



City of Wichita Falls
Storm Water Management Program (SWMP)



**TPDES PHASE II MS4 GENERAL PERMIT:
TXR040036**

CITY OF WICHITA FALLS

STORM WATER MANAGEMENT PROGRAM

The City of Wichita Falls (City) has developed specific Minimal Control Measures (MCM) that control the discharge of pollutants to its MS4 to the Maximum Extent Possible (MEP). Taken together, these specific MCMs form the City's Stormwater Management Program (SWMP). The City has developed its SWMP in accordance with requirements set forth in 40 CFR 122.26. Approval of this SWMP by TCEQ, its incorporation into the City's Texas Pollutant Discharge Elimination System (TPDES) permit to discharge storm water, and the City's compliance with the schedules and MCMs identified in the SWMP will be deemed as full compliance with Section 402 (p)(3)(B) of the Clean Water Act and Parts II.A and II.B of the TPDES permit. The specific MCMs included in the City's SWMP are addressed in this program.

ACCESSIBILITY INFORMATION

Copies of the Texas Commission on Environmental Quality Executive Director's General Permit TXR#040000 and Fact Sheet, and City Stormwater Management program can be requested in person or in writing by contacting the Environmental Coordinator:

Drew Begley
Environmental Coordinator
1300 7th Street
Wichita Falls, Texas 76301

Additionally, requests can be made by email: drew.begley@wichitafallstx.gov or by accessing the documents through the Internet by visiting the City of Wichita Falls Stormwater Management Website.

Copies of requested materials will be provided, or post marked, within 48 hours of request. The greatest effort will be made to ensure documents provided over the Internet are current, and the same as documents requested in writing.

Impaired Water Body Wichita River Segment 0214 (Bacteria)

The 2012 Texas Integrated Report – Texas 303(d) lists segment 0214 as being impaired under category 5b and 5c due to elevated bacteria concentrations. Segment 0214 is broken into five assessment units (AU). Two of the assessment units are listed as impaired, AU 2 which extends from FM 2393 to River Road Wastewater Treatment Plant and AU 5 that extends from Beaver Creek to the Diversion Dam.

The City of Wichita Falls currently practices BMPs that prevent the MS4 from being the contributor of bacteria to segment 0214.

- Quarterly biomonitoring of the River Road Wastewater Treatment Plant outfall which enters the Wichita River segment 0214 AU 2. Biomonitoring data results indicate that the River Road Wastewater Treatment Plant is not contributing bacteria to segment 0214 AU 2.
- ID-3 Sanitary Sewer Overflows - by monitoring SSO and cleaning 100 line miles per year of sanitary sewer line preventing the introduction of bacteria into segment 0214.
- ID-5 Dry Weather Screening - is conducted to help locate and prevent sources of flow which could contribute bacteria to segment 0214.
- A GIS mapping layer of all septic systems within the MS4 which could contribute bacteria to segment 0214.

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*MCM-Minimal Control Measure

LIST OF ABBREVIATIONS

BMP	Best Management Practices
CFR	Code of Federal Regulations
CAD	Computer-Aided Design
CSN	Construction Site Notice
EPA	Environmental Protection Agency
GPS	Global Positioning System
GIS	Graphical Information System
IDDE	Illicit Discharge Detection and Elimination
MEP	Maximum Extent Possible
MCM	Minimal Control Measure
MS4	Municipal Separate Storm Sewer System
NPDES	National Pollutant Discharge Elimination System
NEC	No Exposure Certification
NOC	Notice of Change
NOI	Notice of Intent
NOT	Notice of Termination
NOV	Notice of Violation
PSA	Public Service Announcement
SSO	Sanitary Sewer Overflow
SWMP	Storm Water Management Program
SWP3	Storm Water Pollution Prevention Plan
TCEQ	Texas Commission of Environmental Quality
TXDOT	Texas Department of Transportation
TPDES	Texas Pollutant Discharge Elimination System
UST	Underground Storage Tank

MCM 1 - PUBLIC EDUCATION, OUTREACH, INVOLVEMENT, AND PARTICIPATION IN

The City has included public education, outreach, and involvement activities as components of several MCMs. A brief description of these activities appears with each of the individual best management practices (BMPs). Additional information concerning these BMPs, as well as a schedule and performance measures are included in this MCM to provide a comprehensive view of the public education, outreach, and involvement program. The combined public education, outreach and involvement MCM was developed in compliance with Part III.B.1 of the TPDES permit.

MCM Components

The City developed the following list of BMPs to modify the public education, outreach, and involvement method and message on a regular basis in order to keep the MCM fresh and effective. The City will utilize five different BMPs to inform the public about the impacts that storm water runoff can have on water quality, hazards associated with illegal discharges, and the improper disposal of waste, and steps that citizens can take to reduce pollutants in storm water runoff. Details of each BMP, BMP schedules, and performance measures are described on the following BMP sheets.

- PE-1. Public Service Announcements
- PE-2. Illicit Discharges Public Reporting
- PE-3. Volunteer Opportunities
- PE-4. Recycling and Composting
- PE-5. Public Involvement and Participation

PE-1. PUBLIC SERVICE ANNOUNCEMENTS

The City will provide public service announcements (PSA) broadcast on local media that will address storm water related topics such as recycling, illicit discharges, proper pesticide and fertilizer use, and proper household chemicals disposal. The City will continue to utilize spots that are available on the City's public access cable TV Channel 11. Additional PSAs will be broadcast on the radio and in the newspaper when needed to highlight special events.

BMP Schedule

The City is currently performing all aspects of the BMP identified in this portion of the SWMP. The City will continue implementing the BMPs from the previous permit while updating and expanding outreach material during the term of the permit. The following are areas in which the City has developed an outreach program.

- The City will continue to promote the "Can the Grease, Greasy Gremlin Campaign" on the City public access TV Channel 11 and also through the Notify Me program as well as social media. The "Can the Grease, Greasy Gremlin Campaign" educates the citizens on the proper disposal of greasy waste and the effects that dumping grease and food waste down the drain can have on the environment.
- The Environmental Coordinator will continue to work with the City's Public Information Department to develop new PSA videos concerning storm water related issues for the City's public access TV Channel 11.
- The City will continue to provide information about storm water volunteer programs, composting, recycling, and other storm water issues and programs to the public by the use of its public access cable TV Channel 11, social media, the City's Storm Water Management webpage, and Notify Me emails.

Performance Measures

The following performance measures will be tracked annually by the City during the term of the permit.

- A minimum of 6 public access Channel 11 broadcasts and 2 radio/TV broadcast concerning storm water issues.
- Number of social media posts and emails sent by the Notify Me program related to storm water issues.
- Annual update of the Storm Water Management web page with educational material and brochures related to storm water.

PE-2. ILLICIT DISCHARGES PUBLIC REPORTING

The City will provide the following resources to the public concerning reporting of illicit discharges and illegal dumping.

