

# City of Cedar Hill Stormwater Management Program



In compliance with the requirements of the  
Texas Pollutant Discharge Elimination System (TPDES) General Permit TXR04000

*Permittee Authorization No. TXR040280*

*Permit Term: January 24, 2019 – January 24, 2024*

## Contents

I. INTRODUCTION.....	2
A. Permit Background .....	2
B. Permit Requirements .....	3
II. PROGRAM RATIONALE.....	4
A. City of Cedar Hill Background.....	4
B. Municipal Setting and Responsibility of Implementation.....	4
C. Allowable Non-Stormwater Discharges.....	5
D. Waterbodies Receiving Discharges from the City of Cedar Hill .....	6
E. Annual Reporting and Tracking .....	6
F. Recordkeeping .....	7
III. MINIMUM CONTROL MEASURES (MCMs) .....	7
A. MCM 1 – Public Education, Outreach, and Involvement .....	7
B. MCM 2 – Illicit Discharge Detection and Elimination (IDDE) .....	9
C. MCM 3 – Construction Site Stormwater Runoff Control.....	11
D. MCM 4 – Post-Construction Stormwater Management in New Development & Redevelopment.....	12
E. MCM 5 – Pollution Prevention and Good Housekeeping for Municipal Operations .....	13
IV. IMPLEMENTATION SCHEDULE.....	16
APPENDIX A: NOTICE OF INTENT (NOI).....	21
APPENDIX B: TCEQ MS4 GENERAL PERMIT TXR04000.....	22
APPENDIX C: ANNUAL REPORT TEMPLATE.....	23

## I. INTRODUCTION

The City of Cedar Hill is subject to the requirements of the Texas Commission on Environmental Quality (TCEQ) Texas Pollutant Discharge Elimination System (TPDES) General Permit No. TXR040000. The renewal of the stormwater permit requires the City of Cedar Hill to review and assess their existing Stormwater Management Program (SWMP) and develop a new program implementing best management practices which comply with the permit requirements. A copy of the TCEQ MS4 General Permit TXR0470000 can be found in Appendix B.

The program documents the best management practices chosen by the City of Cedar Hill to address community-wide stormwater quality issues, including target audiences and a schedule for implementation over the five-year permit term. The intent of the program is to identify and implement City-wide measures to reduce the discharge of pollutants into the Municipal Separate Storm Sewer System (MS4) which includes streets, storm drain systems, roadside ditches, streams, rivers and other water bodies.

### A. Permit Background

Under the Clean Water Act of 1972 (CWA), the National Pollutant Discharge Elimination System (NPDES) was established to protect the waters of the United States. The US Environmental Protection Agency (EPA) was appointed to govern the rules on how the program will be implemented. The NPDES program then established the MS4 program in two phases. Phase I, promulgated in 1990, required the municipalities serving a population of 1000,000 or more to acquire the NPDES permit by submitting a Stormwater Management Program (SWMP) that addresses how the municipality would reduce pollutant discharges, protect water quality, and satisfy the water quality of the CWA. In 1998, the EPA and the Texas Commission on Environmental Quality (TCEQ) signed an agreement for the EPA to transfer the regulatory authority over to the TCEQ as the law applies in the State of Texas. Thus, the NPDES became the Texas Pollutant Discharge Elimination System (TPDES) under TCEQ's authority. Based on the Stormwater Phase II Final Rule issued by the EPA in 1999, the TCEQ then wrote and issued the General Permit TXR04000, generally called the MS4 general permit, for other small municipalities serving a population of less than 100,000 and being part of urbanized areas, as listed by the US Census Bureau. The MS3 permit identified seven minimum control measures, which must be addressed by the permit holders in their SWMP. Each term of the MS4 permit lasts for five years. The current TCEQ permit is now in its third term with an effective date of January 24, 2019.

