

City of Cedar Hill Stormwater Management Program



In compliance with the requirements of the
Texas Pollutant Discharge Elimination System (TPDES) General Permit TXR040000

Permittee Authorization No. TXR040280

Permit Term: Date of Permit Authorization – December 31, 2029

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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 TXR040000 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 TXR040000, 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 MS4 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 fourth term with an effective date of August 15, 2024.

The permit categorizes MS4 permittees into four levels based on the population served within the 2020 urban 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. There is no anticipated US Decennial Census during this permit term; the next US Census is anticipated to take place in 2030. 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 and Outreach
- MCM 2 – Public Involvement and Participation
- MCM 3 – Illicit Discharge Detection and Elimination (IDDE)
- MCM 4 – Construction Site Stormwater Runoff Control
- MCM 5 – Post-Construction Stormwater Management in New Development and Redevelopment
- MCM 6 – Pollution Prevention and Good Housekeeping for Municipal Operations
- MCM 7 – Industrial Stormwater Sources (Only applicable to Level 4 MS4s)

Upon receiving NOI approval from the Executive Director of 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 2024 Texas 303(d) list, which was approved on November 13, 2024.

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 urban area. With a 2020 Census population of 49,749, 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 6, 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 will follow the reporting period required by the TXR040000, which is to be the calendar year. Reporting Year 1 shall begin the date permit authorization is obtained to December 31, 2025; each subsequent reporting year shall be from January 1 to December 31 of each year.

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 permit authorization 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 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 and Outreach

1. TCEQ Permit Requirements

Refer to the MS4 General Permit, Part IV.D.1 for the Public Education, Outreach, and Involvement requirements.

2. Target Audiences and target pollutants

The City of Cedar Hill has selected the following target audiences to address: residents, businesses, schools and other educational and youth services, Institutions or formal organizations, Homeowner/Neighborhood associations, and visitors/tourists.

The City of Cedar Hill has selected to target, but is not limited to, the following specific pollutants: Litter, illegal disposal, grass clippings, vehicle fluids. Section IV of this document will indicate specific pollutants for each target audience under each BMP.

3. Best Management Practices

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

1.01. *Stormwater Website*

The City will continue to update the existing website and include information about the SWMP. The City will inspect the website for current and accurate information and working links at least 1 time annually. The website will target residents, visitors, and businesses.

1.02. *Social Media Posts*

The City has a Facebook page to keep the general public informed. The City will post at least 1 time per quarter on the Facebook page on ways to minimize or avoid adverse stormwater impacts or practices to improve the quality of stormwater runoff. The messages will be seasonally appropriate. The social media posts will target residents and neighborhood associations.

1.03. *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 75 storm drain inlet markers annually. The storm drain markers will target residents, visitors, schools, institutions, and neighborhood associations.

1.04. *Publish Articles in Local Newsletter*

The City publishes a monthly newsletter to keep residents informed. The City will publish a minimum of two articles per year on ways to minimize or avoid adverse stormwater impacts or practices to improve the quality of stormwater runoff. The messages will be seasonally appropriate. The newsletter will target residents and neighborhood associations.

1.05. *Permanent Stormwater Related Signage*

The City has Adopt Cedar Hill signs installed throughout. The signs have stormwater related language to encourage anti-litter behavior. The City will inspect at least 10 Adopt Cedar Hill signs annually to review condition and provide maintenance. The signage will target residents, visitors, schools, institutions, and visitors.

B. **MCM 2 – Public Involvement and Participation**

1. **TCEQ Permit Requirements**

Refer to the MS4 General Permit, Part IV.D.2 for the Public Education, Outreach, and Involvement requirements.

2. **Best Management Practices**

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

2.01. *Cleanup Events*

The City plans and hosts citywide cleanup events called Clean Cedar Hill. The City will host at least 2 Clean Cedar Hill events annually.

2.02. *Habitat improvement; tree planting; Invasive vegetation removal; stream restoration*

The City is committed to nature and green space and has made a commitment to preserve these natural resources. The City will support a minimum of 2 habitat restoration, invasive vegetation removal, tree planting, or stream restoration events per year.

2.03. *Stormwater Speaker Series*

The City conducts environmental education presentations with environmental speakers. The City will host at least 2 stormwater-related education presentations, annually.

