STORM WATER MANAGEMENT PLAN

Developed to comply with the requirements of Texas Pollutant Discharge Elimination System
General Permit No. TXR040000

Permit Term:
August 2007 – August 2012

Prepared:
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Prepared by

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1.0 INTRODUCTION

The U.S Environmental Protection Agency (EPA) issued regulations in 1999 to protect storm water quality in small cities and urbanized areas. In Texas, the Texas Commission on Environmental Quality (TCEQ) was delegated the responsibility for implementing the regulations, commonly called the Phase II Storm Water Program. The City of McAllen is one of several hundred cities, counties, and other public entities required to develop a program to protect storm water quality under Phase II regulations.

The EPA required the TCEQ to develop stormwater quality permit conditions for the regulated public entities such as the City by December 9, 2002. The TCEQ finalized the permit August 13, 2007, and the City is required to develop and submit to the TCEQ a plan for a storm water quality management program by February 11, 2008. The program needs to be fully implemented by August 12, 2012, which will be the end of the first permit term.

The City has developed this storm water management plan (SWMP) to comply with the requirements of the Texas Pollutant Discharge Elimination System (TPDES) General Permit No. TXR040000. The SWMP includes best management practices (BMPs) that will be implemented by the City to reduce storm water pollution to the "maximum extent practicable," as regulations require.

Existing City storm water programs and activities that protect the City's storm water quality were identified and are included in the SWMP. They will be supplemented with several new BMPs to provide even more protection of storm water quality.

A schedule to implement the storm water management program, as well as measurable goals to track the implementation progress, has been developed for each of the BMPs in this SWMP. Each BMP was selected based on the projected effectiveness in protecting storm water quality and its ability to aid in compliance with permit conditions.

The implementation schedule and measurable goals for the first five-year permit term were selected so that the storm water program will be steadily phased in over the permit term. The City will review the implementation progress each year and modify the storm water management program as necessary. Annual updates will be provided to the TCEQ.

Appendix A sets forth the list of BMPs with summary descriptions, responsible City departments, and actions over the five-year permit period. Appendix B lists the BMPs by regulatory requirement. Appendix C groups the BMPs by responsible City department. Appendix D provides expanded descriptions of how these specific BMPs are expected to work. The subsequent appendices provide reference material, and help serve as a toolbox to keep the SWMP updated as required.

1.1 The City of McAllen

The City of McAllen, Texas is located in south Hidalgo County in South Texas. It is north of the Border of Mexico and northwest of the City of Brownsville. The City limits encompass 46 square miles, with a population density of 1,572 people per square mile. According to U.S. Census data, the population of the City in 2000 was 106,414. In the ten year period from 1990 – 2000, McAllen experienced growth of 22.9%.

The City is within the Western Gulf Coastal Plain ecoregion, specifically the Lower Rio Grande Valley. This ecoregion is characterized by its relatively flat topography and grassland natural vegetation. The area is characterized by a humid, subtropical, continental climate with hot summers and mild winters. The average maximum temperature in the City of McAllen occurs in August (96.2 °F); the average minimum temperature occurs in January (48.2 °F) with an annual

average temperature of 73.7 °F. Rainfall is the predominant type of precipitation. It is distributed throughout the year, and reaches a distinct peak in fall.

1.2 Water Quality

Storm Water and Water Quality in Texas

Storm water affects the quality of water in urban lakes, rivers, neighborhood creeks, and storm drains. These drainage ways, both natural and man-made, effectively remove storm water runoff from urban areas. In South Texas, storm drain systems are separate from sewage systems, and typically untreated storm water runoff flows directly to the nearest bodies of water. Any pollutants such as pesticides, oil, detergents, and bacteria that are present on urban land, streets, or other surfaces are also carried along.

In order to protect water quality, it is necessary to identify the types and sources of pollution and implement plans to protect the City's water resources. Historically, waters have been protected through state and federal regulation of "point-sources" or end-of-pipe sources of pollution. Over time, it has become more evident that overland runoff sources of pollution, such as urban storm water runoff, can create serious problems in water ways and impact the community's quality of life.

The Texas Commission on Environmental Quality (TCEQ) is charged through federal mandate with protecting the quality of waters within Texas. The TCEQ's approach to this mandate includes measuring water quality at locations across the state, determining if the quality in streams, lakes, and creeks is acceptable, and implementing plans to clean up water bodies that are impacted.

The Texas Surface Water Quality Standards are rules designed to establish goals for water quality throughout the state, and provide a basis for regulatory programs to attain those goals. Water quality standards serve to signal a situation where water quality may be inadequate to meet the use or uses of a particular water body. Five general categories for water use are defined in Texas: general, aquatic life use, contact recreation, public water supply, and fish consumption. These are known as "designated uses." Most streams in the state have been classified with designated uses but many smaller, intermittent streams have not been classified and do not have associated designated uses.

