceedances of the indicator or benchmark level are not permit violations, but rather indicators that can help identify problems at the MS4 with exposed or unidentified pollutant sources; or control measures that are either not working correctly, whose effectiveness need to be re-considered, or that need to be supplemented with additional BMP(s).

**Best Management Practices (BMPs)** - Schedules of activities, prohibitions of practices, maintenance procedures, structural controls, local ordinances, and other management practices to prevent or reduce the discharge of pollutants. BMPs also include treatment requirements, operating procedures, and practices to control runoff, spills or leaks, waste disposal, or drainage from raw material storage areas.

**Catch basins** - Storm drain inlets and curb inlets to the storm drain system. Catch basins typically include a grate or curb inlet that may accumulate sediment, debris, and other pollutants.

**Classified Segment** - A water body that is listed and described in Appendix A or Appendix C of the Texas Surface Water Quality Standards, at 30 Texas Administrative Code (TAC) § 307.10.

**Clean Water Act (CWA)** - The Federal Water Pollution Control Act or Federal Water Pollution Control Act Amendments of 1972, Pub.L. 92-500, as amended Pub. L. 95-217, Pub. L. 95-576, Pub. L. 96-483 and Pub. L. 97-117, 33 U.S.C. 1251 et. seq.

**Common Plan of Development or Sale** - A construction activity that is completed in separate stages, separate phases, or in combination with other construction activities. A common plan of development or sale is identified by the documentation for the construction project that identifies the scope of the project, and may include plats, blueprints, marketing plans, contracts, building permits, a public notice or hearing, zoning requests, or other similar documentation and activities.

**Construction Activity** - Soil disturbance, including clearing, grading, excavating, and other construction related activities (e.g., stockpiling of fill material and demolition); and not including routine maintenance that is performed to maintain the original line and grade, hydraulic capacity, or original purpose of the site (e.g., the routine grading of existing dirt roads, asphalt overlays of existing roads, the routine clearing of existing right-of-ways, and similar maintenance activities). Regulated construction activity is defined in terms of small and large construction activity.

**Small Construction Activity** is construction activity that results in land disturbance of equal to or greater than one (1) acre and less than five (5) acres of land. Small construction activity also includes the disturbance of less than one (1) acre of total land area that is part of a larger common plan of development or sale if the larger common plan will ultimately disturb equal to or greater than one (1) and less than five (5) acres of land.

**Large Construction Activity** is construction activity that results in land disturbance of equal to or greater than five (5) acres of land. Large construction activity also includes the disturbance of less than five (5) acres of total land area that is part of a larger common plan of development or sale if the larger common plan will ultimately disturb equal to or greater than five (5) acres of land.

**Construction Site Operator** - The entity or entities associated with a small or large construction project that meet(s) either of the following two criteria:

- a) The entity or entities that have operational control over construction plans and specifications (including approval of revisions) to the extent necessary to meet the requirements and conditions of this general permit; or
- b) The entity or entities that have day-to-day operational control of those activities at a construction site that are necessary to ensure compliance with a stormwater pollution prevention plan (SWP3) for the site or other permit conditions (for example they are authorized to direct workers at a site to carry out activities required by the SWP3 or comply with other permit conditions).

**Control Measure** - Any BMP or other method used to prevent or reduce the discharge of pollutants to water in the state.

**Conveyance** - Curbs, gutters, man-made channels and ditches, drains, pipes, and other constructed features designed or used for flood control or to otherwise transport stormwater runoff.

**Discharge** – When used without a qualifier, refers to the discharge of stormwater runoff or certain non-stormwater discharges as allowed under the authorization of this general permit.

**Edwards Aquifer** - As defined in 30 TAC §213.3 (relating to the Edwards Aquifer), that portion of an arcuate belt of porous, water-bearing, predominantly carbonate rocks known as the Edwards and Associated Limestones in the Balcones Fault Zone trending from west to east to northeast in Kinney, Uvalde, Medina, Bexar, Comal, Hays, Travis, and Williamson Counties; and composed of the Salmon Peak Limestone, McKnight Formation, West Nueces Formation, Devil's River Limestone, Person Formation, Kainer Formation, Edwards Formation, and Georgetown Formation. The permeable aquifer units generally overlie the less-permeable Glen Rose Formation to the south, overlie the less-permeable Comanche Peak and Walnut Formations north of the Colorado River, and underlie the less-permeable Del Rio Clay regionally.

**Edwards Aquifer Recharge Zone** - Generally, that area where the stratigraphic units constituting the Edwards Aquifer crop out, including the outcrops of other geologic formations in proximity to the Edwards Aquifer, where caves, sinkholes, faults, fractures, or other permeable features would create a potential for recharge of surface waters into the Edwards Aquifer. The recharge zone is identified as that area designated as such on official maps located in the offices of the TCEQ or the TCEQ website.

**Final Stabilization** - A construction site where any of the following conditions are met:

- a) All soil disturbing activities at the site have been completed and a uniform (for example, evenly distributed, without large bare areas) perennial vegetative cover with a density of 70 percent of the native background vegetative cover for the area has been established on all unpaved areas and areas not covered by permanent structures, or equivalent permanent stabilization measures (such as the use of riprap, gabions, or geotextiles) have been employed.
- 8) For individual lots in a residential construction site by either:
- (1) The homebuilder completing final stabilization as specified in condition (a) above;  
or
  - (2) The homebuilder establishing temporary stabilization for an individual lot prior to the time of transfer of the ownership of the home to the buyer and after informing the homeowner of the need for, and benefits of, final stabilization.
- 9) For construction activities on land used for agricultural purposes (for example pipelines across



crop or range land), final stabilization may be accomplished by returning the disturbed land to its preconstruction agricultural use. Areas disturbed that were not previously used for agricultural activities, such as buffer strips immediately adjacent to a surface water and areas which are not being returned to their preconstruction agricultural use must meet the final stabilization conditions of condition (a) above.

10) In arid, semi-arid, and drought-stricken areas only, all soil disturbing activities at the site have been completed and both of the following criteria have been met:

- (1) Temporary erosion control measures (e.g., degradable rolled erosion control product) are selected, designed, and installed along with an appropriate seed base to provide erosion control for at least three years without active maintenance by the operator, and
- (2) The temporary erosion control measures are selected, designed, and installed to achieve 70 percent vegetative coverage within three years.

**General Permit** - A permit issued to authorize the discharge of waste into or adjacent to water in the state for one or more categories of waste discharge within a geographical area of the state or the entire state as provided by Texas Water Code (TWC) §26.040.

**Groundwater Infiltration** - For the purposes of this permit, groundwater that enters a municipal separate storm sewer system (including sewer service connections and foundation drains) through such means as defective pipes, pipe joints, connections, or manholes.

**High Priority Facilities** - High priority facilities are facilities with a high potential to generate stormwater pollutants. These facilities must include, at a minimum, the MS4 operator's maintenance yards, hazardous waste facilities, fuel storage locations, and other facilities where chemicals or other materials have a high potential to be discharged in stormwater. Among the factors that must be considered when giving a facility a high priority ranking are: the amount of urban pollutants stored at the site, the identification of improperly stored materials, activities that must not be performed outside (for example, changing automotive fluids, vehicle washing), proximity to water bodies, proximity to sensitive aquifer recharge features, poor housekeeping practices, and discharge of pollutant(s) of concern to impaired water(s).

**Hyperchlorinated Water** – Water resulting from hyperchlorination of waterlines or vessels, with a chlorine concentration greater than 10 milligrams per liter (mg/L).

**Illicit Connection** - Any man-made conveyance connecting an illicit discharge directly to a municipal separate storm sewer.

**Illicit Discharge** - Any discharge to a municipal separate storm sewer that is not entirely composed of stormwater, except discharges pursuant to this general permit or a separate authorization and discharges resulting from emergency fire-fighting activities.

**Impaired Water** - A surface water body that is identified on the latest approved CWA §303(d) List or waters with an EPA approved or established total maximum daily load (TMDL) that are found on the latest EPA approved *Texas Integrated Report of Surface Water Quality for CWA Sections 305(b) and 303(d)* which lists the category 4 and 5 water bodies.

**Indian Country** - Defined in 18 USC § 1151 as: (a) All land within the limits of any Indian reservation under the jurisdiction of the United States (U.S.) Government, notwithstanding the issuance of any patent, and including rights-of-way running through the reservation; (b) All dependent Indian communities within the borders of the U.S. whether within the original or subsequently acquired territory thereof, and whether within or without the limits of a state; and (c) All Indian allotments, the Indian titles to which have not been extinguished, including rights-of-way running through the same. This definition includes all land held in trust for an Indian tribe.

**Indicator Pollutant** - An easily measured pollutant, that may or may not impact water quality that indicates the presence of other stormwater pollutants.

**Industrial Activity** - Any of the ten (10) categories of industrial activities included in the definition of “stormwater discharges associated with industrial activity” as defined in 40 Code of Federal Regulations (CFR) §122.26(b)(14)(i)-(ix) and (xi).