The permit categorizes MS4 permittees into four levels based on the population served within the 2010 urbanized areas. The MS4 area may change during the permit term if the permittee acquires or gives up regulated area, such as annexing of land or if land is annexed away. However, the level will not change based on population fluctuation. The anticipated 2020 US Census will take place during this permit term. Nevertheless, it will not affect the permittee's level until the permit renews for its fourth term in 2024. The levels are defined by the TCEQ as follows:

- a. Level 1: Traditional MS4s with a population less than 10,000
- b. Level 2: Traditional MS4s with a population between 10,000 and 39,999. Level 2 also includes non-traditional MS4s like universities or prison systems.
- c. Level 3: Traditional MS4s with a population between 40,000 and 99,999.
- d. Level 4: Traditional MS4s with a population over 100,000

## B. Permit Requirements

The permit establishes seven minimum control measures (MCM) to reduce the discharge of pollutants to the maximum extent practicable. MS4 permittees are required to address all the following MCMs in their SWMP:

MCM 1 – Public Education, Outreach, and Involvement

MCM 2 – Illicit Discharge Detection and Elimination (IDDE)

MCM 3 – Construction Site Stormwater Runoff Control

MCM 4 – Post-Construction Stormwater Management in New Development and Redevelopment

MCM 5 – Pollution Prevention and Good Housekeeping for Municipal Operations

MCM 6 – Industrial Stormwater Sources (Only applicable to Level 4 MS4s)

Upon receiving a preliminary decision from the Executive Director of the TCEQ, permittees must provide public involvement in the process of adopting the new SWMP by publishing a public notice and offering a public comment period. After the new SWMP is approved by the TCEQ, permittees must annually review the SWMP and submit an annual report on the previous year's activities to the TCEQ.

### *Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements*

A water body is considered impaired for purposes of the permit if it has been identified on the latest TCEQ and EPA approved Clean Water Act (CWA) 303(d) list or within the Texas Integrated Report of Surface Water Quality for CWA Sections 305(b) and 303(d), which lists the category 4 and 5 water bodies. These lists identify water bodies that do not meet the Texas Surface Water Quality Standards (SWQS). Discharges of any pollutant(s) of concern to

impaired water bodies for which there is a TCEQ and EPA approved TMDL are not eligible under this permit unless they are consistent with the approved TMDL.

Permittees are required to annually check if any stream segments or water bodies that the MS4 discharges into have been added to the EPA approved Texas Integrated Report of Surface Water Quality Sections 305(b) and 303(d). The newly listed segment or water bodies must be included in the annual report and addressed for potential sources of pollutants from the MS4 within two years of the new 305(b) and 303(d) lists' approval date.

At the time of this plan's creation, the most current EPA approved list is the 2014 Texas 303(d) list, which was approved on November 19, 2015. The TCEQ has adopted the Draft 2016 Texas 303(d) list on October 17, 2018 but has not been approved by the EPA.

*Endangered Species Statement*

The following endangered aquatic or aquatic dependent species were identified in the receiving waterbodies of the MS4 as listed below:

Species	Waterbody
Tern Least <i>Sterna antillarum</i>	Upper Trinity River Segment 0805 in Dallas County

II. PROGRAM RATIONALE

A. City of Cedar Hill Background

The City of Cedar Hill is located at the southwest corner of Dallas County, with a small area located in northwest Ellis County. The City of Cedar Hill is in the Dallas – Fort Worth – Arlington urbanized area. With a 2010 Census population of 45,028, the City of Cedar Hill must meet all requirements of a Level 3 MS4. Level 3 MS4s are required to address the requirements of MCM 1 through MCM 5, as well as other requirements in addition to the general requirements for all permittees.

B. Municipal Setting and Responsibility of Implementation

The City of Cedar Hill runs a Council-Manager form of government. Each member of the Council, including the Mayor, is elected at large meaning that there are no council districts in the City of Cedar Hill, but rather that each member represents the whole city.

The Mayor is recognized as head of the City Government for all ceremonial purposes and by the Governor for purposes of military law but shall have no administrative duties. The person elected Mayor presides over all City Council meetings. Each council member has an equal vote on all action taken by the Council. There are seven positions (6 council members and 1 mayor) to ensure that every issue that is taken before Council is granted a decision; there are no tie votes.

As designated by the city charter, the City Manager is appointed by the Mayor and City Council serving as the chief administrative officer for the city organization. The City Manager manages the day-to-day operations of the various city departments and staff, directing delivery of services and executing all city policies and ordinances. In addition, the City Manager and his or her staff guide all goals and strategies of the city operations including future city development and expansion of services.