2.04. *Display Booth*

The City sets up an environmental and stormwater display booth at either the government center, recreation center, public library, or other City-owned facility. The display provides stormwater education and is staffed by environmental personnel to answer questions. The City also hosts public events allowing departments to set up booths for the public. The City will provide at least 1 stormwater protection related public display or booth annually.

2.05. *Adopt Cedar Hill Program*

The City coordinates street, trail, and park adoption from the community to promote neighborhood litter cleanups. The City supports, by providing supplies, 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.

C. MCM 3 – Illicit Discharge Detection and Elimination (IDDE)

1. TCEQ Permit Requirements

Refer to the MS4 General Permit, Part IV.D.3 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 Illicit Discharge Detection and Elimination MCM. Refer to Section IV of this document for the implementation schedule which includes measurable goals and responsible departments.

3.01. Storm Sewer System Map

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

3.02. Public Reporting Regarding Illicit Discharge and Spills

The City will continue to administer the online public reporting and complaint system. The City will inspect the public reporting mechanism for functionality at least 1 time per year. The City will publicize the reporting mechanism at least 2 times per year.

3.03. Complaint Response

The City will investigate 100% of illicit discharge and spill complaints. The City will conduct follow-up investigations on 100% of cases where necessary.

3.04. 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.

3.05. Source Investigation and Elimination

The City will respond to 100% of known illicit discharges and illegal dumping incidents. The City will respond to 100% of high priority discharges, such as sanitary sewer discharges, within 24 hours. The City will notify the TCEQ regional office for 100% of known illicit

discharges and illegal dumping incidents where the City does not have jurisdiction. The City will notify the TCEQ immediately for 100% of illicit flows believed to be an immediate threat to human health or the environment

3.06. *Corrective Actions to IDDE*

The City will notify 100% of responsible parties of illicit discharges or illegal dumping where a source has been determined within 24 hours with the necessary corrective actions to eliminate the illicit discharge.

3.07. *Investigations Post Discharge Elimination*

The City will conduct 100% of follow-up investigations or field screenings following the elimination of confirmed illicit discharges. The City will complete the follow-up investigations or field screenings within 5 business days, on average following the elimination of confirmed illicit discharges.

3.08. *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, either virtually or in-person, annually.

3.09. *IDDE Inspection Procedures*

The City uses the Field Investigation Guide (FIG) developed by the NCTCOG as a guide to illicit discharge investigations and inspections. The City will review the IDDE inspection procedures at least 1 time per year and will update internal Standard Operating Procedures, as necessary.

3.10. *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. The City will investigate 100% of OSSF complaints.

3.11. *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.

D. MCM 4 – 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 and responsible departments.

4.01. 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.

4.02. Site Plan/ 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 etc. 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 has standard operating procedures for site plan/erosion control plan review for construction. The City will review the site plan/erosion control plan review procedure at least 1 time per year. The City will review and document 100% of submitted site plan/ erosion and sediment control plans annually.

4.03. Erosion and Sediment Control Procedures and 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 review the existing inspection procedures one time annually and update as necessary to comply with TPDES CGP, TXR150000. The City will conduct erosion and sediment inspections

monthly on all active construction sites. The City will conduct follow-up inspections in 100% of cases of violations.

4.04. Active Construction Site List

The City will develop and maintain a list of all active construction sites. This list will be reviewed monthly and updated as construction sites are added and removed.

4.05. Public Submittal for Construction

The City will continue to administer the Environmental hotline and email for construction submittals. The City will review the public submittal procedure at least 1 time per year. The City will inspect the environmental hotline and email at least 1 time per year for functionality.

4.06. 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, either virtually or in-person.

E. MCM 5 – Post-Construction Stormwater Management in New Development and Redevelopment

1. TCEQ Permit Requirements

Refer to the MS4 General Permit, Part IV.D.5 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 and responsible departments.

5.01. 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.

5.02. 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, maintenance of developments, and parkland dedication for residential developments.

5.03. 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.

5.04. Engineered Design and 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 and Sanitary Sewer Systems which includes post-construction BMP, annually.

5.05. Document Retention

The City maintains records of enforcement actions through investigations. The City will maintain records of 100% of enforceable actions taken each year.