**Infeasible** – For the purpose of this permit, infeasible means not technologically possible, or not economically practicable and achievable in light of best industry practices. The TCEQ notes that it does not intend for any small MS4 permit requirement to conflict with state water right laws.

**Maximum Extent Practicable (MEP)** - The technology-based discharge standard for municipal separate storm sewer systems (MS4s) to reduce pollutants in stormwater discharges that was established by the CWA § 402(p). A discussion of MEP as it applies to small MS4s is found in 40 CFR § 122.34.

**MS4 Operator** - For the purpose of this permit, the public entity or the entity contracted by the public entity, responsible for management and operation of the small municipal separate storm sewer system that is subject to the terms of this general permit.

**Municipal Separate Storm Sewer System (MS4)** - A conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains):

- b) Owned or operated by the U.S., a state, city, town, borough, county, parish, district, association, or other public body (created by or pursuant to state law) having jurisdiction over the disposal of sewage, industrial wastes, stormwater, or other wastes, including special districts under state law such as a sewer district, flood control district or drainage district, or similar entity, or an Indian tribe or an authorized Indian tribal organization, or a designated and approved management agency under the CWA §208 that discharges to surface water in the state;

- 11) That is designed or used for collecting or conveying stormwater;
- 12) That is not a combined sewer; and
- 13) That is not part of a publicly owned treatment works (POTW) as defined in 40 CFR §122.2.

**Non-traditional Small MS4** - A small MS4 that often cannot pass ordinances and may not have the enforcement authority like a traditional small MS4 would have to enforce the stormwater management program. Examples of non-traditional small MS4s include counties, transportation authorities (including the Texas Department of Transportation), municipal utility districts, drainage districts, military bases, prisons and universities.

**Notice of Change (NOC)** - A written notification from the permittee to the executive director providing changes to information that was previously provided to the agency in a notice of intent.

**Notice of Intent (NOI)** - A written submission to the executive director from an applicant requesting coverage under this general permit.

**Notice of Termination (NOT)** - A written submission to the executive director from a permittee authorized under a general permit requesting termination of coverage under this general permit.

**Outfall** - A point source at the point where a small MS4 discharges to waters of the U.S. and does not include open conveyances connecting two municipal separate storm sewers, or pipes, tunnels, or other conveyances that connect segments of the same stream or other waters of the U.S. are used to convey waters of the U.S. For the purpose of this permit, sheet flow leaving a linear transportation system without channelization is not considered an outfall. Point sources such as curb cuts; traffic or right-of-way barriers with drainage slots that drain into open culverts, open swales or an adjacent property, or otherwise not actually discharging into waters of the U.S. are not considered an outfall.

**Permittee** - The MS4 operator authorized under this general permit.

**Point Source** - (from 40 CFR § 122.22) any discernible, confined, and discrete conveyance, including but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, landfill leachate collection system, vessel or other floating craft from which pollutants are or may be discharged. This term does not include return flows from irrigated agriculture or agricultural stormwater runoff.

**Pollutant(s) of Concern** – For the purpose of this permit, includes biochemical oxygen demand (BOD), sediment or a parameter that addresses sediment (such as total suspended solids (TSS), turbidity or siltation), pathogens, oil and grease, and any pollutant that has been identified as a cause of impairment of any water body that will receive a discharge from an MS4. (Definition from 40 CFR § 122.32(e)(3)).

**Redevelopment** - Alterations of a property that changed the "footprint" of a site or building in such a way that there is a disturbance of equal to or greater than one (1) acre of land. This term does not

include such activities as exterior remodeling, routine maintenance activities, and linear utility installation.

**Semiarid Areas** - Areas with an average annual rainfall of at least ten (10) inches, but less than 20 inches.

**Small Municipal Separate Storm Sewer System (MS4)** – A conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, manmade channels, or storm drains):

- c) Owned or operated by the U.S., a state, city, town, borough, county, district, association, or other public body (created by or pursuant to State law) having jurisdiction over disposal of sewage, industrial wastes, stormwater, or other wastes, including special districts under state law such as a sewer district, flood control district or drainage district, or similar entity, or an Indian tribe or an authorized Indian tribal organization, or a designated and approved management agency under CWA § 208;
- 14) Designed or used for collecting or conveying stormwater;
- 15) Which is not a combined sewer;
- 16) Which is not part of a publicly owned treatment works (POTW) as defined in 40 CFR § 122.2; and
- 17) Which was not previously regulated under a National Pollutant Discharge Elimination System (NPDES) or a Texas Pollutant Discharge Elimination System (TPDES) individual permit as a medium or large municipal separate storm sewer system, as defined in 40 CFR §§122.26(b)(4) and (b)(7).

This term includes systems similar to separate storm sewer systems at military bases, large hospitals or prison complexes, and highways and other thoroughfares. This term does not include separate storm sewers in very discrete areas, such as individual buildings. For the purpose of this permit, a very discrete system also includes storm drains associated with certain municipal offices and education facilities serving a nonresidential population, where those storm drains do not function as a system, and where the buildings are not physically interconnected to a small MS4 that is also operated by that public entity.

**Stormwater and Stormwater Runoff** - Rainfall runoff, snow melt runoff, and surface runoff and drainage.

**Stormwater Associated with Construction Activity** - Stormwater runoff from an area where there is either a large construction or a small construction activity.

**Stormwater Management Program (SWMP)** - A comprehensive program to manage the quality of discharges from the municipal separate storm sewer system.

**Structural Control (or Practice)** - A pollution prevention practice that requires the construction of a device, or the use of a device, to capture or prevent pollution in stormwater runoff. Structural controls and practices may include but are not limited to: wet ponds, bioretention, infiltration basins, stormwater wetlands, silt fences, earthen dikes, drainage swales, vegetative lined ditches, vegetative filter strips, sediment traps, check dams, subsurface drains, storm drain inlet protection, rock outlet protection, reinforced soil retaining systems, gabions, and temporary or permanent sediment basins.

**Surface Water in the State** - Lakes, bays, ponds, impounding reservoirs, springs, rivers, streams, creeks, estuaries, wetlands, marshes, inlets, canals, the Gulf of Mexico inside the territorial limits of the state (from the mean high water mark (MHW) out 10.36 miles into the Gulf), and all other bodies of surface water, natural or artificial, inland or coastal, fresh or salt, navigable or non-navigable, and including the beds and banks of all water courses and bodies of surface water, that are wholly or partially inside or bordering the state or subject to the jurisdiction of the state; except that waters in treatment systems which are authorized by state or federal law, regulation, or permit, and which are created for the purpose of waste treatment are not considered to be water in the state.

**Total Maximum Daily Load (TMDL)** - The total amount of a substance that a water body can assimilate and still meet the Texas Surface Water Quality Standards.

**Traditional Small MS4** - A small MS4 that can pass ordinances and have the enforcement authority to enforce the stormwater management program. An example of traditional MS4s includes cities.

**Urbanized Area (UA)** - An area of high population density that may include multiple small MS4s as defined and used by the U.S. Census Bureau in the 2000 and the 2010 Decennial Census.

**Waters of the United States** - (According to 40 CFR § 122.2) Waters of the United States or waters of the U.S. means:

- d) All waters which are currently used, were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide;
- 18) All interstate waters, including interstate wetlands;
- 19) All other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds that the use, degradation, or destruction of which would affect or could affect interstate or foreign commerce including any such waters:
- (1) Which are or could be used by interstate or foreign travelers for recreational or other purposes;
  - (2) From which fish or shellfish are or could be taken and sold in interstate or foreign commerce; or

- (3) Which are used or could be used for industrial purposes by industries in interstate commerce;
- 20) All impoundments of waters otherwise defined as waters of the United States under this definition;
- 21) Tributaries of waters identified in paragraphs (a) through (d) of this definition;
- 22) The territorial sea; and
- 23) Wetlands adjacent to waters (other than waters that are themselves wetlands) identified in paragraphs (a) through (f) of this definition.

Waste treatment systems, including treatment ponds or lagoons designed to meet the requirements of the CWA are not waters of the U.S. This exclusion applies only to manmade bodies of water which neither were originally created in waters of the U.S. (such as disposal area in wetlands) nor resulted from the impoundment of waters of the U.S. Waters of the U.S. do not include prior converted cropland. Notwithstanding the determination of an area's status as prior converted cropland by any other federal agency, for the purposes of the CWA, the final authority regarding the CWA jurisdiction remains with the EPA.