C. Allowable Non-Stormwater Discharges

The following non-stormwater discharges may be discharged from the City of Cedar Hill and are not required to be addressed in the Illicit Discharge Detection and Elimination or other minimum control measure, unless they are determined by the City of Cedar Hill or TCEQ to be significant contributors of pollutants:

1. Uncontaminated waterline flushing and other occasional discharges from potable water sources;
2. Occasional uncontaminated discharges from landscape irrigation or lawn watering;
3. Occasional discharge from the non-commercial washing of vehicles;
4. Uncontaminated discharges from foundation, footing or crawl space drain, sump pumps and air conditioning condensation drains, rising ground water and springs;
5. Diverted stream flows and natural riparian habitat or wetland flows;
6. Discharges or flows from firefighting activities (fire fight activities do not include washing of trucks, run-off water from training activities, test water from fire suppression systems, and similar activities);
7. Occasional discharge from non-commercial dechlorinated swimming pools;

8. Occasional discharge from pavement and exterior building wash water conducted without the use of detergents or other chemicals;
9. Other allowable non-stormwater discharges listed in 40 CFR 122.26(d)(2)(iv)(B)(1);
10. Non-stormwater discharges that are specifically listed in the TPDES Multi-Sector General Permit (MSGP) or the TPDES Construction General Permit (CGP);
11. Other similar occasional incidental non-stormwater discharges, unless the TCEQ develops permits or regulations addressing these discharges.

D. **Waterbodies Receiving Discharges from the City of Cedar Hill**

The City of Cedar Hill pledges not to knowingly or intentionally discharge to surface waters of the State in a manner that would contribute to a violation of water quality standards or that would fail to protect and maintain existing uses as part of this permit. The City is aware that discharges contributing to a violation of water quality standards are not covered by this general permit. Should the City find itself in a position where discharges of this nature occur, the City is aware that the executive director may require an application for an individual permit.

E. **Annual Reporting and Tracking**

The City shall submit an annual report on the previous year's activities to the TCEQ within 90 days of the end of each reporting year. The City of Cedar Hill has chosen the reporting period to be the fiscal year. Reporting Year 1 will start from the permit effective date of January 24, 2019 to September 30, 2019; each subsequent reporting year shall be from October 1 of the current year to September 30 of the following year. Reporting Year 5 will start from September 1, 2022 to the permit term's end date of January 24, 2024.

The annual report shall be submitted to the TCEQ office address as follows:

Texas Commission on Environmental Quality  
Stormwater Team; MC-148  
PO Box 13087  
Austin, TX 78711-3087

A copy of the report shall be submitted to the TCEQ Region 4 office address as follows:

TCEQ Region 4 (Dallas/Fort Worth)

2309 Gravel Dr  
Fort Worth, TX 76118-6951

The City shall keep a copy of the annual report in house and post the report on the City's official website. The electronic version of the SWMP will be posted within 30 days of the approval date and the annual reports within 30 days of the submittal date.

The TCEQ's annual report template can be found in Appendix C.

#### F. Recordkeeping

The City shall retain all records including a copy of this TPDES general permit, and records of all data used to complete the application (NOI) for this general permit and satisfy the public participation requirements, for a period of at least three years, or for the remainder of the term of this general permit, whichever is longer. The documents shall be retained at:

City of Cedar Hill Public Works  
285 Uptown Blvd #100  
Cedar Hill, TX 75104

The City will post the approved SWMP and annual reports on the following website:

<http://www.cedarhilltx.com/Stormwater>

The City of Cedar Hill's NOI can be found in Appendix A.

### III. MINIMUM CONTROL MEASURES (MCMs)

Under each MCM heading, there is a list of the proposed BMPs that were selected to meet the permit requirements and the water quality protection goals and objectives of the City of Cedar Hill. The selection provides an overview of the BMPs which represent the City's continued efforts to comply with the permit to reduce stormwater pollution.

#### A. MCM 1 – Public Education, Outreach, and Involvement

##### 1. TCEQ Permit Requirements

Refer to the MS4 General Permit, Part III.B.1 (Appendix B, pages 35-36) for the Public Education, Outreach, and Involvement requirements.