- The City will continue to operate a 24 hour service line that citizens can use to report any storm water related issue, including suspected illicit discharges or illegal dumping. This service will be a 24 hour non-emergency number provided by the Police Department. Citizens can also call the Environmental Coordinator during normal business hours to report an illicit discharge.
- The City also has a Report-A-Concern link on its webpage. This page allows citizens to file a complaint via the internet. The link on the City's home page has a tab for Storm Water Drainage. By clicking on this link citizens can report an illicit discharge.
- The City will develop public service announcements (PSA) that will be made available on the City's public access TV Channel 11, website, and other social media outlets concerning identifying and reporting illicit discharges.
- The City will continue to develop brochures that emphasize nonpoint source pollution issues. Brochures will be printed, as needed, for distribution at civic club presentations, City offices, and public environmental events.
- The Public Works Department will continue to provide storm water education book covers to local schools. These book covers provide illustrations of illicit discharges, recycling, and other fun facts for all ages concerning storm water and environmental issues.

BMP Schedule

The City is currently performing all aspects of the identified BMP. The City will continue to implement the BMP during the term of the permit.

Performance Measures

The following performance measures will be tracked annually by the City during the term of the permit.

- The number of calls received concerning an illicit discharge, including the date, time, location, pollutant of concern, and amount of discharge if known.
- The number of illicit discharge investigations conducted.
- The number of book covers provided to local school districts, Notre Dame, Wichita Christian, City View, and Wichita Falls Independent School District.

PE-3. VOLUNTEER OPPORTUNITIES

In order for a regulatory program to be successful, the public must become involved. Based on this principle the City provides the following volunteer programs for the public to participate in litter control and storm drain marking with the goal of the public “buying in” to the storm water program.

- Stream Cleanup: The Public Works Department advertises the stream cleanup program on the webpage that allows volunteer groups to participate in stream cleanup events. This is advertised via the City’s Storm Water Management webpage.
- The Public Works Department will continue to advertise storm drain marking volunteer opportunities on the webpage. Information about storm drain marking can be found on the City’s Storm Water Management webpage.
- The Parks and Recreation Department also has volunteer opportunities on their webpage concerning trash pickups in the parks of Wichita Falls. The Parks and Recreational department offers plastic bags for each event.

BMP Schedule

The City is currently performing all aspects of the BMP identified in this portion of the SWMP. The City will continue the existing BMPs during the term of the permit. In the next permit phase, the City will implement the Adopt-A-Trail/Adopt-A-Creek program.

Performance Measures

The following performance measures will be tracked annually by the City during the term of the permit.

- Hold at a minimum 1 storm drain marking event.
- The number and locations of storm drains marked during each event include the organization, date the event took place, and the number of participants.
- Provide information to the public pertaining to volunteer programs in which the public could become involved via the Storm Water Management Webpage.
- The number of stream cleanups conducted.
- Amount of material collected during stream cleanup events or trash pickup events.

PE-4. RECYCLING AND COMPOSTING

The City will inform citizens about the recycling and composting opportunities through public education efforts. The following list describes what is currently being done within the recycling and composting BMP.

- The public education efforts concerning recycling and composting will continue to incorporate a wide variety of communication strategies, including published information, television public service announcements, presence at trade shows, site tours, and public services to distribute its message.
- The Sanitation Department is responsible for the recycling program which includes newspaper bins, glass jars and bottle bins, metal recycling, and appliance recycling. Recycling bins can be found throughout the City. Organic recycling curb side green bins are the most popular form of recycling done by the citizens of Wichita Falls. The waste from the organic recycling bins goes directly into the composting program. Information about recycling can be found on the City's webpage under Sanitation.
- The compost program will continue to be promoted throughout the year at different events using booths and also by presentations to local clubs, schools, and at local events such as the Hotter-N-Hell annual bike race.
- Compost giveaway days will continue to be advertised via local news channels, Times Record News, Notify Me, and other social media outlets. Two compost giveaways are held each year one in the fall and one in the spring.

BMP Schedule

The City is currently performing all aspects of the BMP identified in this portion of the SWMP. The City will continue the existing BMP during the term of the permit.

Performance Measures

The following performance measures will be tracked annually by the City during the term of the permit.

- The amount of material composted (tons).
- Cubic yards of compost provided to local residents, City Departments, commercial vendors, and TXDOT.
- The number of presentations and/or booths where information was given out about the recycling and composting programs.
- The number of tours given at the recycling/compost center and the group association.

PE-5. PUBLIC INVOLVEMENT AND PARTICIPATION

To meet the conditions of this portion of the SWMP the City will fulfill the requirements of the permit application renewal process which requires the submitting of public notice in local newspapers. This process complies with State, Tribal, and local public notice requirements and allows local citizens the opportunity to review the SWMP, TPDES permit, and application information, and then provide public comment(s). Additionally, the City posts its SWMP on the Storm Water Management website with a statement that encourages citizens of Wichita Falls to contact the City if they have any questions, comments, and/or concerns with Storm Water Management.

Table 1-1
MCM 1. Public Education, Outreach, Involvement, and Participation

BMP	Metrics to be Tracked Annually	Implementation Schedule
PE-1. Public Service Announcements	A minimum of 6 public access TV cable channel 11 broadcast and 2 TV/radio broadcast, aired or printed concerning storm water	Permit Year 1 – Permit Year 5
PE-2. Illicit Discharge Public Reporting	The number of calls received concerning an illicit discharge, including the date, time, location, pollutant of concern, and amount of discharge if known.	Permit Year 1 – Permit Year 5
	The number of illicit discharge investigations conducted	Permit Year 1 – Permit Year 5
	The number of book covers provided to local school districts.	Permit Year 1 – Permit Year 5
PE-3. Volunteer Opportunities	Hold a minimum 1 storm drain marking event.	Permit Year 1 – Permit Year 5
	The number and locations of storm drains marked during each event include the organization, date the event took place, and the number of participants.	Permit Year 1 – Permit Year 5
	Provide information to the public pertaining to volunteer programs in which the public could become involved via the Storm Water Management Webpage.	Permit Year 1 – Permit Year 5
	The number of stream cleanups conducted.	Permit Year 1 – Permit Year 5
	Amount of material collected during stream cleanup events or trash pickup events.	Permit Year 1 – Permit Year 5
PE-4. Recycling and Composting	Amount of material composted (tons).	Permit Year 1 – Permit Year 5
	Cubic yards of compost provided to local residents, City Departments, commercial vendors, and TXDOT.	Permit Year 1 – Permit Year 5
	The number of presentations and/or booths where information was given out about recycling and composting programs	Permit Year 1 – Permit Year 5
	The number of tours given at the recycling/composting center and the group associated	Permit Year 1 – Permit Year 5
PE- 5 Public Involvement and Participation	Public Notification of permit renewal in the Times Record News	Permit Year 1

MCM 2 - ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDDE)

The City developed the following MCM to ensure the elimination of illegal plumbing connections and discharges to the MS4. The City is already performing some of the requirements of this MCM. The illicit discharge and elimination MCM was developed in compliance with Part III.B.2 of the TPDES permit.