5.06. 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.

5.07. Retention and 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.

F. MCM 6 - Pollution Prevention and Good Housekeeping for Municipal Operations

1. TCEQ Permit Requirements

Refer to the MS4 General Permit, Part IV.D.6 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 and responsible departments.

6.01. *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.

6.02. *Pollution Prevention Training for Municipal Operations and Maintenance (OandM) 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, either virtually or in-person.

6.03. *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 one time per year. The City will enforce 100% of contractors to comply with contractor requirements with the City's SWMP.

6.04. *Pollution Prevention Practices for Municipal OandM Activities*

The City will review the existing SOPs, good housekeeping practices or other stormwater control measures to prevent or reduce stormwater pollution from municipal OandM activities. The City will train the staff whose job duties are related to conducting municipal OandM activities to ensure that they are aware of the City's existing

SOPs. The City will review 100% of OandM SOPs annually. The City will inspect 100% of waste manifests generated by the Service Center annually.

6.05. Structural Control Maintenance

The City will perform maintenance on City-owned 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% City-owned proprietary structural control measures as recommended by the manufacturer. The City will implement the inspection and maintenance program for 100% of City-owned non-proprietary measures.

6.06. Pollutant Identification

The City has a HAZCOM program to inspect and document chemical storage at city facilities to maximize pollution prevention. The City will perform HAZCOM inspections on 100% of city facilities. The City will review the list of pollutants from each facility such as metals, chlorides, hydrocarbons, and trash at least 1 time per year. The City will review HAZCOM inspection procedures one time, annually, and update as needed.

6.07. Deicing Pollution Prevention

The City stores deicing compounds at the Service Center. The City will track 100% of applications of deicing compounds and records the amount of compound used for each application annually. The City will inspect de-icing storage, during all Service Center Inspections as indicated in BMP 6.10, to ensure 100% of materials are stored in a way to prevent runoff and discharge.

6.08. OandM to Reduce Discharge of Pollutants from Roads

The City will perform periodic street sweeping of major thoroughfares and residential streets to reduce pollutants entering the storm sewer system. The City will conduct at least 1 street sweeping event, annually, where technically feasible. The City provides trash receptacles in various public areas, such as parks and event areas where sweeping is infeasible, that are regularly maintained. The City will review and evaluate SOP for Parks Maintenance one time annually and update as needed.

6.09. High Priority Facility Program

The City will conduct 1 detailed assessment and inspection of all City owned facilities, once per permit term to assess their potential to

discharge pollutants. Facilities will be identified as LOW priority or HIGH priority. Facilities that are determined to be HIGH priority will be inspected one time annually after the initial assessment. The HIGH priority list will be updated annually, as needed when new facilities are added or there is a change in operation at an existing facility. Assessment and inspection reports shall be documented, retained on site, and made available for review by TCEQ in a timely manner. The report will show the results and any recommendation for reducing the potential for stormwater pollution.

6.10. 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. The City will ensure 100% of materials with a potential to contribute to pollution (fertilizers, cleaners, etc.) are being stored to prevent stormwater exposure.

6.11. Facility Specific Procedures

The City shall develop and implement facility-specific SOPs to address stormwater management. For each facility determined to be HIGH priority, the SOP shall identify BMPs to install, implement, and maintain, as necessary, to minimize the discharge of pollutants. For each facility that conducts vehicle washing, the SOP, shall address activities and maintenance of equipment, such as wash bay maintenance. For each facility that conducts fueling or other vehicle maintenance, the SOP shall address spill prevention and control. SOPs shall be reviewed one time annually and updated as necessary.

6.12. Storm Sewer System OandM

To reduce the collection of pollutants in surface drainage structures, the City will implement OandM of the storm sewer system. The City will continue to inspect 100% of city-owned and operated detention and retention basins annually, as conducted through BMP 5.07. The City shall maintain a contract, with a 3rd party contractor, to provide Household Hazardous Waste collection and disposal services to city residents. The contract shall provide a minimum of 3 collections events per year to residents. The City will review and maintain 100% of HHW reports provided by the 3rd party contractor, annually.

6.13. Storm Sewer System OandM Problem Areas

The City shall develop and maintain a list of areas where illegal dumping occurs. The City shall will be review and update the list annually.