##### 2. Goals and Objectives

The City of Cedar Hill has identified the following problems to be community



wide issues:

- a. Littering around commercial facilities
- b. Erosion control and construction wastes from development sites

3. Best Management Practices

The City of Cedar Hill has selected the following BMPs to fulfill the requirements of the Public Education, Outreach, and Involvement MCM. Refer to Section IV of this document for the implementation schedule which includes measurable goals, target audiences, and responsible departments.

1.01. *General Education on Stormwater*

The City will continue use of a brochure related to stormwater at public events and made available on the stormwater website. The contents of the brochure shall be reviewed annually.

1.02. *Stormwater Website and other Internet-based Outreach*

The City will continue to update the existing website and include information about the SWMP. The City will post 1 stormwater protection related article on the City's stormwater website annually. The City will post 1 general stormwater protection post for the City's social media outlet annually.

1.03. *Stormwater Education at Public Events*

The City assists, plans, and/or hosts 2 annual events such as but not limited to Country Day on the Hill and the Neighborhood Block Party. At these events, City staff set up booths and hand out information to attendees, discussing stormwater pollution issues. Public events are great opportunities to reach residents, businesses and visitors to the City.

1.04. *Public Presentations*

The City provides free public presentations promoting stormwater pollution prevention information. The presentations keep the public aware of potential stormwater pollution issues. The City will conduct at least 1 public presentation annually.

1.05. *NCTCOG Stormwater Task Force*

The City participates in the North Central Texas Council of Governments (NCTCOG) to exchange professional experience, share public education resources, and develop opportunities for regional cooperation. The City will attend at least 1 stormwater

related task force meeting held by the NCTCOG annually.

1.06. *Library Display*

The City's public library has a display to educate the public about different topics monthly. The display provides an opportunity for the City to educate the public about stormwater pollution issues. The City will install 1 stormwater protection related public display at the library annually.

1.07. *Storm Drain Inlet Markers*

Storm drain inlet markers are placed at all new storm drain inlets to discourage the public from improper release, dispose and/or dump foreign hazardous material in the storm drain system. The City will install or inspect at least 50 storm drain inlet markers annually.

1.08. *Adopt Cedar Hill Program*

The City coordinates street, trail, and park adoption from the community to promote neighborhood litter cleanups. The City helps supply but does not take part in the organization of the cleanups. The City will have at least 1 adoption of public right of way, trail, park, or preserve annually.

1.09. *Development Review Committee (DRC) and other Construction Meetings*

City staff are made available typically every Wednesday to answer questions and review policies regarding development within the City, as well as City expectations and regulations for construction and post-construction. City staff will provide information on stormwater regulations and requirements for the purpose of providing guidance to builders and developers attending the meetings. DRC meetings are not held if no projects are on the DRC agenda and on City observed Holidays. The City will conduct and attend 6 DRC meetings or construction meetings annually.

B. *MCM 2 – Illicit Discharge Detection and Elimination (IDDE)*

1. *TCEQ Permit Requirements*

Refer to the MS4 General Permit, Part III.B.2 (Appendix B, pages 36-40) for the Illicit Discharge and Elimination requirements.

2. *Best Management Practices*

The City of Cedar Hill has selected the following BMPs to fulfill the requirements of the IDDE MCM. Refer to Section IV of this document for the implementation schedule which includes measurable goals, target

audiences, and responsible departments.

*2.01. Stormwater Management Ordinance*

City staff will review the existing ordinance to determine if any changes are necessary with regards to the updated permit at least 1 time per year annually. The existing ordinance contains a list of allowable non-stormwater discharges, a list of specific prohibited discharges and acts adversely affecting water quality, as well as requirements for notification of release and cleanup.

*2.02. Storm Sewer System Map*

The City will maintain and update the 1 storm sewer system map on the City's stormwater website annually.

*2.03. Household Hazardous Waste Collection*

The City provides free household hazardous waste collection through the Waste Management At-Your-Door special collection program. Residents may also drop off HHW at the Fort Worth Environmental Collection Center and the Mansfield Environmental Collection Center. The City will service at least 50 residents annually.

*2.04. Public Reporting Regarding Illicit Discharge and Spills*

The City will continue to administer the Public Works emergency number and online complaint system. The City will implement procedures to respond to public complaints regarding illicit discharges and spills. Investigations shall be conducted in a reasonable amount of time, based on the information collected. The City will investigate 100% of illicit discharge and spill complaints.