MCM Components

The City developed the following list of BMPs which includes current and new activities that meet regulatory requirements and will aid the City in the location and elimination of illicit discharges. Details of each BMP, implementation activities and performance measures are described in the following BMPs.

- ID-1. Illicit Discharge Prohibition
- ID-2. Elimination of Illicit Discharges
- ID-3. Sanitary Sewer Overflows
- ID-4. MS4 Map
- ID-5. Dry Weather Screening
- ID-6. NPDES and TPDES Permittee List

ID-1. ILLICIT DISCHARGE PROHIBITION

The City developed the following BMP which describes a process for prohibiting illicit discharges to the MS4. This BMP has been developed in compliance with Part III.B.2.a.1 of the City's TPDES permit.

BMP Components

The MS4 General Permit states that certain non-storm water sources may be discharged from a MS4 and are not required to be addressed in the MS4 operator's Illicit Discharge Ordinance, provided that these sources have not been determined by the operator or the TCEQ to be significant contributors of pollutants. These allowable non-storm water discharges are listed below:

Allowable Non-Storm Water Discharges

- 1) Water line flushing (excluding discharges of hyperchlorinated water, unless the water is first dechlorinated and discharges are not expected to adversely affect aquatic life);
- 2) Runoff or return flow from landscape irrigation, lawn irrigation, and other irrigation utilizing potable water, groundwater or surface water sources;
- 3) Discharges from potable water sources;
- 4) Diverted stream flows;
- 5) Rising groundwaters or springs;
- 6) Uncontaminated groundwater infiltration;
- 7) Uncontaminated pumped groundwater;
- 8) Foundation and footing drains;
- 9) Air conditioning condensation;
- 10) Water from crawl space pumps;
- 11) Individual residential vehicle washing;
- 12) Flows from wetlands and riparian habitats;
- 13) Swimming pool discharges from pools that are not open for public use;
- 14) Street washwater;
- 15) Discharges or flows from firefighting activities;
- 16) Washwater from the cleaning of new or used vehicles awaiting sale;
- 17) Other allowable non-storm water discharges listed in 40 CFR § 122.26(d)(2)(iv)(B)(1);
- 18) Non-storm water discharges that are specifically listed in the TPDES MSGP or the TPDES construction general permit; and
- 19) Other similar occasional incidental non-storm water discharges, unless the TCEQ develops permits or regulations addressing those discharges.

The City does not consider any of these non-storm water sources to be a significant contributor of pollutants to their MS4, and will therefore adopt the TCEQ's list of allowable non-storm water discharges with no further modifications.

The City has developed a Storm Water Quality Ordinance that prohibits illicit discharges and illicit connections. The ordinance prohibits any discharges to the storm water system other than the allowable discharges listed above. The ordinance also provides for enforcement actions up to and including a notice of violation, stop work orders, and fines of up to \$2,000.00 a day for violators of the ordinance.

BMP Schedule

The non-storm water discharges listed above are not currently prohibited by the City, except on a case-by-case basis when they result in the introduction of pollutants to the MS4 or are deemed to be a nuisance. In addition, there are existing ordinances that allow the City to prohibit or stop these discharges on an individual basis when they do create pollution or a nuisance. Therefore, no additional action by the City is needed.

ID-2. ELIMINATION OF ILLICIT DISCHARGE

The City developed the following BMP to help eliminate illicit discharges that have been identified. The elimination of illicit discharge BMP has been developed in compliance with Part III.B.2.C.5.a-c of the City's TPDES permit.

BMP Components

The City will follow the BMP/SO manual procedures for Illicit Discharge Investigation. Once an illicit discharge, illicit connection, or illegal dumping has been located and the responsible party identified the following steps will be taken depending on the severity of the illicit discharge or the type of material that is being discharged.

- Written Notice of Violation (7 day compliance schedule)
 - Voluntary compliance within 7 days (case closed)
 - No voluntary compliance - Get appropriate City department or paid contractor to clean up the area and issue an invoice to responsible party
-
- The City will utilize a variety of these procedures to assure that any illicit discharge, illicit connection, or illegal dumping is eliminated. The City will address illicit discharges that fail to achieve voluntary compliance in accordance with the appropriate ordinances and statutes.
 - For illicit discharges requiring TPDES permits (TXR050000, TXR150000, or any other waste water permit), the Environmental Coordinator or the Public Works Department will notify the TCEQ as appropriate.
 - The City may also suspend utility service (water service, sanitary sewer, MS4 access) to a facility or residence if it will not stop an actual or threatened discharge, which presents or may present imminent and substantial danger to the environment, health or welfare of persons, the MS4, or waters of the United States.

BMP Schedule

The City is currently investigating all reports of illicit discharges in accordance with the BMP/SO guidance manual (Illicit Discharge Investigation). The City will continue doing so during the term of the permit. The inspection form for the Industrial Pretreatment Program annual compliance inspections has been added which includes storm water inspection criteria. The inspection of industrial sites for illicit connections will begin during the term of this permit.

Performance Measure

The City will track the following performances annually during the term of the permit.

- The number of illicit discharges reported.
- The number of NOV's issued.

ID-3. SANITARY SEWER OVERFLOWS

The City has developed this BMP to limit the discharge of pollutants to the MS4 as a result of sanitary sewer overflows. This BMP has been developed in compliance with Part III.B.2.c.5 of the TPDES permit.

BMP Components

The City owns and operates a centralized sewer system that serves most of the waste water needs within the service area of the MS4. The following BMP components are proposed to control pollutants discharged through the MS4 as a result of sanitary sewer seepage.

- Citizens will be encouraged to call the City non-emergency hot line when they observe water flowing in the streets during dry weather. City staff will investigate these reports to determine if the flow contains wastewater or other pollutants. If the flow is determined to contain waste water, a repair crew will be assigned to correct the problem.
- Waste Water Collections Department will maintain records of any problems (line breaks, line blockages, lift station malfunctions, etc.) identified.
- The Waste Water Collections Department will clean sanitary sewer lines in problem areas and on a scheduled maintenance using high-water pressure cleaning equipment. If there is a reason to believe that the line has deteriorated, the line will be cleaned and a mobile camera used to conduct visual inspections. The Waste Water Collection Department has the ability to conduct routine smoke testing procedures and perform walk-a-longs at interceptor routes in search of points of storm water inflow or discharge and implement repairs as necessary.
- Waste Water Collections will replace or rehabilitate sewer components that are identified as being unreliable in accordance with priorities established by the City of Wichita Falls. The City has identified key points in the collection system used to divert a portion of peak flows from heavily loaded interceptors to interceptors having excess capacity to take the additional flows. This will assist in preventing wet weather overflows from the sanitary sewers into the MS4.
- The Waste Water Collection Department utilizes available manpower to monitor the collection system for storm water related discharges and to identify storm water inflow sources during heavy rainfall events. If a wet weather overflow is identified corrective actions are immediately instituted to terminate/mitigate the discharge.
- The Waste Water collections and the City/County Health Department will continue to work towards eliminating sanitary sewer overflows (SSOs). This will be done by conducting periodic cleaning and preventative maintenance. The City will also continue to promote the “Greasy Gremlins” regarding proper use and maintenance of grease traps to eliminate blockages. The Grease Interceptor Ordinance has also reduced the number of SSOs and will continue to be enforced.