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

If the indicator data published in the *Texas Water Quality Inventory* (305(b) report) reveal that water quality is inadequate to meet the goals of the water body's designated use, the TCEQ puts the water body on the state's 303(d) list. This list is required by the federal Clean Water Act and is submitted to EPA for approval. Water bodies put on the list are subject to a Total Maximum Daily Load (TMDL) assessment. The TMDL is an intensive assessment of the root cause of poor water quality and development of a plan by local stakeholders to remediate pollution sources.

Water Quality in the McAllen Area

Storm water runoff from McAllen is discharged primarily into a network of local drainage ditches owned and operated by Hidalgo County Drainage District #1. Storm water entering these ditches is discharged to outfalls on the Arroyo Colorado above Tidal (Segment 2202) and further downstream at Laguna Madre (Segment 2491). Additionally, there are two man-made drainage ditches within the City that receive storm water runoff. The designated uses for the Arroyo Colorado and Laguna Madre include aquatic life, fish consumption, general, public water supply, and recreation.

The TCEQ 303(d) list identifies water bodies in Texas with known water quality impairments. The stream segment of the Arroyo Colorado above tidal is included on the *TCEQ Draft 2006 303(d) list* for a water quality impairment due to elevated concentrations of bacteria, specifically fecal coliform. Concern for elevated concentrations of nutrients, pesticides, and other pollutants, such as ammonia, chlordane, chlorophyll-a, DDT, and heptachlor among others are also indicated in *TCEQ Draft 2006 Water Quality Inventory*. Currently, the 303(d) list shows that a total maximum daily load (TMDL) study is not scheduled for this segment.

The Laguna Madre is also included on the *TCEQ Draft 2006 303(d) list* as an impaired water body. Water quality impairment is related to elevated concentrations of bacteria in oyster waters and depressed dissolved oxygen levels. In addition, a concern for screening levels of chlorophyll-a is listed on the Draft *TCEQ 2006 Water Quality Inventory*. At this time, the 303(d) list indicates that a TMDL study is scheduled for Laguna Madre.

Data collected by the TCEQ reveals that potential sources of contamination include urban runoff from storm sewers, municipal point source discharges, and irrigated crop production. Table 1 lists water quality indicators that reveal actual or potential concerns with local water quality in the vicinity of McAllen.

Table 1 Water Quality Issues for Water Bodies near McAllen

Water Body	Indicator Revealing Water Quality Concern	Level of Concern
Arroyo Colorado above tidal	Ammonia	Concern for screening level
	Chlordane	Non-supporting
	Chlorophyll-a	Concern for screening level
	DDD	Non-supporting
	DDE	Non-supporting
	DDT	Non-supporting
	Dieldrin	Non-supporting
	Endrin	Non-supporting
	Fecal coliform	Impairment (303d listed)
	Heptachlor	Non-supporting
	Hepatchlor epoxide	Non-supporting
	Hexachlorobenzene	Non-supporting
	Lindane	Non-supporting
	Nitrate	Concern for screening level
	Orthophosphorus	Concern for screening level
	Total Phosphorus	Concern for screening level
	Toxaphene	Non-supporting
Laguna Madre	Dissolved oxygen 24hr	Impairment (303d listed)
	DSHS shellfishing restrictions	Impairment (303d listed)
	Chlorophyll-a	Concern for screening level

Source: TCEQ Draft 2006 Water Quality Inventory and TCEQ Draft 2006 303(d) List

2.0 REGULATORY REQUIREMENTS

Under the requirements of the Clean Water Act, the EPA is required to protect the water quality for natural waters throughout the country. The EPA established the National Pollutant Discharge Elimination System (NPDES) program to identify sources of water pollution and work to reduce or eliminate the pollutants from the waters of the U.S.

The EPA has delegated responsibility for the NPDES program in Texas to the TCEQ. In addition to issuing discharge permits to traditional "point sources," such as municipal wastewater treatment plants, the TCEQ is also responsible for minimizing pollution from "non-point sources", such as storm water runoff from construction sites, industrial facilities or municipal storm sewer systems.

The TCEQ has issued requirements for minimizing storm water pollution from construction sites and industrial facilities through the issuance of general permits. Sites and facilities comply with these requirements by developing and implementing site-specific storm water pollution prevention plans.

To protect storm water quality from pollution entering municipal separate storm sewer systems (MS4s) in highly populated areas such as McAllen, the TCEQ developed a general permit, with specific conditions for municipalities to follow. This SWMP has been developed to meet those requirements.

2.1 Overview

The City is required to develop a SWMP that describes specific actions that will be taken over a five-year period to reduce pollutants and protect the City's storm water quality. This SWMP also sets measurable goals and provides a schedule for the implementation of BMPs over the next five years.