*2.05. Illicit Discharge Elimination Program*

The City uses the Field Investigation Guide (FIG) developed by the NCTCOG as a guide to illicit discharge investigations and inspections. Once the discharge has been confirmed as illicit, and the source identified, the City will take the appropriate steps necessary to eliminate the discharge, including follow-up inspections. The City will investigate 100% of potential illicit discharges and spills from dry weather outfall screenings. The City will perform dry weather outfall screenings on at least 60 City outfalls annually.

*2.06. Staff IDDE Training*

The City uses the IDDE Training Video developed by the NCTCOG to train relevant staff with the potential to spot possible illicit discharges. The training includes what to do when a suspected discharge has been identified. The City will conduct 1 IDDE training annually.

2.07. *On-Site Sewage Facilities (OSSF) Program*

The OSSF Program reviews and inspects all new septic system installations and assists failing septic system remediations. The City has licensed Designated Representative staff to administer the program. The City will create 1 OSSF map annually. The City will inspect 100% of new OSSF installations.

2.08. *Liquid Waste Transportation and Disposal Program*

The liquid waste transportation and disposal program requires all liquid waste transporters to apply for a permit to operate within City limits. As part of the application process, the vehicles proposed to be used are inspected by City staff to verify operational suitability. The City will permit 100% of liquid waste haulers operating within Cedar Hill jurisdiction annually.

C. **MCM 3 – Construction Site Stormwater Runoff Control**

1. TCEQ Permit Requirements

Refer to the MS4 General Permit, Part III.B.3 (Appendix B, pages 40-43) for the Construction Site Stormwater Runoff Control requirements.

2. Best Management Practices

The City of Cedar Hill has selected the following BMPs to fulfill the requirements of the Construction Site Stormwater Runoff Control MCM. Refer to Section IV of this document for the implementation schedule which includes measurable goals, target audiences, and responsible departments.

3.01. *Erosion and Sediment Control Plan Review and Approval*

The City requires that NOIs, SWPPPs, erosion and sediment control plan sheets and details, construction phasing tables, and NOTs be submitted and reviewed prior to the commencement of construction. This allows for the proper phasing of construction and the proper erosion and sediment control devices to be utilized and in place before land is distributed. The City will review all erosion and sediment control plans 1 time annually.

3.02. *Erosion and Sediment Control Inspections*

The City will continue to perform inspections regulated to construction sites. Construction site erosion and sediment control devices and stabilization techniques are reviewed and inspected during plan review, during construction, and after construction has ceased. The City will conduct erosion and sediment inspections

monthly.

3.03. *Public Reporting Regarding Construction Runoff*

The City will continue to administer the Public Works emergency number and online complaint system. The City will implement procedures to respond to public complaints regarding construction sites. Investigations shall be conducted in a reasonable amount of time, based on the information collected. The City will investigate 100% of construction runoff complaints.

3.04. *Construction Inspector Training Program*

The City uses the Construction Stormwater Awareness Training Video developed by the NCTCOG to train relevant staff with the potential to spot possible poor stormwater management at construction sites. The City will conduct 1 construction inspector training annually.

D. *MCM 4 – Post-Construction Stormwater Management in New Development & Redevelopment*

1. *TCEQ Permit Requirements*

Refer to the MS4 General Permit, Part III.B.4 (Appendix B, pages 43-44) for the Post-Construction Stormwater Management in New Development and Redevelopment requirements.

2. *Best Management Practices*

The City of Cedar Hill has selected the following BMPs to fulfill the requirements of the Post-Construction Stormwater Management in New Development and Redevelopment MCM. Refer to Section IV of this document for the implementation schedule which includes measurable goals, target audiences, and responsible departments.

4.01. *Final Walk-through Inspections*

As new developments request final acceptance for public improvements and close-out of their project, the final inspection includes checking for final stabilization and the removal of non-permanent BMPs. These final inspections are a detailed, on-site review of the work that has been performed in order to ensure compliance with City standards prior to acceptance. The City will complete 100% of final walk-through inspections.