BMP Schedule

The City is currently performing all aspects of the BMPs identified in this portion of the SWMP. The City will continue to implement the existing BMPs described during the term of the permit.

Performance Measures

The Waste Water Collections Department will track the following performances annually during the term of the permit. It is anticipated that these performance measures may increase or decrease significantly from year to year in response to changing conditions.

- Clean a minimum of 100 line miles per year.
- The number and type of sanitary sewer rehabilitation projects completed. Upgrade projects may include lift station replacements, manhole rehabilitation/replacement, or line replacement (linear feet).
- The number of SSOs.

ID-4. MS4 MAP

The City is currently creating GIS layers for storm sewer system features using CAD drawings and as-built plans. The created storm sewer system features will be updated periodically. These updates will be accomplished with as-built plans and field verification, as available. This BMP has been developed in compliance with Part III.B.2.c.1 of the City's TPDES permit.

BMP Schedule

City staff will make every effort to update storm sewer system features within 12 months from as-built plan submittals and GPS field verification as available.

Performance Measures

Field verification of as many outfalls to waters of the U.S. will be completed as time and staff positions permit. Field verification may include any of the following means: use GPS technology to obtain latitude and longitude coordinates to be converted into a GIS layer; use GPS technology to directly create GIS layer information; use aerial photography to more accurately place and locate outfalls and inlets. Changes to stream locations, or the placing of streams into underground storm sewer systems will be mapped as the information becomes available.

ID-5. DRY WEATHER FIELD SCREENING

The City has currently been conducting dry weather field screening to help identify illegal connections to the MS4 from industrial or business wastewater sources. A BMP/SO has been developed for this BMP and areas of concern have been narrowed down based on past dry weather screening events. Specific outfalls will be checked at a minimum annually along with random outfall checks. This BMP has been developed in compliance with Part III.B.2.e.2.a-c of the City's TPDES permit.

- Dry weather screening will be conducted during the year to check for flows and to help detect illicit discharges following the BMP/SO manual.
- Areas of concern will be checked at a minimum annually to determine if flow is occurring and to try and identify the source of the flow. If flow is observed, water samples will be collected for analysis.

BMP Schedule

The City is currently performing all aspects of the BMP identified in this portion of the SWMP. The City will continue the existing BMP described above during the term of the permit.

Performance Measures

The City will track the following performances annually during the term of the permit.

- The number and location of outfalls inspected.
- A list of areas of concern.
- The results of water sample analysis taken during dry weather screening.

ID-6. NPDES AND TPDES PERMITTEE LIST

The City has developed this BMP to help compile a list of dischargers that discharge directly to the MS4 that have been issued an NPDES or a TPDES permit, including industries and large construction sites. The list will include the name, location, and permit number (if known) of the discharger following the BMP/SO manual. This BMP has been developed in compliance with City's TPDES permit.

BMP Schedule

The City has completed the compilation of the list of dischargers that discharge directly to the MS4 and have been issued an NPDES/TPDES permit.

Performance Measures

The City will track the following performances annually during the term of the permit.

- List of active construction sites that discharge to the MS4.
- List of active industrial sites that discharge to the MS4.
- This list will be included in the annual report.

**Table 1-2
MCM 2. Illicit Discharge Detection and Elimination (IDDE)**

BMP	Metrics to be Tracked	Implementation Schedule
ID-1. Illicit Discharge Prohibition	Maintain list of allowable Non-Storm Water Discharges	Permit Year 1 – Permit Year 5
ID-2. Elimination of Illicit Discharge	The number of illicit discharges reported	Permit Year 1 – Permit Year 5
	The number of NOV's issued	Permit Year 1 – Permit Year 5
ID-3. Sanitary Sewer Overflows	Clean a minimum of 100 line miles per year	Permit Year 1 – Permit Year 5
	The number and type of sanitary sewer rehabilitation projects completed. Upgrade projects may include lift station replacements, manhole rehabilitation/replacement, or line replacement (linear feet).	Permit Year 1 – Permit Year 5
	The number of SSOs.	Permit Year 1 – Permit Year 5
ID-4. MS4 Map	Continue to develop layers in GIS using CAD drawings	Permit Year 1 – Permit Year 5
ID-5. Dry Weather Field Screening	The number and location of outfalls inspected.	Permit Year 1 – Permit Year 5
	A list of areas of concern.	Permit Year 1 – Permit Year 5
	The results of water sample analysis taken during dry weather screening.	Permit Year 1 – Permit Year 5
ID-6. NPDES and TPDES Permittee List	List of active construction sites that discharge to the MS4.	Permit Year 1 – Permit Year 5
	List of active industrial sites that discharge to the MS4.	Permit Year 1 – Permit Year 5
	This list will be included in the annual report.	Permit Year 1 – Permit Year 5

MCM 3 - CONSTRUCTION SITE STORM WATER RUNOFF

The City developed the following MCM to limit the discharge of pollutants from construction sites into the MS4. This MCM has been developed in compliance with Part III.B.3 of the TPDES permit.

MCM Components

Construction site runoff continues to be the most publicly visible element of the storm water program. During a short period of time, construction sites can contribute more sediment to streams than can be deposited naturally during several decades. Therefore, this MCM may generate more enforcement activity than all other storm water program control elements combined.

- CR-1. Erosion and Sedimentation Control
- CR-2. Inspections and Enforcement
- CR-4. Training, Education, and Notification for Construction Site Operators

CR-1. EROSION AND SEDIMENTATION CONTROL

The City developed the following BMP to describe the process that will be used to help the City reduce the amount of sediment and erosion from construction sites to the MEP. The BMP will limit the amount of sediment entering the MS4 by using the review process of the SWP3 before construction and making sure that the construction site BMPs have been implemented based on City Ordinances. This BMP has been developed in compliance with Part III.B.3.b.2 of the TPDES permit.

The following BMP components are proposed to control erosion and sediment discharged to the MS4 as a result of construction.

- The Utilities Storm Water Management Ordinance states that the introduction of sediment, concrete, asphalt or any other construction debris into the MS4 is considered an illicit discharge and is a violation of the City's Storm Water Quality Ordinance and will be subject to enforcement activities.
- The Storm Water Quality Ordinance requires that all construction involving disturbances of 1 acre or greater of land must comply with the Storm Water Quality Standards. A review of the SWP3 is also required for these construction sites before construction begins.
- The City's Drainage Standards include specific requirements for construction site operators concerning erosion and sedimentation controls for projects within the City. The City will continue to update the Drainage Standards as needed to provide guidance to site operators on improved methods or technology as new information becomes available to the City.
- The Engineering Department has also developed approved BMPs for construction sites which included the proper installation and implementation of the BMPs.