Various BMPs must be developed for each of six required "minimum control measures" (MCMs) that are expected to minimize or eliminate storm water pollutants discharged into the storm sewer system and provide water quality protection for receiving water bodies. An optional seventh minimum control measure, to address municipal construction activities through their SWMP is available for use by the City but has not been selected for inclusion in this SWMP.

A general description of the six required and one optional minimum control measures is provided below. The specific requirements for each minimum control measure are provided in Section 4.

Public Education and Outreach on Storm Water Impacts – develop a public education program about storm water quality issues

Public Involvement/Participation – involve the public in the storm water management program

Illicit Discharge Detection and Elimination – develop a program for the detection and elimination of non-storm water discharges

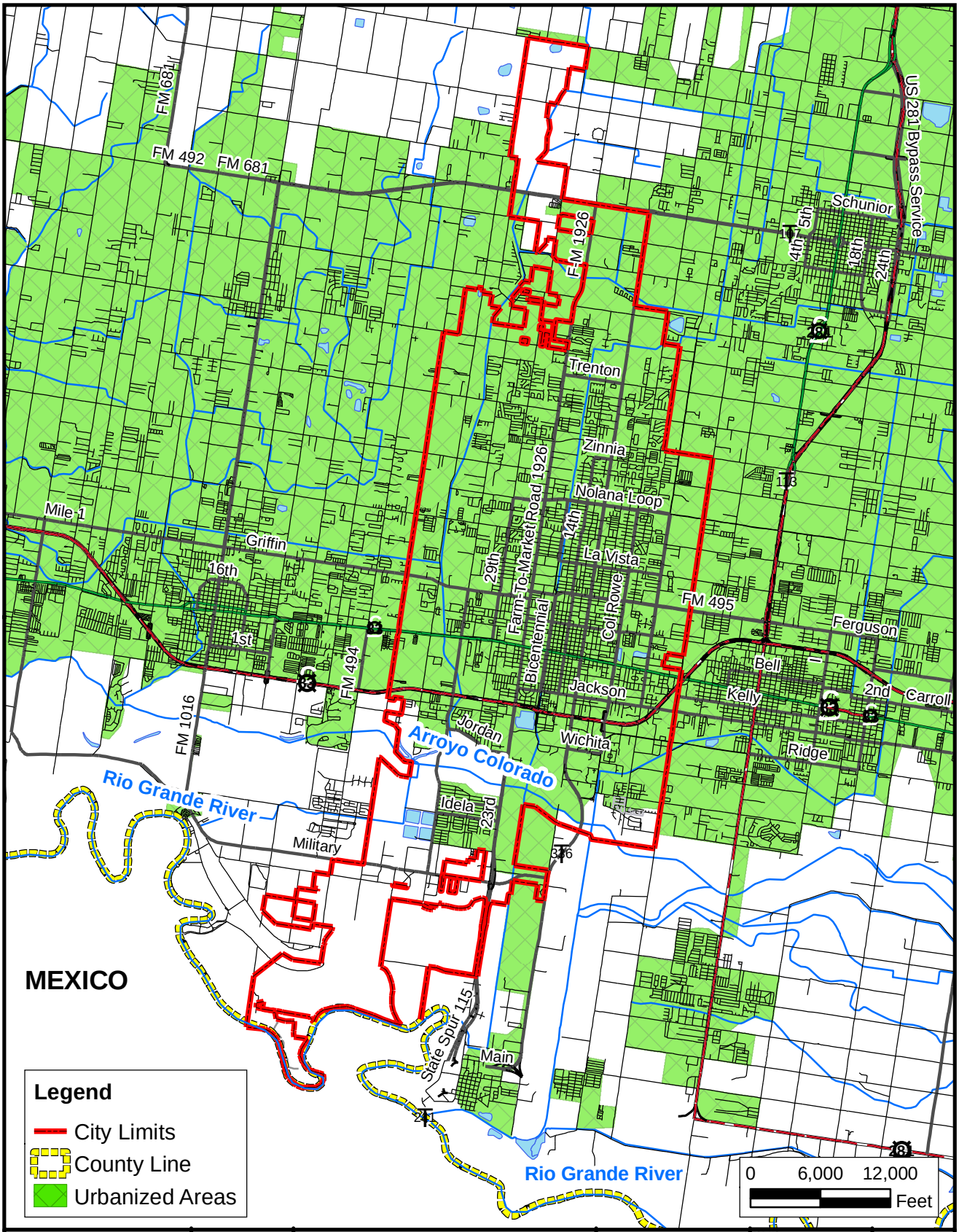
Construction Site Storm Water Runoff Control – develop a program to reduce pollutants in storm water runoff from construction sites