4.02. *Retention & Detention Pond Maintenance Inspections*

The City will continue the retention and detention pond maintenance inspections program. Inspection outcomes shall be documented. The City inspect 100% of retention and detention pond

annually.

4.03. *Engineered Design & Planning Review*

The City will continue to review developments for compliance with the City's Manual for General Design Standards for Pavement, Drainage Systems and Water & Sanitary Sewer Systems which includes post-construction BMP 1 time per year.

4.04 *Tree Preservation Ordinance*

City staff will review the existing ordinance to determine if any changes are necessary with regards to the updated permit 1 time per year. The Tree Preservation Ordinance protects and discourages the removal of existing trees and preserve natural habitat for new development and construction.

4.05 *Subdivision Ordinance*

City staff will review the existing ordinance to determine if any changes are necessary with regards to the updated permit 1 time per year. The Subdivision Ordinance sets rules for building setbacks, parking lot island requirements, landscape buffers, and parkland dedication for residential developments.

4.06. *Flood Damage Prevention Ordinance*

City staff will review the existing ordinance to determine if any changes are necessary with regards to the updated permit 1 time per year. The Flood Damage Prevention Ordinance restricts development within floodplain areas, which positively affects the water quality within major waterways.

E. *MCM 5 – Pollution Prevention and Good Housekeeping for Municipal Operations*

1. *TCEQ Permit Requirements*

Refer to the MS4 General Permit, Part III.B.5 (Appendix B, pages 44-50) for the Pollution Prevention and Good Housekeeping for Municipal Operations requirements.

2. *Best Management Practices*

The City of Cedar Hill has selected the following BMPs to fulfill the requirements of the Pollution Prevention and Good Housekeeping for Municipal Operations MCM. Refer to Section IV of this document for the implementation schedule which includes measurable goals, target audiences, and responsible departments.

- 5.01. *Inventory and Map of City-Owned Facilities*  
The City will maintain and update, as necessary, the existing GIS map of City-owned and operated facilities and stormwater controls. The City will inspect 100% of City-owned facilities and stormwater controls annually. The City will create 1 map of City-owned facilities annually.
- 5.02. *Pollution Prevention Training for Municipal Operations and Maintenance (O&M) Staff*  
The City uses a series of training modules and videos directed at pollution prevention for municipal activities, which was developed by the Pollution Prevention Task Force (NCTCOG), as training materials for City staff. Other materials developed by the City or other sources may supplement the modules and videos. The City will conduct 1 pollution prevention training annually.
- 5.03. *Contractor Requirements and Oversight*  
The City will review the existing language contained in standard contracts to require compliance with good housekeeping practices or other control measures to ensure that municipal contractors are not contributing pollutants to the MS4 1 time per year. The City will enforce 100% of contractors to comply with contractor requirements with the City's SWMP.
- 5.04. *Pollution Prevention Practices for Municipal O&M Activities*  
The City will review the existing SOPs, good housekeeping practices or other stormwater control measures to prevent or reduce stormwater pollution from municipal O&M activities. The City will train the staff whose job duties are related to conducting municipal O&M activities to ensure that they are aware of the City's existing SOPs. The City will review 100% of SOPs annually.
- 5.05. *Structural Control Maintenance*  
The City will perform maintenance on proprietary structural control measures as recommended by the manufacturer. For other non-proprietary control measures, the City will develop an inspection and maintenance program to ensure continued function. The City will perform maintenance on 100% proprietary structural control measures as recommended by the manufacturer. The City will implement the inspection and maintenance program for 100% of non-proprietary measures.
- 5.06. *Street Sweeping and Catch Basin Cleaning*  
The City will perform periodic street sweeping of major thoroughfares and residential streets to reduce pollutants entering the storm sewer

system. Additionally, blocked catch basins can build up leaves, store water and present other conditions favorable to bacteria growth and development. As the City becomes aware of a blocked catch basin, it will be cleaned in a timely manner. The City will conduct at least 1 street sweeping event annually.

*5.07 High Priority Facility Program*

The City will conduct 1 detailed assessment and inspection program for the high priority facilities annually. Assessment and inspection reports will be retained on site. The report will show the results and any recommendation for reducing the potential for stormwater pollution.

*5.08 Service Center Inspections*

The City will continue inspections at the Service Center. The results of the inspections and observations shall be documented. The City will conduct 12 Service Center inspections annually.