## **REFERENCES**

### **Texas Commission on Environmental Quality**

[www.tceq.texas.gov](http://www.tceq.texas.gov)

### **North Central Texas Council of Governments**

[www.nctcog.org](http://www.nctcog.org)

### **United States Environmental Protection Agency**

[www.epa.gov](http://www.epa.gov)

**Appendix A**

**Best Management Practices**

**Activities and Documentation List**

						Best Management Practices: 5-Year Implementation Timeline				
MCM	MCM Reference	BMP No.	BMP	Goals & Description	Documentation	Year-1 (2019)	Year-2 (2020)	Year-3 (2021)	Year-4 (2022)	Year-5 (2023)
1	III.B.1. Public Education, Outreach, and Involvement (a)Public Education and Outreach (b)Public Involvement  III.B.2. Illicit Discharge and Elimination (c)(2)Education & Training	1	Public Education & Outreach	• Provide One (1) Stormwater Educational Flyer Each Year to City Account Holders (Target Audience: Public Employees, Businesses & General Public)  (Include Instructions for Public-Reporting of Illicit Discharges & Promote Stormwater Educational page on Website & Inform of SWMP on Website and at City Hall & Offer Public Input for the SWMP via Hotline & Request Public Reporting of Construction Activities)	(Met/Not Met) - Stormwater Pollution Prevention & SWMP Informational Flyers Distributed Annually with Utility Bills to Target Audience (Public Employees, Businesses & General Public)	Distribute Stormwater Pollution-Reduction Educational Flyers in Utility Bills Once Annually	Distribute Stormwater Pollution-Reduction Educational Flyers in Utility Bills Once Annually	Distribute Stormwater Pollution-Reduction Educational Flyers in Utility Bills Once Annually	Distribute Stormwater Pollution-Reduction Educational Flyers in Utility Bills Once Annually	Distribute Stormwater Pollution-Reduction Educational Flyers in Utility Bills Once Annually
1	III.B.1. Public Education, Outreach, and Involvement (a)Public Education and Outreach (b)Public Involvement	2	City-Employee Training	• Provide City Employee Training via One (1) Stormwater BMP video Emailed to All City Employees Each Year	(Met/Not Met) - City Employees Trained on Stormwater BMPs via One Video Emailed to All City Employees Each Year	Email one Stormwater BMP Training Video to All City Employees	Email one Stormwater BMP Training Video to All City Employees	Email one Stormwater BMP Training Video to All City Employees	Email one Stormwater BMP Training Video to All City Employees	Email one Stormwater BMP Training Video to All City Employees
2,3	III.B.2. Illicit Discharge and Elimination (c)(2)Education & Training  III.B.3. Construction Site Stormwater Runoff Control (b)(7)MS4 Staff Training	3	MS4 Staff Training	• Provide MS4 Staff Training for the IDDE Program & Spill Response Each Year & Include Construction Site Erosion Control and Disturbed-Site Soil Stabilization Requirements	(Met/Not Met) - MS4 Staff Employees Trained on IDDE Program, Spill Response & Construction Site Erosion Control and Disturbed-Site Soil Stabilization Requirements Each Year (Document Attendance Record)	Train MS4 Staff of IDDE Program, Spill Response, Construction Site Erosion Control and Soil Stabilization Requirements	Train New MS4 Staff of IDDE Program, Spill Response, Construction Site Erosion Control and Soil Stabilization Requirements	Train New MS4 Staff of IDDE Program, Spill Response, Construction Site Erosion Control and Soil Stabilization Requirements	Train New MS4 Staff of IDDE Program, Spill Response, Construction Site Erosion Control and Soil Stabilization Requirements	Train New MS4 Staff of IDDE Program, Spill Response, Construction Site Erosion Control and Soil Stabilization Requirements
5	III.B.5. Pollution Prevention and Good Housekeeping for Municipal Operations (b)(2)Training and Education	4	O&M Personnel Training	• Provide O&M Personnel Training on Stormwater BMPs & Good Housekeeping	(Met/Not Met) - City Operation & Maintenance Employees Trained on BMPs & Good Housekeeping for Stormwater Pollution Control Each Year (Document Attendance Record)	Train City's O&M Employees of Stormwater BMPs & Good Housekeeping for Hazardous Materials & Gather input on O&M Self-Assessment	Train City's New O&M Employees of Stormwater BMPs & Good Housekeeping for Hazardous Materials	Train City's New O&M Employees of Stormwater BMPs & Good Housekeeping for Hazardous Materials	Train City's New O&M Employees of Stormwater BMPs & Good Housekeeping for Hazardous Materials	Train City's New O&M Employees of Stormwater BMPs & Good Housekeeping for Hazardous Materials
1	III.B.1. Public Education, Outreach, and Involvement (b)Public Involvement	5	Waste Cleanup	• Organize & Conduct Public-Involvement Trash Cleanup Event Each Year	(#) - Pounds of Trash Collected (Document Locations of Trash Cleanup)	Organize & Conduct Public-Involvement Trash Cleanup	Organize & Conduct Public-Involvement Trash Cleanup	Organize & Conduct Public-Involvement Trash Cleanup	Organize & Conduct Public-Involvement Trash Cleanup	Organize & Conduct Public-Involvement Trash Cleanup
1	III.B.1. Public Education, Outreach, and Involvement (a)Public Education and Outreach (b)Public Involvement	6	Web Site SWMP & Public Notice	• Post Approved SWMP within 30-days of Approval (& Post Annual Reports Each Year within 30-days of Due Date) on Website <a href="http://www.lucastexas.us">www.lucastexas.us</a>	(Met/Not Met) - Post SWMP (or) Annual Reports on Website (& Post Notice of Change (NOC), if any) (Document Date of Posting)	Post SWMP within 30-days of Approval on Website & Publish Notice to Public of Executive Director's Preliminary Decision Per Section II.E.16. Public Notice Process for NOI Submittal (pg. 29) of the General Permit.	Post Annual Report within 30-days of Due Date on Website & Post NOC, if any	Post Annual Report within 30-days of Due Date on Website & Post NOC, if any	Post Annual Report within 30-days of Due Date on Website & Post NOC, if any	Post Annual Report within 30-days of Due Date on Website & Post NOC, if any
1	III.B.1. Public Education, Outreach, and Involvement (a)Public Education and Outreach (b)Public Involvement	7	Web Site Education	• Post Links for Additional Stormwater Pollution Control Educational Resources on Website <a href="http://www.lucastexas.us">www.lucastexas.us</a>	(Met/Not Met) -Post Educational Stormwater Videos or Informational Links Each Year on website (One New video added or substituted Annually)	Post Educational Stormwater Videos or Informational Links on Website	Post Educational Stormwater Videos or Informational Links on Website	Post Educational Stormwater Videos or Informational Links on Website	Post Educational Stormwater Videos or Informational Links on Website	Post Educational Stormwater Videos or Informational Links on Website
1, 2	III.B.1. Public Education, Outreach, and Involvement (b)Public Involvement  III.B.2. Illicit Discharge and Elimination (c)(3)Public Reporting  III.B.3. Construction Site Stormwater Runoff Control (b)(6)Information Submitted by Public	8	Public Stormwater Reporting	• Provide Stormwater Reporting Tool on Website & Promote via Flyers (Stormwater Runoff Hotline at 214-644-8999)	(#) - Reports Made to City Regarding Stormwater or Pollution (Log Reports and City Responses)	Document Reports and City Responses to Public Stormwater or Pollution-Related Concerns	Document Reports and City Responses to Public Stormwater or Pollution-Related Concerns	Document Reports and City Responses to Public Stormwater or Pollution-Related Concerns	Document Reports and City Responses to Public Stormwater or Pollution-Related Concerns	Document Reports and City Responses to Public Stormwater or Pollution-Related Concerns
2	III.B.2. Illicit Discharge and Elimination (a)(1)Program Development (c)(2)Education & Training (c)(4)Spill Response Procedures (c)(5)Source Investigation & Elimination (c)(6)Inspections	9	Illicit Discharge Detection & Elimination (IDDE) Program Summary	• Create & Distribute to MS4 Staff a Written Summary of IDDE Program & Spill Response Plan, including Procedures describing the basis for conducting Inspections in response to Complaints or Findings & for conducting Follow-Up Investigations. Detail Procedures for Tracing the Source of Illicit Discharge & Method for Training MS4 Staff	(Met/Not Met) - Create IDDE Program Summary & Distribute to MS4 Staff	Create & Distribute IDDE Program Summary, & Provide Document to MS4 Staff	Continue Development of IDDE Program Summary & Provide Document to MS4 Staff	Provide IDDE Program Document to New MS4 Staff (IDDE Training is BMP #3)	Provide IDDE Program Document to New MS4 Staff (IDDE Training is BMP #3)	Provide IDDE Program Document to New MS4 Staff (IDDE Training is BMP #3)
2	III.B.2. Illicit Discharge and Elimination (a)(1)Program Development (c)(2)Education & Training (c)(4)Spill Response Procedures (c)(5)Source Investigation & Elimination (c)(6)Inspections	10	Illicit Discharge Detection & Elimination (IDDE) Enforcement	• Conduct Inspections, as required, for Each Reported Stormwater Complaint or Finding to identify Presence/Sources of Illicit Connections, Illegal Dumping and Pollution Point Sources & Remediate Pollution Source to the MEP	(#) - IDDE Inspections Performed (Document Complaint, Inspection, Follow-up Inspections & Remediation Actions)	Inspect Illicit Discharges & Assert Authorities as required to Remediate any Pollution Source & Document	Inspect Illicit Discharges & Assert Authorities as required to Remediate any Pollution Source & Document	Inspect Illicit Discharges & Assert Authorities as required to Remediate any Pollution Source & Document	Inspect Illicit Discharges & Assert Authorities as required to Remediate any Pollution Source & Document	Inspect Illicit Discharges & Assert Authorities as required to Remediate any Pollution Source & Document
2	III.B.2. Illicit Discharge and Elimination (c)(1)MS4 mapping	11	Storm Sewer System Map	• Create MS4 Storm Sewer System Map, showing Outfall Locations and Receiving Water Bodies	(Met/Not Met) - Develop, Formalize or Update Annually, the MS4 Map	Create Working MS4 Map which Identifies Outfall Locations and Receiving Water Bodies	Formalize MS4 Map with CADD Software & Display Printed Map in workplace of City Stormwater Employees	Update Stormwater Map as Required	Update Stormwater Map as Required	Update Stormwater Map as Required