Post Construction Storm Water Management in New Development and Redevelopment – develop a program to reduce pollutants in storm water runoff from new development and redevelopment projects

Pollution Prevention/Good Housekeeping for Municipal Operations – develop an operation and maintenance program to reduce pollutants in storm water runoff from municipal operations

2.2 Permit Applicability And Coverage

The TPDES Phase II MS4 permit applies to operators of publicly-owned storm sewer systems in urbanized areas in Texas. The U.S. Census Bureau defines the urbanized areas based on the population density and total population for an area. The City is located within the McAllen U.S. Census Urbanized Area. This SWMP covers the City's MS4 area to the city limit boundaries. (Figure 1)



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City of McAllen, Texas
Storm Water Managment Plan

Urbanized Area Map

JOB NO	OFF07003
FILE	T:/MCE02329/Figures
DATE	1/07/08
SCALE	1:12000
DESIGNED	RMZ
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FIGURE 1

2.3 Definitions

Following are definitions to key words or phrases that are used throughout this SWMP. The definitions are taken directly from the TPDES Phase II MS4 general permit.

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

Classified Segment - refers to a water body that is listed and described in Appendix A or Appendix C of the Texas Surface Water Quality Standards, at 30 TAC § 307.10.

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

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

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

Industrial Activities - manufacturing, processing, material storage, and waste material disposal areas (and similar areas where storm water can contact industrial pollutants related to the industrial activity) at an industrial facility described by the TPDES Multi Sector General Permit, TXR050000, or by another TCEQ or TPDES permit.

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

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

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

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

Outfall - For the purpose of this permit, a point source at the point where a municipal separate storm sewer discharges to waters of the United States (U.S.) and does not include open conveyances connecting two municipal separate storm sewers, or pipes, tunnels, or other conveyances that connect segments of the same stream or other waters of the U.S. and are used to convey waters of the U.S.

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

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

Small Municipal Separate Storm Sewer System (MS4) – refers to a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains): (i) Owned or operated by the United States, a state, city, town, borough, county, district, association, or other public body (created by or pursuant to State law) having jurisdiction over disposal of sewage, industrial wastes, storm water, or other wastes, including special districts under State law such as a sewer district, flood control district or drainage district, or similar entity, or an Indian tribe or an authorized Indian tribal organization, or a designated and approved management agency under § 208 of the CWA; (ii) Designed or used for collecting or conveying storm water; (iii) Which is not a combined sewer; (iv) Which is not part of a publicly owned treatment works (POTW) as defined at 40 CFR § 122.2; and (v) Which was not previously authorized under a NPDES or TPDES individual permit as a medium or large municipal separate storm sewer system, as defined at 40 CFR §§122.26(b)(4) and (b)(7). This term includes systems similar to separate storm sewer systems at military bases, large hospital or prison complexes, and highways and other thoroughfares. This term does not include separate storm sewers in very discrete areas, such as individual buildings. For the purpose of this permit, a very discrete system also includes storm drains associated with certain municipal offices and education facilities serving a nonresidential population, where those storm drains do not function as a system, and where the buildings are not physically interconnected to an MS4 that is also operated by that public entity.

Storm Water and Storm Water Runoff - Rainfall runoff, snow melt runoff, and surface runoff and drainage.

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

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

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

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

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

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

(a) all waters which are currently used, were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide;

(b) all interstate waters, including interstate wetlands;

(c) all other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds that the use, degradation, or destruction of which would affect or could affect interstate or foreign commerce including any such waters:

  (1) which are or could be used by interstate or foreign travelers for recreational or other purposes;

  (2) from which fish or shellfish are or could be taken and sold in interstate or foreign commerce; or

  (3) which are used or could be used for industrial purposes by industries in interstate commerce;

(d) all impoundments of waters otherwise defined as waters of the United States under this definition;

(e) tributaries of waters identified in paragraphs (a) through (d) of this definition;

(f) the territorial sea; and

(g) wetlands adjacent to waters (other than waters that are themselves wetlands) identified in paragraphs (a) through (f) of this definition.

Waste treatment systems, including treatment ponds or lagoons designed to meet the requirements of CWA (other than cooling ponds as defined in 40 CFR § 423.11(m) which also meet the criteria of this definition) are not waters of the United States. This exclusion applies only to manmade bodies of water which neither were originally created in waters of the United States (such as disposal area in wetlands) nor resulted from the impoundment of waters of the United States. Waters of the United States do not include prior converted cropland. Notwithstanding the determination of an area's status as prior converted cropland by any other federal agency, for the purposes of the Clean Water Act, the final authority regarding Clean Water Act jurisdiction remains with EPA.

3.0 APPROACH

The City of McAllen (City) developed this SWMP to comply with TPDES requirements for storm water discharges and certain non-storm water discharges. The SWMP is intended to aid in the City's efforts to reduce storm water pollutants from the City's storm sewer system to the maximum extent practicable as required by the TPDES General Permit.