IV. IMPLEMENTATION SCHEDULE
A. MCM 1 – Public Education and Outreach

No.	Best Management Practice	Responsible Department	Target Audience	Pollutant	Measurable Goal	Goal Completed By				
						Year 1	Year 2	Year 3	Year 4	Year 5
						Permit Auth. – Dec 2025	Jan 2026 – Dec 2026	Jan 2027 – Dec 2027	Jan 2028 – Dec 2028	Jan 2029 – Dec 2029
1.01	Stormwater Website and other Internet-based Outreach	Public Works, Communications	Residents, Visitors, Businesses	Grass clippings and leaf litter, Illegal dumping and disposal, Fertilizers and pesticides, Vehicle fluids, Vehicle washing	A. Inspect annually to ensure webpage has current and accurate information and working links.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
1.02	Social Media Posts	Public Works, Communications	Residents, Neighborhood associations	Illegal dumping and disposal; Vehicle washing	A. Post quarterly on the City's Facebook page on ways to minimize or avoid adverse stormwater impacts or practices to improve the quality of stormwater runoff. The messages will be seasonally appropriate.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
1.03	Storm Drain Inlet Markers	Public Works	Residents, Visitors, Schools, Institutions Neighborhood Associations	Illegal dumping and disposal	A. Install or inspect at least 75 storm drain inlet markers annually.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
1.04	Publish articles in local newsletter	Public Works, Communications	Residents, Neighborhood associations	Illegal dumping and disposal; Vehicle washing	A. Publish a minimum of 2 articles per year in the City's "Highlights" newsletter on ways to minimize or avoid adverse stormwater impacts or practices to improve the quality of stormwater runoff. The messages will be seasonally appropriate.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
1.05	Permanent Stormwater Related Signage	Public Works	Residents, Visitors Businesses, Institutions, Schools, Neighborhood Associations	Litter	A. Inspect at least 10 Adopt Cedar Hill signs annually.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31

B. MCM 2 – Public Involvement and Participation

No.	Best Management Practice	Responsible Department	Measurable Goal	Goal Completed By				
				Year 1	Year 2	Year 3	Year 4	Year 5
				Permit Auth. – Dec 2025	Jan 2026 – Dec 2026	Jan 2027 – Dec 2027	Jan 2028 – Dec 2028	Jan 2029 – Dec 2029
2.01	Cleanup Events	Public Works	A. Host 2 Clean Cedar Hill events annually.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
2.02	Habitat Improvement; Tree planting; Invasive vegetation removal	Parks, Public Works	A. Support a minimum of 2 habitat restoration, tree planting, invasive plant removal, or stream restoration events per year	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
2.03	Stormwater Speaker Series	Public Works	A. Conduct at least 2 stormwater related education presentations annually.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
2.04	Display Booth	Public Works	A. Install 1 stormwater protection related public display annually at a City-owned facility.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
2.05	Adopt Cedar Hill Program	Public Works, Communications	A. Adopt at least 1 public right-of-way, trail, park, or preserve annually	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31