						Best Management Practices: 5-Year Implementation Timeline				
MCM	MCM Reference	BMP No.	BMP	Goals & Description	Documentation	Year-1 (2019)	Year-2 (2020)	Year-3 (2021)	Year-4 (2022)	Year-5 (2023)
3	III.B.3. Construction Site Stormwater Runoff Control (b)(2)d Stabilization & Erosion Control SWP3 (b)(4)Construction Plan Review Procedures	12	Construction Site Erosion Control & Site Plan Review	<ul style="list-style-type: none"><li>• Ensure All Construction Sites are Authorized to Discharge under Construction General Permit TXR150000 (Required Site Stabilization within 14-days of Halting Disturbance Activities)</li><li>• Develop/ Employ Site Plan Review Procedures for All Construction Projects disturbing One Acre or more (or part of larger common plan) (Include description of Which Plans will be reviewed as well as When the operator may begin construction)</li></ul>	<b>(#) - Construction Activities Verified for Discharge Authorization Each Year Under TXR150000 (Document any Site Stabilization Violations)</b>  <b>(Met/Not Met) - Develop Construction Site Plan Review Procedures Document</b>  <b>(#) - of Construction Plan/ SWP3 Reviews Conducted Each Year</b>	Require All Construction Site Operators within MS4 to provide copy of TCEQ Site Notice & Report Site Stabilization Violations to TCEQ (14-Day Delinquencies)  Develop Site Plan Review Procedures for Construction Sites & Review SWP3 for all Construction Sites	Require All Construction Site Operators within MS4 to provide copy of TCEQ Site Notice & Report Site Stabilization Violations (14-Day Delinquencies) to TCEQ  Review SWP3 for all Construction Sites	Require All Construction Site Operators within MS4 to provide copy of TCEQ Site Notice & Report Site Stabilization Violations (14-Day Delinquencies) to TCEQ  Review SWP3 for all Construction Sites	Require All Construction Site Operators within MS4 to provide copy of TCEQ Site Notice & Report Site Stabilization Violations (14-Day Delinquencies) to TCEQ  Review SWP3 for all Construction Sites	Require All Construction Site Operators within MS4 to provide copy of TCEQ Site Notice & Report Site Stabilization Violations (14-Day Delinquencies) to TCEQ  Review SWP3 for all Construction Sites
3	III.B.3. Construction Site Stormwater Runoff Control (b)(5)Construction Site Inspections	13	Construction Site Inspection and Enforcement	<ul style="list-style-type: none"><li>• Develop/ Employ Construction Site Inspection Procedure Document for Inspection, Follow-up Inspection and Enforcement of Construction sites in the MS4, Including an Inspection Reporting Form. (Ensure Conformance to the BMPs required to reduce Stormwater Pollution to the MEP &amp; for conformance with Local Codes and Ordinances) (Document Inspections &amp; Follow-up Inspections with written report)</li></ul>	<b>(#) - Inspections Performed and Documented</b>  <b>(Document with Reporting Form &amp; Record Construction Site Enforcement Actions)</b>	Develop Inspection Procedure Document & Inspection Reporting Form  Perform Construction Site Inspections of Disturbed Sites & Follow-up Inspections (Document with Inspection Report Form)	Perform Construction Site Inspections of Disturbed Sites & Follow-up Inspections (Document with Inspection Report Form)	Perform Construction Site Inspections of Disturbed Sites & Follow-up Inspections (Document with Inspection Report Form)	Perform Construction Site Inspections of Disturbed Sites & Follow-up Inspections (Document with Inspection Report Form)	Perform Construction Site Inspections of Disturbed Sites & Follow-up Inspections (Document with Inspection Report Form)
4	III.B.4. Post-Construction Stormwater Management in New Development and Redevelopment (b)(3)Enforcement	14	Post-Construction Stormwater Management	<ul style="list-style-type: none"><li>• Employ Long-Term Maintenance Plan or Agreement for Ongoing Operation &amp; Maintenance of Stormwater Control Measures (Document Post Construction Drainage O&amp;M Activities &amp; Enforcement Actions)</li></ul>	<b>(Met/Not Met) - Require Maintenance Plan for ongoing maintenance of Privately-Owned, Permanent Stormwater Controls, as Required.</b>	Require Maintenance Plan for Permanent, Privately-Owned, Stormwater Controls (Document Post Construction Drainage O&M Activities & Enforcement Actions)	Require Maintenance Plan for Permanent, Privately-Owned, Stormwater Controls (Document Post Construction Drainage O&M Activities & Enforcement Actions)	Require Maintenance Plan for Permanent, Privately-Owned, Stormwater Controls (Document Post Construction Drainage O&M Activities & Enforcement Actions)	Require Maintenance Plan for Permanent, Privately-Owned, Stormwater Controls (Document Post Construction Drainage O&M Activities & Enforcement Actions)	Require Maintenance Plan for Permanent, Privately-Owned, Stormwater Controls (Document Post Construction Drainage O&M Activities & Enforcement Actions)
5	III.B.5. Pollution Prevention and Good Housekeeping for Municipal Operations (b)(1)Permittee-Owned Facilities and Control Inventory	15	Inventory of Facilities and Stormwater Controls	<ul style="list-style-type: none"><li>• Develop &amp; Maintain an Inventory of Permittee-Owned &amp; Operated Facilities &amp; Stormwater Controls within the MS4, including Permit Nos., Registration Nos. &amp; Authorizations for each Facility or Control, if any</li></ul>	<b>(Met/Not Met) - Develop/ Update Annually Permittee-Owned Facilities &amp; Stormwater Controls Inventory List</b>	Create Inventory List of Stormwater Controls & Facilities of Concern for Pollutant Handling that are Owned or Operated by the City	Update Inventory List of Stormwater Controls & Facilities of Concern for Pollutant Handling that are Owned or Operated by the City	Update Inventory List of Stormwater Controls & Facilities of Concern for Pollutant Handling that are Owned or Operated by the City	Update Inventory List of Stormwater Controls & Facilities of Concern for Pollutant Handling that are Owned or Operated by the City	Update Inventory List of Stormwater Controls & Facilities of Concern for Pollutant Handling that are Owned or Operated by the City
5	III.B.5. Pollution Prevention and Good Housekeeping for Municipal Operations (b)(4)Contractor Requirements and Oversight	16	Contractor Requirements & Oversight	<ul style="list-style-type: none"><li>• Develop/ Employ Oversight Procedures Document which outlines City's monitoring of work by City-Hired Contractors for work on City-Owned Facilities for Inspecting Compliance with Stormwater BMPs within the MS4</li><li>• Require Contractual Agreement with City-Hired Contractors for work on City-Owned Facilities to be Performed in Compliance with Stormwater Control Measures &amp; Good Housekeeping Practices</li></ul>	<b>(Met/Not Met) - Develop/ Employ Oversight Procedures Document (Including Requirement of Contractual Agreement with City-Hired Contractors for Stormwater Control Measures &amp; Good Housekeeping Practices)</b>	Develop Oversight Procedures Document for Inspecting Compliance with Stormwater BMPs within the MS4 for City-Projects & Require Contractor Agreements for Stormwater Control Measures & Good Housekeeping Practices for City-Projects	Assert Contractor Oversight for City-Projects & Require Contractor Agreements for Stormwater Control Measures & Good Housekeeping Practices for City-Projects	Assert Contractor Oversight for City-Projects & Require Contractor Agreements for Stormwater Control Measures & Good Housekeeping Practices for City-Projects	Assert Contractor Oversight for City-Projects & Require Contractor Agreements for Stormwater Control Measures & Good Housekeeping Practices for City-Projects	Assert Contractor Oversight for City-Projects & Require Contractor Agreements for Stormwater Control Measures & Good Housekeeping Practices for City-Projects
5	III.B.5. Pollution Prevention and Good Housekeeping for Municipal Operations (b)(5)Municipal Operation and Maintenance Activities (b)(6)Structural Control Maintenance	17	Municipal Operations and Maintenance (O&M) Activity	<ul style="list-style-type: none"><li>• Perform Self-Assessment of Municipal O&amp;M Practices, including Operation Evaluation for Potential to Pollute Stormwater and Identification of O&amp;M Materials which are Pollutants of Concern</li><li>• Employ/ Inspect Pollution-Prevention Measures for O&amp;M</li></ul>	<b>(Met/Not Met) - Perform O&amp;M Self-Assessment for Good Housekeeping BMPs &amp; Employ Pollution Prevention Measures &amp; Inspect O&amp;M BMPs (Log BMP Inspections)</b>	Develop List of O&M Activities which have Potential to Pollute Stormwater	Evaluate use of Materials or Chemicals which have Potential to Pollute Stormwater & Employ Pollution Prevention Measures, as required	Update/ Reconsider O&M Practices Self-Assessment & Continue Employment of BMPs for O&M Activities & (Inspect O&M-BMPs & Log Inspections)	Update/ Reconsider O&M Practices Self-Assessment & Continue Employment of BMPs for O&M Activities & (Inspect O&M-BMPs & Log Inspections)	Update/ Reconsider O&M Practices Self-Assessment & Continue Employment of BMPs for O&M Activities & (Inspect O&M-BMPs & Log Inspections)
2, 3, 4	III.A.3. Legal Authority (Not MCM) (a)Traditional small MS4s  III.B.2. Illicit Discharge and Elimination (c)(5)cCorrective Action  III.B.3. Construction Site Stormwater Runoff Control (a)(1)Stabilization & Erosion Control Measures  III.B.4. Post-Construction Stormwater Management in New Development and Redevelopment (a)(2)Post-Construction Stormwater Ordinance (b)(2)Enforcement Records	18	Legal Authority (Ordinance)	<ul style="list-style-type: none"><li>•Adopt Ordinances that provide City with Adequate Legal authority to Control pollutant discharges from the MS4</li></ul> (via Provision of right-of-entry for City inspection, Prohibition of Illicit Connections/ Dumping/ Pollution Discharges, Requirement of BMP control measures and Authority to penalize)	<b>(Met/Not Met) - Ordinance Reviewed/Drafted/Adopted (Years 1 &amp; 2)</b>  <b>(#) - Instances of Enforcement Actions (Years 3-5)</b>	Review Current Code of Ordinances & Draft Ordinance Revision(s) or Replacement(s)	Adopt Proposed Ordinance(s) (RQD: Within 2-years)	Document Usage of the Ordinance(s)	Document Usage of the Ordinance(s)	Document Usage of the Ordinance(s)