The SWMP describes specific actions that will be taken over a five-year period to reduce pollutants and protect the City's storm water quality. The specific activities to be implemented are referred to as best management practices. Various BMPs have been developed for each of the six "minimum control measures" required by the General Permit. The SWMP also sets measurable goals and provides a schedule for the implementation of the BMPs. Implementation of the selected BMPs is expected to result in reductions of pollutants discharged into McAllen's streams, ponds, and lakes.

3.1 Best Management Practice Selection Process

A two-step process was utilized to select the BMPs to be included in McAllen's SWMP. The first step in selecting BMPs included an evaluation of existing practices. The second step included meetings with staff from affected City departments to identify new BMPs. Various structural and non-structural BMPs will be implemented throughout the five-year permit term authorized under the General Permit.

Assessment of Existing BMPs

The City of McAllen has historically implemented various BMPs intended to protect storm water quality. An important aspect of developing an effective, compliant, and cost efficient SWMP is to account for these existing programs. Details of the City's existing storm water-related practices are summarized below and are included as BMPs selected for this SWMP.

The City currently conducts the following activities. Each specifically aids in compliance with the City's permit requirements for storm water quality protection.

- Sanitary sewer line maintenance and inspection
- Bulk waste cleanup
- Engineering design review
- Illegal dumping response
- Chemical applications management
- Spill response by fire department

The following activities in place in the City do not in themselves provide direct compliance with the Phase II MS4 permit requirements but do serve as the backbone for additional activities that will help the City meet specific permit provisions.

- City employee training
- Construction site inspections
- City website
- Mapping of infrastructure
- Development criteria

As shown in Appendix B, the minimum control measure requirements met by each existing BMP are noted. Some of the City's existing programs meet specific permit requirements, while others

serve as a foundation for the continued development of additional BMPs to meet the requirement of reducing pollutants to the maximum extent practicable.

Identification of Additional BMPs

Additional BMPs were selected to supplement the City's existing programs and to satisfy unmet requirements of the Phase II MS4 permit. The supplemental BMPs were evaluated based on their ability to meet at least one, and preferably several, of the minimum control measure requirements.

The evaluation process involved researching a variety of sources of BMPs, such as regulatory agencies, industry associations, and private enterprises. Some of the additional BMPs were selected directly from standard BMP "toolboxes" available from the EPA or the North Central Texas Council of Governments (NCTCOG), while others were tailored to the specific needs of McAllen. Each BMP considered was evaluated based on the following criteria:

-
- Which of the minimum control measure requirements does the BMP meet?
- How does the BMP fit into the City's existing goals, operations, and activities?
- What is the anticipated effectiveness of the BMP?
- What is the general cost range to implement the BMP?

Specific costs for the BMPs were not identified for the development of this plan; however, BMPs with significant investment requirements and relatively minor storm water quality benefit were not selected. More detailed budget requirements will be evaluated for each BMP in the first year of the plan's implementation.

3.2 Selection Process for Measurable Goals and Implementation Schedule

Specific measurable goals have been developed for each BMP. In accordance with the permit requirements, measurable goals have been developed to evaluate the success of the City's SWMP toward reaching the goal of protecting water quality and reducing pollutants to the maximum extent practicable. Goals were selected with a consideration toward achieving steady implementation, assessing the ability to measure and track progress, and working within budgetary constraints.

For the first five-year permit term, the TCEQ has authorized the steady implementation of the SWMP over a five-year period. In general, measurable goals for existing BMPs monitor the effectiveness of the BMP, whereas measurable goals for new BMPs monitor their implementation progress.

The first year of the permit program is largely dedicated to identifying the budgetary requirements of each of the BMPs. The second through fifth years focus on implementation, evaluating the effectiveness of existing BMPs, and tracking the implementation of new BMPs.

3.3 Measurable Goal Evaluation Process

The selected measurable goals for each BMP will be evaluated on an annual basis. Implementation of each BMP will be tracked as appropriate during each permit year in order to provide documentation of the BMP activities. Relative success at achieving the measurable goals, as well as an assessment of the effectiveness of each BMP, will also be evaluated on an annual basis.

Multiple City departments will be responsible for implementing portions of the SWMP and for tracking and evaluating the City's success in meeting the plan's measurable goals. Each City

department with activities or responsibilities that may impact storm water quality will provide to the City staff, documentation showing progress towards meeting the annual measurable goals for each BMP to the person designated for SWMP coordination.