BMP Schedule

The City is currently performing all aspects of the BMP identified in this portion of the SWMP. The City will continue the existing programs during the term of the permit.

Performance Measure

The following performance measures will be tracked annually by the City during the term of the permit.

- The number of SWP3 reviewed.
- The number of Construction Site Notices (CSN) received.
- The number of Notice of Intents (NOI) received.

CR-2. INSPECTIONS AND ENFORCEMENT

The City developed the following BMP to describe the inspection and enforcement for construction sites. This BMP will insure that construction sites are using proper BMPs for construction sites and that pollution prevention is being practiced. This BMP will also limit the amount of sediment entering the MS4. This BMP has been developed in compliance with Part III.B.3.b.5 of the TPDES permit.

The following BMP components are proposed to regulate construction sites in relation to storm water runoff and sedimentation control.

- The Utilities Storm Water Management Ordinance provides the Public Works Department the authority to review SWP3 and associated BMPs and to require the facility operator to amend the SWP3 and/or BMPs as necessary to prevent the introduction of pollutants to the MS4.
- All construction sites within the service area of the MS4 will be subject to inspection by City staff. The Public Works Department maintains a list of construction sites that discharge directly to the MS4 and meet the requirements of the TPDES permit.
- A person commits an offense if the operator of a construction site fails to submit a copy of the Notice of Intent or CSN 10 days before anticipated construction when applicable.
- Inspections will be conducted on small construction sites (1-5 acres) a minimum of 1 time during active construction and for large construction (5 acres or greater) sites a minimum of 1 time annually.
- If an inspector observes a potential problem that might result in the discharge of pollutants to the MS4, the inspector has the following remedies available.
 - Work with the contractor to achieve voluntary compliance.
 - Issuance of a Notice of Violation (NOV).
 - Issuance of a Stop Work Order.

BMP Schedule

The City is currently or will be performing within a year all aspects of the BMP identified in this portion of the SWMP.

Performance Measure

The following performance measures will be tracked annually by the City during the term of the permit.

- Log received CSN and NOI into a database.
- Log Notice of Terminations (NOT) and Notice of Change (NOC) into a database.

- Track the location of 1 to 5 acre construction sites.
- Track the location of 5 or greater acre construction sites.
- Maintain an updated list of all active construction sites within the MS4 in the annual report.
- The number and type of enforcement actions taken.

CR-3. TRAINING, EDUCATION, AND NOTIFICATION FOR CONSTRUCTION SITE OPERATORS

The City produces written material describing the City's policies and TPDES requirements concerning storm water quality controls at construction sites. These materials are distributed to the developers and/or contractors when site plans or building permit applications are submitted. Additionally, the City of Wichita Falls makes these documents available to the public on the City's Storm Water Management webpage.

Notice has been placed on the "Building Permit Application" to notify building permits applicants of the requirements for the submittal of a Notice of Intent or Construction Site Notice to the Environmental Coordinator.

The Environmental Coordinator is a member of the City's Site plan Review Committee and reviews construction and demolition site plans submitted to the City of Wichita Falls that will disturb or have the potential to disturb 1 or more acres. The Environmental Coordinator will review the SWP3 for compliance with the TCEQ General Construction Permit (TXR150000). The Environmental Coordinator submits the review with comments which are sent back to the operator. The building permit will not be issued until the Environmental Coordinator is satisfied with the SWP3 revisions and signs off on the SWP3.

The Environmental Coordinator will provide construction site storm water runoff education to builders, contractors, and/or developers new to Wichita Falls if needed. If the Environmental Coordinator arrives onsite and determines that the builder, contractor, and/or developer are not familiar with the TCEQ General Construction Permit (TXR150000) they will be provided documentation to explain the permit and the Environmental Coordinator will answer any questions that may arise during the initial inspections.

The City has developed a program that includes guidance documents, inspections forms, and Exit Interview forms to be utilized during construction site inspections.

BMP Schedule

The City is currently performing all aspects of the BMP identified in this portion of the SWMP. The City will continue the existing BMP during the term of the permit.

Performance Measures

The following performance measures will be tracked annually by the City during the term of the permit.

- The number of NOI, NOC, and NOT submitted.
- The number of CSN received from small construction site operators seeking coverage for storm water discharges.
- The number of inspections conducted at construction sites.

Table 1-3
MCM 3. Construction Site Storm Water Runoff

BMP	Metrics to be Tracked	Implementation Schedule
CR-1. Erosion and Sedimentation Control	The number of SWP3 reviewed.	Permit Year 1 – Permit Year 5
	The number of CSN received.	Permit Year 1 – Permit Year 5
	The number of NOI received.	Permit Year 1 – Permit Year 5
CR-2. Inspections and Enforcement	Log received CSN and NOI	Permit Year 1 – Permit Year 5
	Log NOT and NOC	Permit Year 1 – Permit Year 5
	Track the location of 1 to 5 acre construction sites.	Permit Year 1 – Permit Year 5
	Track the location of 5 or greater acre construction sites.	Permit Year 1 – Permit Year 5
	Maintain an updated list of all active construction sites within the MS4 in the annual report.	Permit Year 1 – Permit Year 5
	The number and type of enforcement actions taken.	Permit Year 1 – Permit Year 5
CR-3. Training, Education, and Notification for Construction Site Operators	The number of NOI, NOC, and NOT submitted.	Permit Year 1 – Permit Year 5
	The number of CSN received from small construction site operators seeking coverage from storm water discharges.	Permit Year 1 – Permit Year 5
	The number of inspections conducted at construction sites.	Permit Year 1 – Permit Year 5

MCM 4 - POST-CONSTRUCTION STORM WATER CONTROL MEASURES

The City developed the following MCM to control the discharge of pollutants to the MS4 to the MEP. The post-construction storm water MCM was developed in compliance with Part III.B.4 of the TPDES permit.

MCM Components

Numerous studies have documented that storm water runoff from newly developed and redeveloped sites contributes significant pollutant loads to receiving waters. The increase in impervious surfaces such as rooftops, roads, and parking lots can increase urban runoff and has an impact on stream, rivers, and lakes. Based on the documented studies the City developed the following list of BMPs to help prevent the discharge of pollutants to the MS4 to the MEP from new developments and significant redevelopment sites as well to provide for the long term operation and maintenance of BMPs. Details of each BMP schedules and measurable goals are described on the following BMP sheets.

- PC-1. New Development and Significant Redevelopment
- PC-2. Long Term Operation and Maintenance of BMPs

PC-1. AREAS OF NEW DEVELOPMENT AND SIGNIFICANT REDEVELOPMENT

The following BMP describes a program developed by the City for providing a plan for controlling the discharge of pollutants to the MS4 from areas of new development or areas of significant redevelopment. The following BMP has been developed in compliance with Part III.B.4.a.1 of the TPDES permit.