**Appendix B**  
**TCEQ Notice of Intent (NOI)**  
**& Cover Sheet**



TCEQ Use Only

# TCEQ Core Data Form

For detailed instructions regarding completion of this form, please read the Core Data Form Instructions or call 512-239-5175.

## SECTION I: General Information

<b>1. Reason for Submission</b> (If other is checked please describe in space provided.)		
<input type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input checked="" type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)		<input type="checkbox"/> Other
<b>2. Customer Reference Number (if issued)</b>		<b>3. Regulated Entity Reference Number (if issued)</b>
CN 600653661		RN 105538748

[Follow this link to search for CN or RN numbers in Central Registry\\*\\*](#)

## SECTION II: Customer Information

<b>4. General Customer Information</b>		<b>5. Effective Date for Customer Information Updates (mm/dd/yyyy)</b>		07/01/2019	
<input type="checkbox"/> New Customer		<input checked="" type="checkbox"/> Update to Customer Information		<input type="checkbox"/> Change in Regulated Entity Ownership	
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)					
<b>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</b>					
<b>6. Customer Legal Name</b> (If an individual, print last name first: eg: Doe, John)				If new Customer, enter previous Customer below:	
City of Lucas					
<b>7. TX SOS/CPA Filing Number</b>		<b>8. TX State Tax ID</b> (11 digits)		<b>9. Federal Tax ID</b> (9 digits)	
				75-1707179	
<b>10. DUNS Number</b> (if applicable)		181860768			
<b>11. Type of Customer:</b>		<input type="checkbox"/> Corporation		<input type="checkbox"/> Individual	
Government: <input checked="" type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship		Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited	
<b>12. Number of Employees</b>		<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher		<b>13. Independently Owned and Operated?</b>	
				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<b>14. Customer Role</b> (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following:					
<input type="checkbox"/> Owner		<input type="checkbox"/> Operator		<input checked="" type="checkbox"/> Owner & Operator	
<input type="checkbox"/> Occupational Licensee		<input type="checkbox"/> Responsible Party		<input type="checkbox"/> Voluntary Cleanup Applicant <input type="checkbox"/> Other:	
<b>15. Mailing Address:</b>		665 Country Club Road			
City		Lucas		State TX ZIP 75002 ZIP + 4 7651	
<b>16. Country Mailing Information</b> (if outside USA)				<b>17. E-Mail Address</b> (if applicable)	
				shenderson@lucastexas.us	
<b>18. Telephone Number</b>		<b>19. Extension or Code</b>		<b>20. Fax Number</b> (if applicable)	
( 972 ) 912-1211				( ) -	

## SECTION III: Regulated Entity Information

<b>21. General Regulated Entity Information</b> (If 'New Regulated Entity' is selected below this form should be accompanied by a permit application)	
<input type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input checked="" type="checkbox"/> Update to Regulated Entity Information	
<b>The Regulated Entity Name submitted may be updated in order to meet TCEQ Agency Data Standards (removal of organizational endings such as Inc, LP, or LLC.)</b>	
<b>22. Regulated Entity Name</b> (Enter name of the site where the regulated action is taking place.)	
City of Lucas MS4	

23. Street Address of the Regulated Entity: (No PO Boxes)	665 Country Club Road							
	City	Lucas	State	TX	ZIP	75002	ZIP + 4	7651
24. County	Collin							
Enter Physical Location Description if no street address is provided.								
25. Description to Physical Location:								
26. Nearest City						State	Nearest ZIP Code	
27. Latitude (N) In Decimal:				28. Longitude (W) In Decimal:				
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds			
33	05	36	96	35	40			
29. Primary SIC Code (4 digits)	30. Secondary SIC Code (4 digits)		31. Primary NAICS Code (5 or 6 digits)		32. Secondary NAICS Code (5 or 6 digits)			
9111	9999							
33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)								
Municipality								
34. Mailing Address:	665 Country Club Road							
	City	Lucas	State	TX	ZIP	75002	ZIP + 4	7651
35. E-Mail Address:	shenderson@lucastexas.us							
36. Telephone Number		37. Extension or Code			38. Fax Number (if applicable)			
( 972 ) 912-1121					( ) -			

**39. TCEQ Programs and ID Numbers** Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.

<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input checked="" type="checkbox"/> PWS
<input type="checkbox"/> Sludge	<input checked="" type="checkbox"/> Storm Water	<input type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	0430054
	TXR040547			<input type="checkbox"/> Used Oil
<input type="checkbox"/> Voluntary Cleanup	<input type="checkbox"/> Waste Water	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:

#### SECTION IV: Preparer Information

40. Name:	Joseph Grajewski, PE	41. Title:	Professional Engineer
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
( 214 ) 361-7900		( 214 ) 461-8390	JGrajewski@bhcllp.com

#### SECTION V: Authorized Signature

**46.** By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

Company:	City of Lucas	Job Title:	City Manager
Name(In Print) :	Joni Clarke	Phone:	( 972 ) 912-1212
Signature:		Date:	



# Notice of Intent (NOI) for Small Municipal Separate Storm Sewer Systems (MS4) authorized under TPDES Phase II MS4 General Permit TXR040000

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## IMPORTANT:

Use the [INSTRUCTIONS](#) to fill out each question in this form.

Once approved, your permit authorization can be viewed at:

<http://www.tceq.texas.gov/goto/wq-dpa>

## APPLICATION FEE:

You must pay the **\$400** Application Fee to TCEQ for the application to be complete.

Payment and NOI must be mailed to separate addresses.

You can pay online at: <http://www.tceq.texas.gov/goto/epay>

Select Fee Type: GENERAL PERMIT MS4 PHASE II STORMWATER DISCHARGE NOI  
APPLICATION

## Provide your payment information below, for verification of payment:

Mailed      Check/Money Order Number:   
Check/Money Order Amount:   
Name Printed on Check:   
EPAY      Voucher Number:

Is a copy of the Payment Voucher enclosed? ☐ Yes

**One (1) copy of the NOI, Stormwater Management Program (SWMP) cover sheet,  
and SWMP MUST be submitted with the original NOI, SWMP cover sheet, and  
SWMP.**

Is the copy attached? ☒ Yes

## REASON FOR APPLICATION:

Select the reason you are submitting this application:

- ☐ New authorization  
☒ Renewal of authorization number: TXR040547

**Note: An authorization cannot be renewed after July 23, 2019**

## Section 1. OPERATOR (Applicant)

- a) If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity? CN 600653661
- b) What is the exact Legal Name of the entity (applicant) applying for this permit?  
City of Lucas
- c) Complete and attach a Core Data Form (TCEQ-10400) for this customer.