4.0 MINIMUM CONTROL MEASURES

The TCEQ has specified six required and one optional "minimum control measures" (MCM) for inclusion in each SWMP. Specific requirements have been developed by the TCEQ for each control measure and the City has selected not to include the optional seventh MCM in this SWMP. The City has identified numerous existing and supplemental BMPs that will be included in the SWMP. Additional discussion of the BMPs is provided in Appendix D of the SWMP.

Following is text from the TPDES General Permit No. TXR04000, Part III. A., setting forth the regulatory requirements for each minimum control measure.

Part III. Storm Water Management Program (SWMP)

A. Minimum Control Measures

1. Public Education and Outreach on Storm Water Impacts

(a) A public education program must be developed and implemented to distribute educational materials to the community or conduct equivalent outreach activities that will be used to inform the public. The MS4 operator may determine the most appropriate sections of the population at which to direct the program. The MS4 operator must consider the following groups and the SWMP shall provide justification for any listed group that is not included in the program:

(1) residents;

(2) visitors;

(3) public service employees;

(4) businesses;

(5) commercial and industrial facilities; and

(6) construction site personnel.

The outreach must inform the public about the impacts that storm water run-off can have on water quality, hazards associated with illegal discharges and improper disposal of waste, and steps that they can take to reduce pollutants in storm water runoff.

(b) The MS4 operator must document activities conducted and materials used to fulfill this control measure. Documentation shall be detailed enough to demonstrate the amount of resources used to address each group. This documentation shall be retained in the annual reports required in Part IV.B.2. of this general permit.

2. Public Involvement/Participation

The MS4 operator must, at a minimum, comply with any state and local public notice requirements when implementing a

public involvement/participation program. It is recommended that the program include provisions to allow all members of the public within the City the opportunity to participate in SWMP development and implementation.

3. Illicit Discharge Detection and Elimination

(a) Illicit Discharges

A section within the SWMP must be developed to establish a program to detect and eliminate illicit discharges to the small MS4. The SWMP must include the manner and process to be used to effectively prohibit illicit discharges. To the extent allowable under state and local law, an ordinance or other regulatory mechanism must be utilized to prohibit and eliminate illicit discharges. Elements must include:

(1) Detection

The SWMP must list the techniques used for detecting illicit discharges; and

(2) Elimination

The SWMP must include appropriate actions and, to the extent allowable under state and local law, establish enforcement procedures for removing the source of an illicit discharge.

(b) Allowable Non-Storm Water Discharges

Non-storm water flows listed in Part II.B and Part VI.B. do not need to be considered by the MS4 operator as an illicit discharge requiring elimination unless the operator of the small MS4 or the executive director of the TCEQ identifies the flow as a significant source of pollutants to the small MS4. In lieu of considering non-storm water sources on a case-by-case basis, the MS4 operator may develop a list of common and incidental non-storm water discharges that will not be addressed as illicit discharges requiring elimination. If developed, the listed sources must not be reasonably expected to be significant sources of pollutants either because of the nature of the discharge or the conditions that are established by the MS4 operator prior to accepting the discharge to the small MS4. If this list is developed, then all local controls and conditions established for these listed discharges must be described in the SWMP and any changes to the SWMP must be included in the annual report described in Part IV.B.2. of this general permit, and must meet the requirements of Part II.D.3. of the general permit.

(c) Storm Sewer Map

(1) A map of the storm sewer system must be developed and must include the following:

(i) the location of all outfalls;

(ii) the names and locations of all waters of the U.S. that receive discharges from the outfalls; and

(iii) any additional information needed by the permittee to implement its SWMP.

(2) The SWMP must include the source of information used to develop the storm sewer map, including how the outfalls are verified and how the map will be regularly updated.

4. Construction Site Storm Water Runoff Control

The MS4 operator, to the extent allowable under State and local law, must develop, implement, and enforce a program to reduce pollutants in any storm water runoff to the small MS4 from construction activities that result in a land disturbance of greater than or equal to one acre or if that construction activity is part of a larger common plan of development or sale that would disturb one acre or more of land. The MS4 operator is not required to develop, implement, and/or enforce a program to reduce pollutant discharges from sites where the construction site operator has obtained a waiver from permit requirements under NPDES or TPDES construction permitting requirements based on a low potential for erosion.

(a) The program must include the development and implementation of, at a minimum, an ordinance or other regulatory mechanism to require erosion and sediment controls, as well as sanctions to ensure compliance, to the extent allowable under state and local law.

(b) Requirements for construction site contractors to, at a minimum:

(1) implement appropriate erosion and sediment control BMPs; and

(2) control waste such as discarded building materials, concrete truck washout water, chemicals, litter, and sanitary waste at the construction site that may cause adverse impacts to water quality.

(c) The MS4 operator must develop procedures for:

(1) site plan review which incorporate consideration of potential water quality impacts;

(2) receipt and consideration of information submitted by the public; and

(3) site inspection and enforcement of control measures to the extent allowable under state and local law.