IV. IMPLEMENTATION SCHEDULE

No.	Best Management Practice	Responsible Department	Target Audience	Measurable Goal	Goal Completed By				
					Year 1	Year 2	Year 3	Year 4	Year 5
					Jan 2019 – Sept 2019	Oct 2019 – Sept 2020	Oct 2020 – Sept 2021	Oct 2021 – Sept 2022	Sept 2022 – Jan 2024
<b>MCM 1 – PUBLIC EDUCATION, OUTREACH AND INVOLVEMENT</b>									
1.01	General Education on Stormwater	Public Works, Communications	Residents, Visitors	A. Create 1 stormwater brochure annually. B. Inspect at least 1 times per year (annually) that the stormwater brochure is publicly available at the Cedar Hill Government Center and Library.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
1.02	Stormwater Website and other Internet-based Outreach	Public Works, Communications	Residents, Visitors, Businesses	A. Publish at least 1 stormwater protection related article on the City's stormwater website annually. B. Publish 1 general stormwater protection related post for the City's social media outlet annually.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
1.03	Stormwater Education at Public Events	Public Works, Communications	Residents, Visitors	A. Attend at least 2 public events annually to promote stormwater protection.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
1.04	Public Presentations	Public Works, Communications	Residents, Businesses, City Staff	A. Conduct at least 1 public presentation annually on stormwater protection.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
1.05	NCTCOG Stormwater Public Education Task Force	Public Works	City Staff	A. Attend at least 1 the Stormwater Task Force meetings held by the North Central Texas Council of Governments (NCTCOG) annually. Document initiatives developed by the Task Force and selected for implementation by the City.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
1.06	Library Display	Public Works, Library, Communications	Residents, Visitors	A. Install 1 stormwater protection related public display at the library annually.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
1.07	Storm Drain Inlet Markers	Public Works, Communications	Residents, Volunteers, Contractors, Developers	A. Install or inspect 50 storm drain inlet markers annually.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
1.08	Adopt Cedar Hill Program	Public Works, Communications	Residents, Volunteers, Businesses	A. Adopt at least 1 public right of way, trail, park, or preserve annually.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
1.09	Development Review Committee (DRC) and other Construction Meetings	Public Works, Various Other Departments	Contractors, Developers, Property Owners	A. Attend at least 6 DRC meetings or construction meetings annually.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24

No.	Best Management Practice	Responsible Department	Target Audience	Measurable Goal	Goal Completed By				
					Year 1	Year 2	Year 3	Year 4	Year 5
					Jan 2019 – Sept 2019	Oct 2019 – Sept 2020	Oct 2020 – Sept 2021	Oct 2021 – Sept 2022	Sept 2022 – Jan 2024
<b>MCM 2 – ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDDE)</b>									
2.01	Stormwater Management Ordinance	Public Works		A. Review the contents of the Stormwater Management Ordinance at least 1 time per year annually.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
2.02	Storm Sewer System Map	Public Works		A. Post 1 Storm Sewer System Map on the City's stormwater website annually.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
2.03	Household Hazardous Waste Collection	Public Works, Communications		A. Service at least 50 residents annually.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
2.04	Public Reporting Regarding Illicit Discharge and Spills	Public Works		A. Investigate 100% of illicit discharge and spill complaints.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
2.05	Illicit Discharge Elimination Program	Public Works		A. Investigate 100% of potential illicit discharges and spills from dry weather outfall screenings.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
				B. Perform dry weather outfall screenings on 60 City outfalls annually.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
2.06	Staff IDDE Training	Public Works		A. Conduct 1 IDDE training annually.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
2.07	On-Site Sewage Facilities (OSSF) Program	Public Works		A. Create 1 OSSF map annually.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
				B. Inspect 100% of new OSSF installations.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
2.08	Liquid Waste Transportation and Disposal Program	Public Works		A. Permit 100% of liquid waste haulers operating within Cedar Hill jurisdiction annually.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24