BMP Components

The existing Storm Water Management Ordinance requires the developer to comply with the City's drainage system criteria. Compliance with the drainage system criteria requires the submittal and approval of a drainage study. Drainage studies will be submitted for single-family residential developments comprising a gross aggregate area of two acres or more. The preliminary drainage study will be prepared by a professional engineer licensed in the State of Texas with demonstrated knowledge of the study of drainage issues and proficiency with drainage analysis and modeling tools.

The Landscape Ordinance requires a landscaped strip be provided along all portions of a property adjacent to a public right-of-way. The strip will be adjacent to the sidewalk or right-of-way, and will not include a sidewalk or right-of-way. The minimum width of the landscaped strip will be five feet. A benefit to this ordinance is that it provides for a grass swale filtration prior to any runoff entering the MS4 for both new developments and significant redeveloped sites. This ordinance will help meet the MS4 permit requirements by reducing pollutants that enter the MS4 and lowering the hydrological runoff of the newly developed or redeveloped sites.

BMP Schedule

The City is currently enforcing these ordinances and will continue this BMP during the term of the permit. In the next permit phase the City will make efforts to include Xeriscaping in the Landscape Ordinance.

Performance Measures

The City will track the following performance measures annually during the term of the permit.

- The number of plans reviewed by the City's Engineering Department concerning post-construction runoff of newly developed and/or redevelopment sites.

PC-2. LONG TERM OPERATION AND MAINTENANCE OF BMPS

The following BMP was developed by the City to prevent the introduction of pollutants into the MS4 due to lack of maintenance and repair of BMPs after new development and redevelopment has occurred. The following BMP was developed in compliance with Part III.B.4.b.3 of the City's TPDES permit.

BMP Components

The effectiveness of a BMP can be significantly reduced by lack of maintenance. The City assumes responsibility for maintenance of residential detention basins after the first year following construction. If a maintenance issue is identified the Street Department will perform the actual maintenance activities. The Street Department is also responsible for cleaning storm drain inlets after rain events. The City will only clean ditches that are dedicated. It does not clean ditches on private property and must work around those segments.

The disposal of all waste removed by the Street Department from the MS4 will be disposed of following the BMP/SO manual for proper disposal of dredge spoil, accumulated sediment, and floatables.

BMP Schedule

The City is currently performing all aspects of this BMP. The City will continue to maintain existing ditches, inlets, and residential detention basins.

Performance Measures

The City will track the following performance measures annually during the term of the permit.

- Clean a minimum of 30,000 linear feet of ditches per year.
- The number of inspections completed on detention ponds.

Table 1-4
MCM 4. Post-Construction Storm Water Control Measures

BMP	Metrics to be Tracked	Implementation Schedule
PC-1. New Development and Significant Redevelopment	The number of plans reviewed by the City's Engineering Department concerning post-construction runoff of newly developed and/or redevelopment sites.	Permit Year 1 – Permit Year 5
PC-2. Long Term and Maintenance of BMPs	Clean a minimum of 30,000 linear feet of ditches per year.	Permit Year 1 – Permit Year 5
	The number of inspections completed on detention ponds.	Permit Year 1 – Permit Year 5

MCM 5 - POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

The City developed the following MCM for implementation of a pollution prevention and good housekeeping program for municipal buildings and operations. This MCM will be developed in compliance with Part III.B.5 of the City's TPDES permit.

MCM Components

The City has identified the following municipal facilities that will be included in the Pollution Prevention and Good Housekeeping Program.

- Kickapoo Downtown Airport (TXR05Z758)
- Wichita Falls Municipal Airport (TXR05N388)
- Central Services (TXR05Z759)
- Landfill (TXR05T068)
- River Road POTW (TXR05Y363)
- North Side POTW (TXR05Y564)
- Transfer Station (TXRNET703)

City staff will continue to update the BMP/SO manual to help prevent pollution from entering the MS4. The BMP/SO manual will be followed by all City buildings and municipal maintenance operations. The BMP/SO manual is broken down into departments which outline specific pollution prevention and good housekeeping measures to reduce the discharges of pollutants to the MEP.

The City will continue to provide training for all employees at these identified facilities and those employees that are involved in the designated municipal operations.

The proper disposal of waste removed from the MS4 and/or from other municipal operations is included in the BMP/SO manual. Specific waste removal requirements for each location identified above are included in the BMP/SO manual.

All maintenance activities on City owned facilities are completed using in-house resources. The maintenance activities that are completed by in-house resources are required to follow the City's BMP/SO manual in regards to pollution prevention.

Below is a list of BMPs which are necessary to meet regulatory requirements. Details of each BMP, implementation activities, and measurable goals are described in the text below.

- GH-1. Storm Water Pollution Prevention Training
- GH-2. BMP/SO Manual for City Facilities
- GH-3. Vehicle Fueling
- GH-4. Roadway Cleaning

- GH-5. Used Oil Collection & Recycling
- GH-6. Storm Drain Cleaning
- GH-7. Landscape and Lawn Care / Mulching
- GH-8. Pesticide, Herbicide, and Fertilizer

GH-1. STORM WATER POLLUTION PREVENTION TRAINING

The City developed the following BMP to describe the training program that will be used to help City employees develop pollution prevention techniques. This BMP has been developed in compliance with Part III.B.5.a.1 of the City's TPDES permit.

The following specific components are included for this portion of the SWMP.

- Pollution Prevention training will be given to the following departments: Engineering, Utilities, Sanitation, Code Enforcement, Building and Code Administration, Fleet maintenance, Parks and Recreation, Streets, and City/County Health.
- The BMP/SO manual that has been developed concerning pollution prevention will be reviewed annually and before training sessions. Revisions will be added based on review as needed.
- New employees in the departments listed above will be trained within a year of employment and existing employees will be provided with training to refresh pollution prevention training.

BMP Schedule

The City is currently performing all aspects of the BMP and will continue the programs during the term of the permit.

Performance Measure

The City will track the following performance measures annually during the term of the permit.

- Annual pollution prevention training for Fleet Maintenance, Wastewater, Sanitation, and Public works Department.
- List of attendees and dates of training.

GH-2. BMP/SO MANUAL FOR CITY FACILITIES

The City of Wichita Falls has developed the following BMP to describe the development and maintenance of the BMP/SO manual which City facilities currently are utilizing concerning pollution prevention. This BMP has been developed in compliance with Part III.B.5.b.5 of the TPDES permit.

The following specific components are included for this portion of the SWMP.

- The BMP/SO manual for the City staff standardizes procedures and provides a written reference document for employee to consult regarding good housekeeping procedures.
- The proper implementation of these practices will have positive impacts on City water quality and reduce the risks of contamination of local ponds and streams.

BMP Schedule

The City has developed a BMP/SO manual and reviews and makes revisions when needed.

Performance Measures

The City will continue to review and update the current BMP/SO manual annually and as needed.