5. Post-Construction Storm Water Management in New and Redevelopment

To the extent allowable under state and local law, the MS4 operator must develop, implement, and enforce a program to address storm water runoff from new development and redevelopment projects that disturb greater than or equal to one acre of land, including projects less than one acre that are part of a larger common plan of development or sale that will result in disturbance of one or more acres, that discharge into the small MS4. The program must ensure that controls are in place that would prevent or minimize water quality impacts. The permittee shall:

(a) Develop and implement strategies which include a combination of structural and/or non-structural BMPs appropriate for the community;

(b) Use an ordinance or other regulatory mechanism to address post-construction runoff from new development and redevelopment projects to the extent allowable under state and local law; and

(c) Ensure adequate long-term operation and maintenance of BMPs.

6. Pollution Prevention/Good Housekeeping for Municipal Operations

A section within the SWMP must be developed to establish an operation and maintenance program, including an employee training component, that has the ultimate goal of preventing or reducing pollutant runoff from municipal operations.

(a) Good Housekeeping and Best Management Practices (BMPs)

Housekeeping measures and BMPs (which may include new or existing structural or non-structural controls) must be identified and either continued or implemented with the goal of preventing or reducing pollutant runoff from municipal operations. Examples of municipal operations and municipally owned areas include, but are not limited to:

(1) park and open space maintenance;

(2) street, road, or highway maintenance;

(3) fleet and building maintenance;

(4) storm water system maintenance;

(5) new construction and land disturbances;

(6) municipal parking lots;

(7) vehicle and equipment maintenance and storage yards;

(8) waste transfer stations; and

(9) salt/sand storage locations.

(b) Training

A training program must be developed for all employees responsible for municipal operations subject to the pollution prevention/good housekeeping program. The training program must include training materials directed at preventing and reducing storm water pollution from municipal operations. Materials may be developed, or obtained from the EPA, states, or other organizations and sources. Examples or descriptions of training materials being used must be included in the SWMP.

(c) Structural Control Maintenance

If BMPs include structural controls, maintenance of the controls must be performed at a frequency determined by the MS4 operator and consistent with maintaining the effectiveness of the BMP. The SWMP must list all of the following:

(1) maintenance activities;

(2) maintenance schedules; and

(3) long-term inspection procedures for controls used to reduce floatables and other pollutants.

(d) Disposal of Waste

Waste removed from the small MS4 and waste that is collected as a result of maintenance of storm water structural controls must be properly disposed. A section within the SWMP must be developed to include procedures for the proper disposal of waste, including:

(1) dredge spoil;

(2) accumulated sediments; and

(3) floatables.

(e) Municipal Operations and Industrial Activities

The SWMP must include a list of all:

(1) municipal operations that are subject to the operation, maintenance, or training program developed under the conditions of this section; and

(2) municipally owned or operated industrial activities that are subject to TPDES industrial storm water regulations.

5.0 ASSESSMENT OF ALLOWABLE NON-STORM WATER DISCHARGES

In accordance with the requirements of the Phase II MS4 permit, the following non-storm water discharges will be assessed in order to determine whether they are known to be significant contributors of pollutants to the City's water bodies:

(a) water line flushing *(*excluding discharges of hyperchlorinated water, unless the water is first dechlorinated and discharges are not expected to adversely affect aquatic life);

(b) runoff or return flow from landscape irrigation, lawn irrigation, and other irrigation utilizing potable water, groundwater, or surface water sources;

(c) discharges from potable water sources;

(d) diverted stream flows;

(e) rising ground waters and springs;

(f) uncontaminated ground water infiltration;

(g) uncontaminated pumped ground water;

(h) foundation and footing drains;

(i) air conditioning condensation;

(j) water from crawl space pumps;

(k) individual residential vehicle washing;

(l) flows from wetlands and riparian habitats;

(m) dechlorinated swimming pool discharges;

(n) street wash water;

(o) discharges or flows from fire fighting activities (fire fighting activities do not include washing of trucks, run-off water from training activities, test water from fire suppression system, and similar activities);

(p) other allowable non-storm water discharges listed in 40 CFR § 122.26(d)(2)(iv)(B)(1);

(q) non-storm water discharges that are specifically listed in the TPDES Multi Sector General Permit (MSGP) or the TPDES Construction General Permit (CGP); and

(r) other similar occasional incidental non-storm water discharges, unless the TCEQ develops permits or regulations addressing these discharges.

Non-storm water discharges from the list above must be evaluated by the City to determine if any known, significant, water quality impacts were created as a result of the discharges. Evaluation of allowable non-storm water discharges will be conducted as part of the illicit discharge inspection BMP identified in Appendix A and detailed in Appendix D.