C. MCM 3 – Illicit Discharge Detection and Elimination (IDDE)

No.	Best Management Practice	Responsible Department	Measurable Goal	Goal Completed By				
				Year 1	Year 2	Year 3	Year 4	Year 5
				Permit Auth. – Dec 2025	Jan 2026 – Dec 2026	Jan 2027 – Dec 2027	Jan 2028 – Dec 2028	Jan 2029 – Dec 2029
3.01	Storm Sewer System Map	Public Works	A. Maintain 1 Storm Sewer System Map on the City's stormwater website, to be updated annually, as necessary.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
3.02	Public Reporting Regarding Illicit Discharges and Spills	Public Works	A. Inspect 1 time per year that the public reporting mechanism is functioning. B. Publicize the reporting mechanism at least 2 times per year.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
3.03	Complaint Response	Public Works	A. Investigate 100% of discharges and spill complaints. B. Conduct follow-up investigations on 100% of cases where necessary.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
3.04	Illicit Discharge Elimination Program	Public Works	A. Investigate 100% of potential illicit discharges and spills from dry weather outfall screenings. B. Perform dry weather outfall screenings on at least 60 City outfalls annually.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
3.05	Source Investigation and Elimination	Public Works	A. Respond to 100% of known illicit discharges and illegal dumping incidents. B. Respond to 100% of high priority discharges each year, such as sanitary sewer discharges within 24 hours. C. The City notifies the TCEQ regional office for 100% of known illicit discharges and illegal dumping incidents where the City does not have jurisdiction. D. Notify the TCEQ immediately of 100% of illicit flows believed to be an immediate threat to human health or the environment.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
3.06	Corrective Actions to IDDE	Public Works	A. Notify 100% of responsible parties of illicit discharges or illegal dumping where a source has been determined within 24 hours with the necessary corrective actions to eliminate the illicit discharge.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
3.07	Investigations Post Discharge Elimination	Public Works	A. Conduct 100% of follow-up investigations or field screenings following the elimination of confirmed illicit discharges. B. Complete follow-up investigations or field screenings within 5 business days, on average following the elimination of confirmed illicit discharges.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
3.08	Staff IDDE Training	Public Works	A. Conduct 1 IDDE training annually. Training may be held virtually or in-person.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
3.09	IDDE Inspection Procedures	Public Works	A. Review the IDDE inspection procedures at least 1 time per year.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
3.10	On-Site Sewage Facilities (OSSF) Program	Public Works	A. Create 1 OSSF map annually. B. Inspect 100% of new OSSF installations. C. The City will investigate 100% of OSSF complaints	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
3.11	Liquid Waste Transportation and Disposal Program	Public Works	A. Permit 100% of liquid waste haulers operating within Cedar Hill jurisdiction annually.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31

D. MCM 4 – Construction Site Stormwater Runoff Control

No.	Best Management Practice	Responsible Department	Measurable Goal	Goal Completed By				
				Year 1	Year 2	Year 3	Year 4	Year 5
				Permit Auth. – Dec 2025	Jan 2026 – Dec 2026	Jan 2027 – Dec 2027	Jan 2028 – Dec 2028	Jan 2029 – Dec 2029
4.01	Stormwater Management Ordinance	Public Works	A. Review the contents of the Stormwater Management Ordinance at least 1 time per year.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
4.02	Site Plan/ Erosion Control Plan Review Procedures for Construction	Public Works	A. Review the site plan review procedure at least 1 time per year. B. Implement site plan review procedure for 100% of new construction site plans/ erosion control plans received each year.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
4.03	Erosion and Sediment Control Inspections	Public Works	A. Review the existing inspection procedures one time annually, and update as necessary to comply with TPDES CGP, TXR150000. B. Conduct erosion and sediment inspections monthly of active construction sites. C. Conduct follow-up inspections in 100% of cases of violations.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
4.04	Active Construction Site List	Public Works	A. Maintain a list of all active construction sites monthly. List will be updated periodically as active sites are added and removed.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
4.05	Public Submittal for Construction	Public Works	A. Review the public submittal procedure at least 1 time per year. B. Inspect the environmental hotline and email at least 1 time per year to ensure functionality.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
4.06	Construction Inspector Training Program	Public Works	A. Conduct 1 construction inspector training annually. Training may be held virtually or in-person.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31

E. Post-Construction Stormwater Management in New Development and Redevelopment

No.	Best Management Practice	Responsible Department	Measurable Goal	Goal Completed By				
				Year 1	Year 2	Year 3	Year 4	Year 5
				Permit Auth. – Dec 2025	Jan 2026 – Dec 2026	Jan 2027 – Dec 2027	Jan 2028 – Dec 2028	Jan 2029 – Dec 2029
5.01	Tree Preservation Ordinance	Public Works, Planning	A. Review the contents of the Tree Preservation Ordinance 1 time per year.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
5.02	Subdivision Ordinance	Public Works, Planning	A. Review the contents of the Subdivision Ordinance 1 time per year.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
5.03	Flood Damage Prevention Ordinance	Public Works	A. Review the contents of the Flood Damage Prevention Ordinance 1 time per year.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
5.04	Engineered Design and Planning Review	Public Works	A. Review the contents of the City's Manual for General Design Standards 1 time per year.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
5.05	Document Retention	Public Works	A. Maintain records of 100% of enforceable actions taken each year.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
5.06	Final Walk-Through Inspections	Public Works	A. Complete 100% of final walk-through inspections.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
5.07	Retention and Detention Inspections	Public Works	A. The City inspect 100% of retention and detention pond annually.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31