GH-3. VEHICLE FUELING

The City developed the following BMP which involves the testing of the Central Service underground storage tanks (USTs) for leakage which could cause potential water quality impacts. A Scald System has been installed which monitors UST constantly when fluids are not flowing 24 hours a day. If a leak is detected alarms will sound and a report will be generated. The only time reports are generated is when a leak is detected.

The following specific components are included for this portion of the SWMP.

- Maintain UST leak detection system
- If a leak is by the Scald System a report will be generated this report will be submitted with the annual report.

BMP Schedule

The City is currently performing all aspects of the BMP and will continue the BMP during the term of the permit.

Performance Measures

The City will track the following performance measures annually during the term of the permit.

- Central Service will provide a leak report as soon as a leak is detected by the Scald System.
- Reports will be attached in the annual report if a leak occurs.

Notice of Change sent to TCEO on 9/16/15

GH-4. ROADWAY CLEANING

The City developed the roadway cleaning BMP to reduce the amount of sediment, floatable debris, and other pollutants discharged to receiving streams, rivers, and lakes. Current street sweeper technology enables the sweeper to pick up fine grained sediment particles that carry a substantial portion of the storm water pollutant load. The BMP/SO manual describes the schedule of sweeping and the proper disposal of material.

BMP Schedule

The City is currently performing all aspects of the programs identified and will continue the programs during the term of the permit.

The following specific components are included for this portion of the SWMP.

- The City will continue to perform street sweeping and cleaning at the current frequency. The Street Department submits monthly reports to the Public Works Department documenting the number of curb miles that have been swept.
- The City will implement a GIS based work order tracking system during the permit period which will improve overall maintenance and sweeping of the City streets.
- The City disposes roadway waste at an approved disposal site. Disposal procedures are documented in the City's BMP/SO manual, which will be reviewed on an annual basis and updated as needed.
- The City will continue to use expanded shale and crushed rock and does not store or apply road salt. The expanded shale and crushed rock that is applied in Wichita Falls is a high quality ceramic aggregate that is structurally strong, physically stable, durable, environmentally inert, light in weight and highly insulative. It is a non-toxic, absorptive aggregate that is dimensionally stable and will not degrade over time. The material is stored under cover to prevent run off into storm water. Therefore, use of this material should not impact water quality significantly, and the material will be removed as the weather improves. If road salt is ever needed or purchased, it will be stored under cover to prevent run off into storm water. At this time, the City does not plan to purchase or use road salt.

Performance Measures

The City will track the following performance measures annually during the term of the permit.

- Sweep a minimum of 2,000 curb miles each year.
- The amount in pounds of expanded shale and crushed rock applied to roadways.

GH-5. USED OIL COLLECTION AND RECYCLING

The City currently recycles and collects used oil from maintenance operations at the Central Services Center located at 2100 Seymour Highway. The City will provide a covered storage area and secondary containment for used oil drums that are awaiting pickup and disposal. The City will provide documentation of disposal contracts (manifests). Used oil collection and recycling procedures will be included in the BMP/SO manual and annual training programs.

BMP Schedule

The City is currently performing all aspects of the BMP identified and will continue the BMP during the term of the permit.

Performance measures

The City will track the following performance measures annually during the term of the permit.

- Gallons of waste oil collected.
- Manifest of waste oil picked up will be included in the annual report.

GH-6. STORM DRAIN CLEANING

The City developed the following BMP to reduce the amount of debris, trash and other pollutants in the storm drain system through maintaining and cleaning the storm water inlets on a regular basis. The Street Department maintains ditches and storm drain inlets through a periodic inspection and preventative maintenance program. The Street Department utilizes log books, color-coded maps and a computerized work order system to document the preventative maintenance of ditches and storm drains. The City will develop formalized procedures for the disposal of dredge spoil, accumulated sediments and floatables from the MS4 as part of the BMP/SO manual.

The following specific components are included for this portion of the SWMP.

- The Street Department will maintain natural and improved drainage ditches, storm drains, culverts, flood control structures and other publicly controlled drainage structures. This includes publicly controlled detention basins within the City limits of Wichita Falls. Specific tasks performed by the Street Department that provide water quality benefits will include the stabilization of slopes; the removal of sediment, debris, and litter (floatables) from drainage conveyances; maintenance of drainage ditches by grading and mowing; and the repair of associated structures.
- The Street Department will maintain all publicly controlled curb inlets and storm drains. Specific tasks to be performed by the Street Department that will provide water quality benefits will include cleaning out the curb inlets and storm drains.
- The City will implement a GIS based work order tracking system during the permit period which will improve overall maintenance and sweeping of the City streets.

BMP Schedule

The maintenance BMPs identified in this section are currently being conducted on an on-going basis. Since the primary focus of the BMP has been one of flood control, the activities are prioritized based upon the potential impact on the hydraulic capacity of the MS4 and citizen complaints. As a result, those areas that tend to accumulate the most debris are addressed more frequently, while some areas may not require, and may not receive, any maintenance in a given year. At a minimum, the City will inspect all publicly controlled detention basins if maintenance is needed the maintenance will be scheduled within one month of the inspection. The City will continue these BMPs during the term of the permit.

Performance measures

The City is currently performing all of the tasks above and will track the following performance measures annually during the term of the permit.

- The number of publicly controlled detention basins inspected.
- Clean/Maintain 30,000 linear feet of drainage ditches each year.

GH-7. LANDSCAPE AND LAWN CARE / COMPOST

The Parks and Recreation Department maintains landscaping in public areas including the City parks, road median, public buildings and cemeteries. The City uses mulch as an organic soil amendment and ground cover to minimize the need for fertilizer and herbicide applications. The City has also ceased irrigation of turf areas for water conservation purposes. The Parks and Recreation Department encourages water conservation through an advertising campaign for Xeriscaping and WaterWise Landscaping. The composting operation provides weekly pickups of organic waste and provides compost free to the residents that participate in the organic recycling program.

The following specific components are included for this portion of the SWMP.

- Provide compost to help reduce the use of pesticides and fertilizers used by the Parks Department which have the potential to contaminate storm water runoff and subsequently impact local waterways.
- Provide compost which will also improve soil water holding capacity which will reduce the amount of water used by the Parks Department.
- Implement specifications for City construction projects to use compost as an approved erosion control BMP.

BMP Schedule

The City is currently providing compost/mulch to the Parks and Recreation Department, Street Department, and Texas Department of Transportation for continuous compost use throughout the year. The City also has two days annually in which the public has access to compost. The total amount of compost is tracked at the landfill on a daily basis.

Performance Measure

The City will track the following performance measures annually during the term of the permit.

- Amount of material composted (tons).
- Cubic yards of compost provided to local residents, City Departments, commercial vendors, and TXDOT.
- Promote the compost give-away program on social media, press releases to individuals, radio stations, newspapers and TV stations, emails sent via Notify Me, the City website and the City Cable Channel 11.