## Section 2. ANNUAL BILLING CONTACT

The operator is responsible for paying the annual water quality fee. The annual fee will be assessed to permits active on September 1 of each year. TCEQ will send a bill to the address provided in this section. The operator is responsible for terminating the permit when it is no longer needed.

Provide the name and contact information of the billing contact.

Prefix (Mr. or Ms.): Mr.

First and Last Name: Adam Gerster, CFM

Title: Engineering Project Manager

Organization Name: City of Lucas

Phone Number: 972-912-1209

Fax Number:

Email: agerster@lucastexas.us

Mailing Address: 665 Country Club Rd

City, State, and Zip Code: Lucas, Texas 75002

## Section 3. APPLICATION CONTACT

This is the person TCEQ will contact if additional information is needed about this application.

Provide the name and contact information of the application contact.

Prefix (Mr. or Ms.): Mr.

First and Last Name: Adam Gerster, CFM

Title: Engineering Project Manager

Organization Name: City of Lucas

Phone Number: 972-912-1209

Fax Number:

Email: agerster@lucastexas.us

Mailing Address: 665 Country Club Rd

City, State, and Zip Code: Lucas, TX 75002

#### Section 4. REGULATED ENTITY (RE) INFORMATION FOR SITE

- a) If this is an existing permitted site, what is the Regulated Entity Number (RN) issued to this site? RN 105538748
- b) Name of site as known by the local community:  
City of Lucas
- c) Name of the urbanized area(s) the Phase II MS4 is located within:  
Dallas-Ft Worth-Arlington
- d) Provide a brief description of the regulated MS4 boundaries: *Example: Area within the City of XXXX limits that is located within the xxx urbanized area:*  
Area within the City of Lucas limits that is located within the Dallas-Ft Worth-Arlington Urbanized Area

#### Section 5. GENERAL CHARACTERISTICS

- a) Is this site located on Indian Country Lands?
- ☐ Yes, do not submit this form. You must obtain authorization through U.S. EPA Region 6.
- ☒ No, continue to item b
- b) Has TCEQ formally “designated” the small MS4 as needing coverage under this general permit?
- ☐ Yes. Attach a copy of the documentation sent to the MS4 by TCEQ.
- ☒ No
- c) Select the MS4 level, which is based on the population served within the urbanized area (UA) **based on the most recent Decennial Census at the time of issuance of the general permit.**
- ☒ **Level 1:** Traditional small MS4s with a population of less than 10,000.
- ☐ **Level 2:** Traditional small MS4s with a population of at least 10,000 but less than 40,000.
- Non-traditional MS4s: This level also includes all non-traditional small MS4s regardless of population unless the non-traditional MS4 can demonstrate that it meets the criteria for a waiver from permit coverage. *Examples of non-traditional small MS4s include counties, drainage districts, transportation entities, military bases, universities, colleges, correctional institutions, municipal utility districts, and other special districts.*
- ☐ **Level 3:** Traditional small MS4s with a population of at least 40,000 but less than 100,000.
- ☐ **Level 4:** Traditional small MS4s with a population of 100,000 or more.
- d) What is the estimated current population served by your MS4 (regulated area?)  
5,166 People

e) Is the MS4 part of a coalition?

☐ Yes

☒ No

f) If yes, list the entity names of the coalition members responsible for implementation of the SWMP *and* their unique TXR04#### number.

- |    |                      |              |                      |
|----|----------------------|--------------|----------------------|
| 1. | <input type="text"/> | <u>TXR04</u> | <input type="text"/> |
| 2. | <input type="text"/> | <u>TXR04</u> | <input type="text"/> |
| 3. | <input type="text"/> | <u>TXR04</u> | <input type="text"/> |
| 4. | <input type="text"/> | <u>TXR04</u> | <input type="text"/> |
| 5. | <input type="text"/> | <u>TXR04</u> | <input type="text"/> |
| 6. | <input type="text"/> | <u>TXR04</u> | <input type="text"/> |

If needed, add a copy of this page to add more entities.

g) What is your annual reporting year?

☒ Calendar year

☐ Small MS4 General Permit year

☐ MS4 Fiscal year - What is the last month and day of the fiscal year?

h) Stormwater Management Program (SWMP)

1. I certify that the SWMP submitted with this NOI has been developed according to the provisions of the Small MS4 General Permit TXR040000. ☒ Yes
2. I certify that the SWMP Cover Sheet is completed and attached to the front of the SWMP. ☒ Yes
3. Have the program elements in the previous SWMP been re-assessed and modified and new program elements been developed and implemented, as necessary?  
☒ Yes  
☐ No. This facility did not have a previous authorization.
4. Is the optional 7<sup>th</sup> Minimum Control Measure (MCM) for Municipal Construction Activities selected and included with the attached SWMP?  
☒ No. Continue to Question 5.  
☐ Yes.  
If yes, is MCM 7 limited to the regulated area within the urbanized area?  
☐ Yes. Continue to Question 5.  
☐ No

If No, then MCM 7 is included in the geographic area or boundary outside of the urbanized area. Note: *In this case, you must incorporate the entire area*



(urbanized and non-urbanized areas) in the SWMP and implement all MCMs 1-7 in the urbanized and non-urbanized areas.

5. Provide the name and contact information of the person responsible for implementing or coordinating implementation of the SWMP.

Prefix (Mr. or Ms.): Mr.

First and Last Name: Adam Gerster, CFM

Title: Engineering Project Manager

Organization Name: City of Lucas

Phone Number: 972-912-1209

Fax Number:

Email: agerster@lucastexas.us

Mailing Address: 665 Country Club Road

City, State, and Zip Code: Lucas, Texas 75002

i) Discharge Information

1. What is the name of the waterbody(ies) receiving stormwater discharges from the MS4? White Rock Creek, Muddy Creek (0820C), Lake Lavon (0821)
2. What is the classified segment number(s) that the discharges will eventually reach? 0821, 0820

Does the small MS4 discharge directly or indirectly into the classified segment(s)?

☐ Directly

☒ Indirectly

3. Are any of the waterbody(ies) receiving discharges from the small MS4 identified as impaired waters (Category 4 or 5) in the *Texas Integrated Report of Surface Water Quality*?

☐ Yes

What is the name of the impaired waterbody(ies) receiving the discharge from the small MS4?

What is/are the pollutants(s) of concern?

☒ No

4. Does the impaired water body(ies) have a TMDL (Category 4 waterbody)?

☐ Yes

What is/are the pollutants with a TMDL?

☒ No

5. Does your MS4 discharge into any other MS4 entity's jurisdiction prior to discharge into water in the state?

☐ Yes

What is the name of the MS4 operator?

☒ No

6. Edwards Aquifer Rule

Is the discharge or potential discharge within the Recharge Zone, Contributing Zone, within the Contributing Zone within the Transition Zone, or zero to ten (0 to 10) miles upstream of the Recharge Zone of the Edwards Aquifer?

☐ Yes - **NOTE: A copy of the agency approved Water Pollution Abatement Plan (WPAP) required by the Edwards Aquifer Rule (30 TAC Chapter 213) must be either included or referenced in the SWMP.**

☒ No

j) Public Participation Process

1. Provide the name and contact information of the person responsible for publishing notice of the executive director's preliminary determination on the MS4's NOI and SWMP?

Prefix (Mr. or Ms.): Mr.

First and Last Name: Adam Gerster, CFM

Title: Engineering Project Manager

Company: City of Lucas

Phone Number: 972-912-1209

Fax Number:

Email: agerster@lucastexas.us

Mailing Address: 665 Country Club Road

Internal Routing (Mail Code, Etc.):

City, State, and Zip Code: Lucas, Texas 75002

2. Provide the name and location of the public place where copies of the NOI, SWMP, Small MS4 General Permit TXR040000, and general permit fact sheet may be viewed and copied by the public?

Name of Public Place: Lucas City Hall

Address of Public Place: 665 Country Club Road Lucas, Texas 75002

County of Public Place: Collin County

3. Provide the address for the website where the MS4's SWMP and annual report will be posted. <https://www.lucastexas.us/>

☐ Do not have a website.

## Section 6. CERTIFICATION

I certify that I have obtained a copy and understand the terms and conditions of the Phase II (Small) MS4 General Permit TXR040000 issued January 24, 2019.

☒ Yes

I certify that the small MS4 qualifies for coverage under the Phase II (Small) MS4 General Permit TXR040000.

☒ Yes

I understand that a Notice of Termination (NOT) must be submitted when this authorization is no longer needed.

☒ Yes

I understand that authorizations active on September 1<sup>st</sup> of each year will be assessed an Annual Water Quality Fee.

☒ Yes

### Operator Certification

Operator Signatory Name: Joni Clarke

Operator Signatory Title: City Manager

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 gather and evaluate 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 there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I further certify that I am authorized under 30 Texas Administrative Code §305.44 to sign and submit this document, and can provide documentation in proof of such authorization upon request.