F. Pollution Prevention and Good Housekeeping for Municipal Operations

No.	Best Management Practice	Responsible Department	Measurable Goal	Goal Completed By				
				Year 1	Year 2	Year 3	Year 4	Year 5
				Permit Auth. – Dec 2025	Jan 2026 – Dec 2026	Jan 2027 – Dec 2027	Jan 2028 – Dec 2028	Jan 2029 – Dec 2029
6.01	Inventory and Map of City-Owned Facilities	Public Works	A. Inspect 100% of City-owned facilities and stormwater controls, annually.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
			B. Create 1 map of City-owned facilities, annually.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
6.02	Pollution Prevention Training for Municipal Operations and Maintenance (OandM) Staff	Public Works, Human Resources	A. Conduct 1 pollution prevention training, annually. Training may be held virtually or in-person.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
6.03	Contractor Requirements and Oversight	Public Works, Parks	A. Review current contract language to ensure compliance 1 time per year.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
			B. Enforce 100% of contractors to comply with contractor requirements with the City's SWMP.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
6.04	Pollution Prevention Practices for Municipal OandM Activities	Public Works, Parks	A. The City will review 100% of OandM SOPs annually.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
			B. Inspect 100% of waste manifests generated by the Service Center annually.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
6.05	Structural Control Maintenance	Public Works	A. Perform maintenance on 100% of City-owned proprietary structural control measures, as recommended by the manufacturer.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
			B. Implement the inspection and maintenance program for 100% of City-owned non-proprietary measures.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
6.06	Pollutant Identification	Public Works, Various Other Departments	A. Perform HAZCOM inspections on 100% of city facilities.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
			B. Review the list of pollutants such as metals, chlorides, and hydrocarbons, and trash at least 1 time annually.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
			C. Review HAZCOM inspection procedures one time, annually, and update as needed.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
6.07	Deicing Pollution Prevention	Public Works	A. Track 100% of application of deicing compounds and record the amount of compound used for each application annually.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
			B. Inspect the deicing chemical storage area to prevent discharge, monthly.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
6.08	OandM to Reduce Pollutant Discharge to Roads	Public Works, Parks	A. Conduct at minimum 1 street sweeping event annually, where technically feasible	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
			B. Review and evaluate Parks Maintenance SOP, annually.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
6.09	High Priority Facility Program	Public Works, Various Other Departments	A. Complete 1 assessment of City facilities to identify low priority and high priority facilities, once per permit term.		Dec. 31			
			B. High priority facilities will be inspected, annually, after the initial assessment.			Dec. 31	Dec. 31	Dec. 31
			C. High priority facility list will be maintained and updated annually, as needed.	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31

			D. Assessments, inspection reports, and any corrective actions shall be documented and maintained, annually.	Dec. 31				
6.10	Service Center Inspections	Public Works	A. Conduct 12 Service Center Inspections annually.	Dec. 31				
			B. Ensure 100% of materials with a potential to contribute to pollution are being stored to prevent stormwater exposure, annually.	Dec. 31				
6.11	Facility Specific Procedures	Public Works, Various Other Departments	A. The City shall develop and maintain SOPs to address stormwater management at City-owned facilities. SOPs shall be reviewed annually.	Dec. 31				
6.12	Storm Sewer System OandM	Public Works, Utility Billing	A. City will inspect and maintain 100% of City-owned detention and retention basins, annually	Dec. 31				
			B. City shall maintain a contract, with a 3 rd party contractor, to provide HHW collection and disposal services to residents. Contract shall ensure a minimum of 3 collection events per year.	Dec. 31				
			C. The City will review and maintain 100% of HHW reports provided by 3 rd party contractor, annually.	Dec. 31				
6.13	Storm Sewer System OandM Problem Areas	Public Works, Parks, Neighborhood Services	A. City will develop and maintain a list of illegal dumping areas. List shall be reviewed and updated annually.	Dec. 31				

APPENDIX A: NOTICE OF INTENT (NOI)

APPENDIX B: TCEQ MS4 GENERAL PERMIT TXR040000

APPENDIX C: ANNUAL REPORT TEMPLATE