No.	Best Management Practice	Responsible Department	Target Audience	Measurable Goal	Goal Completed By				
					Year 1	Year 2	Year 3	Year 4	Year 5
					Jan 2019 – Sept 2019	Oct 2019 – Sept 2020	Oct 2020 – Sept 2021	Oct 2021 – Sept 2022	Sept 2022 – Jan 2024
<b>MCM 3 – CONSTRUCTION SITE STORMWATER RUNOFF CONTROL</b>									
3.01	Erosion and Sediment Control Plan Review and Approval	Public Works		A. Review erosion and sediment control plans 1 time annually.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
3.02	Erosion and Sediment Control Inspections	Public Works		A. Conduct erosion and sediment inspections monthly.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
3.03	Public Reporting Regarding Construction Runoff	Public Works		A. Investigate 100% of construction runoff complaints.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
3.04	Construction Inspector Training Program	Public Works		A. Conduct 1 construction inspector training annually.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24

No.	Best Management Practice	Responsible Department	Target Audience	Measurable Goal	Goal Completed By				
					Year 1	Year 2	Year 3	Year 4	Year 5
					Jan 2019 – Sept 2019	Oct 2019 – Sept 2020	Oct 2020 – Sept 2021	Oct 2021 – Sept 2022	Sept 2022 – Jan 2024
<b>MCM 4 – POST-CONSTRUCTION STORMWATER MANAGEMENT IN NEW DEVELOPMENT &amp; REDEVELOPMENT</b>									
4.01	Final Walk-Through Inspections	Public Works		A. Complete 100% of final walk-through inspections.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
4.02	Retention & Detention Inspections	Public Works		A. The City inspect 100% of retention and detention pond annually.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
4.03	Engineered Design & Planning Review	Public Works		A. Review the contents of the City's Manual for General Design Standards for Pavement, Drainage Systems and Water & Sanitary Sewer Systems 1 time per year.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
4.04	Tree Preservation Ordinance	Public Works, Planning		A. Review the contents of the Tree Preservation Ordinance 1 time per year.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
4.05	Subdivision Ordinance	Public Works, Planning		A. Review the contents of the Subdivision Ordinance 1 time per year.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
4.06	Flood Damage Prevention Ordinance	Public Works		A. Review the contents of the Flood Damage Prevention Ordinance 1 time per year.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24

No.	Best Management Practice	Responsible Department	Target Audience	Measurable Goal	Goal Completed By				
					Year 1	Year 2	Year 3	Year 4	Year 5
					Jan 2019 – Sept 2019	Oct 2019 – Sept 2020	Oct 2020 – Sept 2021	Oct 2021 – Sept 2022	Sept 2022 – Jan 2024
<b>MCM 5 – POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS</b>									
5.01	Inventory and Map of City-Owned Facilities	Public Works		A. Inspect 100% of City-owned facilities and stormwater controls annually.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
				B. Create 1 map of City-owned facilities annually.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
5.02	Pollution Prevention Training for Municipal Operations and Maintenance (O&M) Staff	Public Works, Human Resources		A. Conduct 1 pollution prevention training annually.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
5.03	Contractor Requirements and Oversight	Public Works, Parks		A. Review current contract language to ensure compliance 1 time per year.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
				B. Enforce 100% of contractors to comply with contractor requirements with the City's SWMP.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
5.04	Pollution Prevention Practices for Municipal O&M Activities	Public Works, Various Other Departments		A. The City will review 100% of SOPs annually.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
5.05	Structural Control Maintenance	Public Works		A. Perform maintenance on 100% proprietary structural control measures as recommended by the manufacturer.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
				B. Implement the inspection and maintenance program for 100% of non-proprietary measures.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
5.06	Street Sweeping and Catch Basin Cleaning	Public Works		A. Conduct at minimum 1 street sweeping event annually.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
5.07	High Priority Facility Program	Public Works, Various Other Departments		A. Complete 1 assessment of City facilities and identify high priority facilities annually. Document any corrective actions to be taken. Identify appropriate staff for pollution prevention training.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24
5.08	Service Center Inspections	Public Works		A. Conduct 12 Service Center Inspections annually.	Sept 30	Sept 30	Sept 30	Sept 30	Jan 24

## APPENDIX A: NOTICE OF INTENT (NOI)

## APPENDIX B: TCEQ MS4 GENERAL PERMIT TXR04000

## APPENDIX C: ANNUAL REPORT TEMPLATE