Signature (use blue ink): \_\_\_\_\_ Date: \_\_\_\_\_

# STORMWATER MANAGEMENT PROGRAM (SWMP) COVER SHEET

This cover sheet MUST be attached to the front of the SWMP.

## Operator

Operator name: Adam Gerster, CFM

## Required Program Elements

The SWMP needs to include:

- BMPs and measurable goals that are clear, specific, and measurable,
- Annual Reporting Year selected, and
- Estimated population served by the MS4.

## Legal Authorities

Include in the SWMP the list of local legal authorities (i.e., ordinance, rule) that the MS4 has adopted to implement any of the MCMs. List all and what MCM they each cover.

## Minimum Control Measures

For each MCM, complete the table by entering the page number where the required element can be found in the SWMP

### MCM 1: Public Education, Outreach, and Involvement

Table 1: Required Elements for MCM 1

MCM 1 Required Elements	SWMP page number
SWMP includes a stormwater education and outreach program to educate public employees, business, and the general public about hazards associated with the illegal discharges and improper disposal of waste and about the impacts stormwater can have on water quality, and steps they can take to reduce pollutants in stormwater	Apps-A
Clearly define the goals and objectives of the program based on high-priority community-wide issues	Apps-A
Identify the target audiences	Apps-A
Develop or use appropriate educational material	Apps-A
Procedures to distribute educational material	Apps-A
Make the educational material available to the target audience at least annually	Apps-A

<b>MCM 1 Required Elements</b>	<b>SWMP page number</b>
Post the SWMP and annual reports on the MS4's website, if the MS4 has a website	Apps-A
Include the MS4's website address where the SWMP and annual reports will be found, if the MS4 has a website	Apps-A
SWMP includes a program that complies with state and local public notice requirements	Apps-A
Include public input in the implementation of the program	Apps-A
Include opportunities for citizen to participate in implementation of control measures	Apps-A
Ensure the public can easily can find information about the SWMP.	Apps-A
SWMP lists Best Management Practices (BMPs) used to fulfill this MCM. Examples of possible BMPs could be stream-clean-ups, storm drain stenciling, volunteer water quality monitoring, brochures, billboards, and websites.	Apps-A
SWMP includes measurable goals that are clear, specific, and measurable, and the method of measurement, for addressing stormwater quality	Apps-A
SWMP has been fully implemented, or includes a schedule of implementation not to exceed five (5) years from the general permit issuance date of January 24, 2019	Apps-A

## **MCM 2: Illicit Discharge Detection and Elimination**

Table 2: Required Elements for MCM 2

<b>MCM 2 Required Elements</b>	<b>SWMP page number</b>
Description of the program that will be used to detect, investigate and eliminate illicit discharges. The program includes a plan to detect and address illicit discharges, including illegal dumping to the MS4 system.	Apps-A
MS4 map: The map includes: <ul style="list-style-type: none"> <li>• Location of all small MS4 outfalls operated by the MS4 and that discharge into waters of the U.S.;</li> <li>• Location and name of all surface waters receiving discharge from the MS4s outfalls;</li> <li>• For Level 3 and 4 small MS4s: Location of MS4 owned or operated facilities and stormwater controls; and</li> <li>• For Level 4 small MS4s: Location of priority areas.</li> </ul>	Apps-A
Methods for informing and training MS4 field staff	Apps-A
Procedures for tracing the source of an illicit discharge	Apps-A

<b>MCM 2 Required Elements</b>	<b>SWMP page number</b>
Procedures for removing the source of the illicit discharge	Apps-A
Procedures to facilitate public reporting of illicit discharges or water quality impacts associated with discharges into or from the small MS4	Apps-A
Procedures for responding to illicit discharges and spills	Apps-A
Procedures for inspections in response to complaints	Apps-A
<b>For Level 2, 3, and 4 small MS4:</b> Procedures to prevent and correct leaking on-site sewage disposal systems	NA
<b>For Level 3 and 4 small MS4s:</b> Procedures for follow-up investigation to verify that the illicit discharge has been eliminated	NA
<b>For Level 4 small MS4s:</b> Procedures for identifying and creating a list of priority areas within the small MS4s likely to have illicit discharges	NA
<b>For Level 4 small MS4s:</b> Procedures for a dry weather field screening program to assist in detecting and eliminating illicit discharges to the small MS4. Dry weather field screening consists of (1) field observations and (2) field screening.	NA
<b>For Level 4 small MS4s:</b> Procedures to reduce the discharge of floatables in the small MS4	NA
SWMP lists BMPs used to fulfill this MCM. Examples of possible BMPs could be hazardous materials disposal opportunities, inspections of the storm sewer system, and dye testing.	Apps-A
SWMP includes measurable goals that are clear, specific, and measurable, and the method of measurement, for addressing stormwater quality	Apps-A
SWMP has been fully implemented, or includes a schedule of implementation not to exceed five (5) years from the general permit issuance date of January 24, 2019	Apps-A

### **MCM 3: Construction Site Stormwater Runoff Control**

Table 3: Required Elements for MCM 3

<b>MCM 3 Required Elements</b>	<b>SWMP page number</b>
Program requires operators of construction sites one acre and greater (including larger common plan) to select, install, implement, and maintain stormwater control measures	Apps-A
Description of ordinance or other regulatory mechanism to require erosion and sediment controls, as well as sanctions to ensure compliance, to the extent allowable under state and local law	Pg. 19

MCM 3 Required Elements	SWMP page number
Program requires construction site operators to implement BMPs for erosion and sediment control	Apps-A
Program requires construction site operators to have procedures for initiating and completing soil stabilization measures	Apps-A
Program requires construction site operators to implement BMPs to control pollutants from equipment and vehicle washing and other wash waters	Apps-A
Program requires construction site operators to implement BMPs to minimize exposure to stormwater of building materials, building products, construction wastes, trash, landscape materials, fertilizers, pesticides, herbicides, detergents, sanitary waste, and other materials	Apps-A
Program requires construction site operators to implement BMPs to minimize the discharge of pollutants from spills and leaks.	Apps-A
Program ensures that the construction site has developed a stormwater pollution prevention plan in accordance with the TPDES Construction General Permit TXR150000	Apps-A
Program prohibits illicit discharges such as wash out wastewater, fuels, oils, soaps, solvents, and dewatering activities	Apps-A
Procedures for construction site plan review to consider water quality impacts	Apps-A
Procedures for construction site inspections and enforcement of control measures, to the extent allowable under state and local law	Apps-A
Procedures for receipt and consideration of information submitted by the public	Apps-A
Procedures for MS4 staff training	Apps-A
<b>For Level 3, and 4 small MS4s:</b> Procedures to develop and maintain an inventory of all permitted active public and private construction sites greater than one acre (and sites that are less than one acre if part of larger common plan of development or sale)	NA
SWMP lists BMPs used to fulfill this MCM. Examples may include: notification to discharger of responsibilities under TPDES CGP; hire staff to review construction site plans; provide a web page for public input on construction activities; perform site inspections and enforcement; provide education and training for construction site operators; and mechanism to prohibit discharges into MS4 where necessary.	Apps-A
SWMP includes measurable goals that are clear, specific, and measurable, and the method of measurement, for addressing stormwater quality	Apps-A

<b>MCM 3 Required Elements</b>	<b>SWMP page number</b>
SWMP has been fully implemented, or includes a schedule of implementation not to exceed five (5) years from the general permit issuance date of January 24, 2019	Apps-A

#### **MCM 4: Post Construction Stormwater Management in New Development and Redevelopment**

Table 4: Required Elements for MCM 4

<b>MCM 4 Required Elements</b>	<b>SWMP page number</b>
Description of a program that will be developed, implemented and enforced, to control stormwater discharges from private and public new development and redeveloped sites that discharge into the small MS4 that disturb one acre or more (and sites that disturb less than one acre that are part of a larger common plan of development or sale)	Apps-A
Description of ordinance or other regulatory mechanism that is in place or planned which will regulate discharges from new development and redevelopment projects	Pg. 19
Establish, implement, and enforce a requirement that owners or operators of new development and redeveloped sites design, install, implement, and maintain a combination of structural and non-structural BMPs appropriate for the community and that protects water quality	Apps-A
Procedures to document and maintain records of enforcement actions	Apps-A
Procedures to ensure long-term operation and maintenance of post construction stormwater control measures	Apps-A
Operation and maintenance of post construction stormwater control measures is documented	Apps-A
<b>For Level 4 small MS4s:</b> Develop and implement an inspection program to ensure that all post construction stormwater control measures are operating correctly and are being maintained. Inspections must be documented	NA
SWMP lists BMPs used to fulfill this MCM. Examples may include: local ordinance in place or planned; guidance document for developers to use; specific BMPs established for particular watersheds; list of appropriate BMPs provided to operators; elimination of curbs and gutters; incentives for use of permeable choices, such as porous pavement; requirements for wet ponds or other BMPs for certain size sites; and xeriscaping.	Apps-A
SWMP includes measurable goals that are clear, specific, and measurable, and the method of measurement, for addressing stormwater quality	Apps-A