GH-8. PESTICIDE, HERBICIDE, AND FERTILIZER

The following BMP describes a program for controlling discharges of pesticides, herbicides, and fertilizers to the MS4. The following BMP has been developed in compliance with Part III.B.5.d of the City's TPDES permit.

In the State of Texas, the primary responsibility for regulating the application of pesticides and herbicides by commercial applicators has been reserved by the State. The State Legislature has enacted legislation prohibiting Cities from directly regulating the use of pesticides and herbicides by commercial companies or individuals. Given the breadth of the state regulations and the legislative constraints the following specific program components are included in the SWMP.

- The BMP/SO manual will include controls to reduce the discharge of pollutants related to the storage and application of pesticides, herbicides, and fertilizers in the Pollution Prevention and Good Housekeeping Handbook.
- The City will ensure that staff members that apply pesticides and herbicides are properly licensed by the state during the term of this permit.
- The City will minimize the amount of fertilizer used on municipal grounds by basing the application rates on periodic soil tests to determine the minimum amount of fertilizer required.

BMP Schedule

The City is currently performing all aspects of the Pesticide, Herbicide, and Fertilizer BMP and will continue the BMPs during the term of the permit.

Performance Measures

The City will track the following performances annually during the term of the permit.

- Maintain a list of City employees licensed by the state to apply pesticides and herbicides.

**Table 1-5
MCM 5. Pollution Prevention and Good Housekeeping for Municipal Operations**

BMP	Metrics to be Tracked	Implementation Schedule
GH-1. Storm Water Pollution Prevention Training	Annual pollution prevention training for Fleet Maintenance, Wastewater, Sanitation, and Public Works Department.	Permit Year 1 – Permit Year 5
	List of attendees and dates of training.	
GH-2. BMP/SO Manual for City Facilities	Review BMP/SO manual annually.	Permit Year 1 – Permit Year 5
GH-3. Vehicle Fueling	Review and pass monthly UST leak test reports.	Permit Year 1 – Permit Year 5
	Reports will be attached in the annual report.	Permit Year 1 – Permit Year 5
GH-4. Roadway Cleaning	Sweep a minimum of 2,000 curb mile each year.	Permit Year 1 – Permit Year 5
	The amount in pounds of expanded shale and crushed rock applied to roadways.	Permit Year 1 – Permit Year 5
GH-5. Used Oil Collection and Recycling	Gallons of waste oil collected.	Permit Year 1 – Permit Year 5
	Manifest of waste oil picked up will be included in annual report.	Permit Year 1 – Permit Year 5
GH-6. Storm Drain Cleaning	The number of publicly controlled detention basins inspected.	Permit Year 1 – Permit Year 5
	Clean/maintain 30,000 linear feet of drainage ditches each year.	Permit Year 1 – Permit Year 5
GH-7. Landscape and Lawn Care/Compost	Amount of material composted (tons).	Permit Year 1 – Permit Year 5
	Cubic yards of compost provided to local residents, City Departments, commercial vendors, and TXDOT.	Permit Year 1 – Permit Year 5
	Promote the compost give-a-way program on social media, press releases to individuals, radio stations, newspaper and TV station, emails sent via Notify Me, the City website and the City Cable Channel 11.	Permit Year 1 – Permit Year 5
GH-8. Pesticide, Herbicide, and Fertilizer	Maintain a list of City employees licensed by the state to apply pesticides and herbicides.	Permit Year 1 – Permit Year 5

MCM 6 - INDUSTRIAL STORM WATER SOURCES

The following MCM describes a program to control the potential contribution to the MS4 of pollutants from hazardous waste sites and industrial facilities. This MCM has been developed in compliance with Part III.B.6 of the City's TPDES permit.

MCM Components

The following specific MCM components are included in this portion of the SWMP.

- There are no operating municipal landfills within the City at this time; however, there are properly closed landfills within the service area of the MS4.
- The City will conduct annual inspections of all industrial facilities subject to the reporting requirements of the Emergency Planning and Community Right-to-Know Act (EPCRA) Title III, Section 313 located within the service area of the MS4 that have a TCEQ MSGP. The facilities that are permitted by the Industrial Wastewater Pretreatment Program and have been issued a MSGP by TCEQ will be inspected annually. The Pretreatment Program has the authority to inspect the entire premises and identify conditions that could result in the discharge of pollutants through storm water runoff.
- The City has not identified any other industrial facilities that are contributing a substantial pollutant load to the MS4. Therefore, the City is not proposing an inspection program for other industries at this time. If, in the future, the City determines that one or more industrial sites are contributing a substantial pollutant load, an appropriate inspection and/or monitoring program will be developed.
- If the City becomes aware of any industrial facility that is potentially discharging storm water in violation of federal regulations or laws, the City will notify TCEQ. Additionally, if industries within the MS4 service area are unsure if their storm water discharges are subject to the NPDES/TPDES program, the City will refer the industries to the EPA/TCEQ in order to resolve any questions.
- The City may accept a “no exposure” certification from facilities. The facility must confirm in the “no exposure” certification that industrial activities and/or industrial materials are not presently exposed to storm water and are not expected to be exposed to storm water for the certification period. The MS4 operator will conduct site inspections of these facilities at a minimum of once per permit term. The City will maintain a list of any facility meeting the “no exposure” requirement.

MCM Schedule

All facilities subject to the TCEQ’s Multi Sector General Permit TXR050000 will be inspected at a minimum of once per permit term. Emergency Planning and Community Right-to-Know Act (EPCRA) Title III, Section 313 industries will be inspected at least once per year during the term of the permit. A list of hazardous waste and industrial storm water dischargers monitored and/or

inspected pursuant to the SWMP has been compiled and is being utilized in inspection(s) scheduling.

Performance Measures

The following performance measures will be tracked annually during the term of the permit.

- The number of Emergency Planning and Community Right-to-Know Act (EPCRA) Title III, Section 313 facilities inspected, and a description of actions taken in response to the identification of conditions that could result in the discharge of significant pollutants to the MS4.
- The number of inspections conducted at industrial facilities.
- The number of inspections conducted at “no exposure” facilities.
- The number of new NOIs received.
- The number of new No Exposure Certifications (NEC) received.
- The number of NOTs received.

**Table 1-6
MCM 6. Industrial Storm Water Sources**

BMP	Metrics to be Tracked	Implementation Schedule
Industrial Inspections	The number of EPCRA Title III, Section 313 facilities inspected, and a description of actions taken in response to the identification of conditions that could result in the discharge of significant pollutants to the MS4.	Permit Year 1 – Permit Year 5
	The number of inspections conducted at industrial facilities.	Permit Year 1 – Permit Year 5
	The number of inspections conducted at “no exposure” facilities.	Permit Year 1 – Permit Year 5
	The number of NOIs received.	Permit Year 1 – Permit Year 5
	The number of new NEC received.	Permit Year 1 – Permit Year 5
	The number of NOTs received.	Permit Year 1 – Permit Year 5