MCM 4 Required Elements	SWMP page number
SWMP has been fully implemented, or includes a schedule of implementation not to exceed five (5) years from the general permit issuance date of January 24, 2019	Apps-A

### **MCM 5: Pollution Prevention and Good Housekeeping for Municipal Operations**

Table 5: Required Elements for MCM 5

MCM 5 Required Elements	SWMP page number
Description of an operation and maintenance (O&M) program, including an employee training component, to reduce/prevent pollution from municipal activities and municipally owned areas included but not limited to park and open space maintenance; street, road, or highway maintenance; fleet and building maintenance; stormwater system maintenance; new construction and land disturbances; municipal parking lots; vehicle and equipment maintenance and storage yards; waste transfer stations; and salt/sand storage locations	Apps-A
Develop and maintain an inventory of facilities and stormwater controls that are owned or operated by the MS4	Apps-A
Procedures to inform or train staff involved in implementing pollution prevention and good housekeeping practices. Maintain training attendance records	Apps-A
Procedures to remove and properly dispose of waste from the MS4	Apps-A
Contractors hired by the MS4 must be required to comply with operating procedures. Develop contractor oversight procedures	Apps-A
Evaluate O&M activities for their potential to discharge pollutants in stormwater for road and parking lot maintenance, bridge maintenance, cold weather operations, right-of-way maintenance, etc.	Apps-A
Identify pollutants of concern that could be discharged from the O&M activities	Apps-A
Develop and implement pollution prevention measures that will reduce discharge of pollutants from O&M activities	Apps-A
Conduct inspections of pollution prevention measures and maintain inspection log	Apps-A
Procedures for inspecting and maintaining structural controls	Apps-A
<b>For Level 3 and 4 small MS4s:</b> Develop and implement an O&M program to reduce the collection of pollutants in catch basins and other surface structures in the storm sewer system	NA

MCM 5 Required Elements	SWMP page number
<b>For Level 3 and 4 small MS4s:</b> Develop a list of potential problem areas in the storm sewer system for increased inspection (for example, areas with recurring illegal dumping)	NA
<b>For Level 3 and 4 small MS4s:</b> Implement an O&M program to reduce discharge of pollutants from roads that includes at least a street sweeping and cleaning program, or inlet protection. The program includes an implementation schedule and a waste disposal procedure	NA
<b>For Level 3 and 4 small MS4s:</b> Assess its facilities for their potential to discharge pollutants into stormwater and identify high priority facilities that have a high potential to generate stormwater pollutants. At a minimum, facilities include the MS4s maintenance yards, hazardous waste facilities, fuel storage locations, and any other facilities at which chemicals or other materials have a high potential to be discharged in stormwater. Document the results of the assessments	NA
<b>For Level 3 and 4 small MS4s:</b> Develop facility specific stormwater management Standard Operation Procedures for high priority facilities	NA
<b>For Level 3 and 4 small MS4s:</b> MS4 implements stormwater controls at high priority facilities that address good housekeeping; de-icing and anti-icing storage; fueling operations and vehicle maintenance; equipment and vehicle washing	NA
<b>For Level 3 and 4 small MS4s:</b> Develop and implement an inspection program that includes high priority facilities	NA
<b>For Level 4 small MS4s:</b> Develop an application and management program for pesticides, herbicides, and fertilizers used at public open spaces. Implement the following: educational activities, permits, etc for applicators and distributors; encourage of non-chemical solutions for pest management; develop schedules that minimizes discharge of pollutants; ensure collection and proper disposal of unused pesticides, herbicides, and fertilizers	NA
<b>For Level 4 small MS4s:</b> Evaluate flood control projects. Design, construct, and maintain new flood control structures to provide erosion prevention and pollutant removal from stormwater. Retrofitting of existing structural flood control devices is implemented to the maximum extent practicable (MEP)	NA
SWMP lists BMPs used to fulfill this MCM. Examples may include: BMPs which address fleet vehicle maintenance/washing; BMPs which address parking lot and street cleaning; catch basin and storm drain system cleaning; landscaping and lawn care (e.g. xeriscaping); waste materials management; road salt application and storage practices; used oil recycling; pest management practices; fire training facilities; BMPs which address roadway and bridge maintenance; golf course maintenance/waste	Apps-A

<b>MCM 5 Required Elements</b>	<b>SWMP page number</b>
disposal; disposal of cigarette butts; and park maintenance (e.g., providing trash bags).	
SWMP includes measurable goals that are clear, specific, and measurable, and the method of measurement, for addressing stormwater quality	Apps-A
SWMP has been fully implemented, or includes a schedule of implementation not to exceed five (5) years from the general permit issuance date of January 24, 2019	Apps-A

#### **MCM 6: Industrial Stormwater Sources**

Table 6: Required Elements for MCM 6

<b>MCM 6 Required Elements</b>	<b>SWMP page number</b>
<b>For Level 4 MS4 only:</b> Identify and control industrial stormwater sources that at least includes the MS4's landfills; other treatment, storage, or disposal facilities for municipal waste; hazardous waste treatment, storage, disposal and recovery facilities; and facilities that are subject to Emergency Planning and Community Right-to-Know Act (EPCRA).	NA
<b>For Level 4 MS4 only:</b> Procedures for inspecting and implementing control measures for discharges from industrial stormwater sources.	NA

#### **Optional MCM 7: Municipal Construction Activities**

This MCM is only applicable where the small MS4 has selected to be the construction site operator for their municipal construction activities. This MCM provides an alternative to the MS4 operator seeking discharge authorization under the Construction Stormwater General Permit TXR150000.

Table 7: Required Elements for MCM 7

<b>MCM 7 Required Elements</b>	<b>SWMP page number</b>
Description of how municipal construction activities will be conducted so as to take into consideration local conditions of weather, soils, and other site specific considerations	NA
Description of the area that this MCM will address and where the MS4 operator's municipal construction activities are covered (e.g. within the boundary of the urbanized area, the corporate boundary, a special district boundary, an extra territorial jurisdiction, or other similar jurisdictional boundary)	NA

MCM 7 Required Elements	SWMP page number
If the area included in this MCM includes areas outside of the UA, then all MCMs (MCM 1 through MCM 7) will be implemented over those additional areas as well	NA
Description of how contractor activities will be supervised or overseen to ensure that the Stormwater Pollution Prevention Plan (SWP3) requirements are properly implemented at the construction site(s); or how the MS4 operator will make certain that contractors have a separate authorization for stormwater discharges if needed	NA
General description of how a construction SWP3 will be developed for each municipal construction site	NA
Records of municipal construction activities authorized under this optional MCM	NA

# Texas Commission on Environmental Quality General Permit Payment Submittal Form

Use this form to submit your Application Fee only if you are mailing your payment.

- Complete items 1 through 5 below.
- Staple your check in the space provided at the bottom of this document.
- Do not mail this form with your NOI form.
- Do not mail this form to the same address as your NOI.

## Mail this form and your check to:

### *BY REGULAR U.S. MAIL*

Texas Commission on Environmental  
Quality  
Financial Administration Division  
Cashier's Office, MC-214  
P.O. Box 13088  
Austin, TX 78711-3088

### *BY OVERNIGHT/EXPRESS MAIL*

Texas Commission on Environmental  
Quality  
Financial Administration Division  
Cashier's Office, MC-214  
12100 Park 35 Circle  
Austin, TX 78753

Fee Code: GPA

General Permit: TXR040000

1. Check / Money Order No:
2. Amount of Check/Money Order:
3. Date of Check or Money Order:
4. Name on Check or Money Order:
5. NOI INFORMATION

If the check is for more than one NOI, list each Project/Site (RE) Name and Physical Address exactly as provided on the NOI. DO NOT SUBMIT A COPY OF THE NOI WITH THIS FORM AS IT COULD CAUSE DUPLICATE PERMIT ENTRIES.

If more space is needed, you may attach a list.

Project/Site (RE) Name: City of Lucas MS4

Project/Site (RE) Physical Address: 665 Country Club Road Lucas, TX 75002-7651

Staple Check in This Space

**Appendix C**  
**Annual Report**  
**Year-1 (2019)**

**Appendix D**  
**Annual Report**  
**Year-2 (2020)**

**Appendix E**  
**Annual Report**  
**Year-3 (2021)**



**Appendix F**  
**Annual Report**  
**Year-4 (2022)**

**Appendix G**  
**Annual Report**  
**Year-5 (2023)**

**Appendix H**

**Stormwater Permit Authorizations  
For City-Owned Facilities**



## **STORM WATER MANAGEMENT PROGRAM**

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**BIRKHOFF, HENDRICKS & CARTER, L.L.P.**  
**PROFESSIONAL ENGINEERS**  
**DALLAS, TEXAS**  
*TBPE Firm No. 526*

**JULY 2019**