6.0 RECORDKEEPING AND REPORTING

6.1 Recordkeeping

The City will maintain all records, a copy of the TPDES general permit and all data used to complete the Notice of Intent (NOI) for this permit, for a period of at least three years, or for the term of this permit, whichever is longer. A current, up-to-date copy of the SWMP and a copy of the general permit requirements will be maintained at City Hall.

The City will make the compiled records, including the NOI and SWMP, available for public viewing at City Hall. The SWMP will be available for viewing during normal office hours, and available supporting documents will be able to be viewed within ten working days following the request from the public. Other records will be provided within 10 working days, unless the request requires an unusual amount of time or effort to assemble. In such a case, Texas law regarding the Public Information Act will be followed. Reasonable charges, in accordance with Texas law, may be levied by the City for researching and preparing any requested materials.

6.2 Annual Report

The City will submit an annual update report to the Executive Director of the TCEQ by the reporting deadline each year of the permit term. The City will maintain copies of the annual reports at City Hall.

The annual report will address the requirements listed in the TPDES Phase II MS4 general permit rules. Generally, the update report will document the storm water-related activities for the previous year, evaluate the success of each BMP relative to their measurable goals, and discuss plans for the upcoming year, including modifications to the SWMP. Modifications may include replacement of previously selected BMPs, alteration of the implementation schedule, or other changes allowed by the permit.

6.3 Plan Updates

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

Specific requirements for SWMP changes and documentation of plan updates involving changes in BMPs, measurable goals, or the implementation schedule are located in Appendix G.

6.4 Reference Material

Several sources of information are available for use in the maintenance and update of the SWMP. Each of these resources are recommended for additional information about alternative BMP options.

According to the general permit, “adding components, controls, or requirements to the SWMP,” or replacing a BMP with an equivalent or better BMP only requires notification of TCEQ. Other changes require TCEQ approval.

The U.S. EPA has developed an electronic storm water management BMP Toolbox specifically for use by Phase II MS4 regulated entities. It contains a list of BMPs for each minimum control measure. It can be accessed at:

http://cfpub.epa.gov/npdes/stormwater/munic.cfm

The state of California issued four BMP manuals for public reference. Like the EPA, the California manuals contain a list of BMPs available for use to protect storm water quality. The manuals are divided into four categories: Municipal, Construction, Post-Construction, and Industrial.

The Center for Watershed Protection offers a good resource for publications and on-line documentation regarding storm water quality at http://www.cwp.org/.

7.0 STORM WATER PERMITS FOR CITY-OWNED FACILITIES

TCEQ requires certain types of industrial facilities to apply for coverage under TPDES Multi-Sector General Permit No. TXR050000. Site-specific storm water pollution prevention plans (SWP3) are required to be developed, implemented, and maintained for facilities that conduct activities with the potential to contaminate storm water. Discharges eligible for authorization under TXR050000 are listed under Part II. A of the Multi-Sector General Permit. Examples of facilities subject to these permit requirements include automobile salvage yards, chemical production plants, paper and pulp mills, and many other industrial facilities.

Municipalities often operate several types of facilities that are subject to the industrial storm water permitting requirements. Landfills, wastewater treatment plants, vehicle maintenance facilities, municipal airports, compost facilities, and print shops are examples of regulated industrial facilities commonly operated by municipalities.

The City is required to document in this plan each City-owned or operated facility that is required to have a TPDES multi-sector general permit for storm water runoff. A copy of each facility's permit authorization is located in Appendix F of this plan for reference.

Appendix A

List of BMPs

Storm Water Management Program Best Management Practices

BMP ID	Best Management Practices	Responsible Department	Applicable Minimum Control Measure(s)*	FY 2007 - 2008 Measurable Goals	FY 2008 - 2009 Measurable Goals	FY 2009 - 2010 Measurable Goals	FY 2010 - 2011 Measurable Goals	FY 2011 - 2012 Measurable Goals
BMP 1	Utility Bill Inserts	Utilities Keep McAllen Beautiful Engineering	III.A.1. Public Education (a)(1) Residents (a)(2) Visitors (a)(4) Businesses (a)(5) Commercial/Industrial (b) Documentation	**Action** Develop an outline of the information to be communicated over a 5 year period. Identify budget requirements for BMP. **Documented Activities** Document the outline and the budget requirements.	**Action** Distribute educational information as a utility bill insert one time per year. **Documented Activities** Document the amount of information distributed. Document audience intended to be reached with estimate of % reached.	**Action** Distribute educational information as a utility bill insert one time per year. **Documented Activities** Document the amount of information distributed. Document audience intended to be reached with estimate of % reached.	**Action** Distribute educational information as a utility bill insert one time per year. **Documented Activities** Document the amount of information distributed. Document audience intended to be reached with estimate of % reached.	**Action** Distribute educational information as a utility bill insert one time per year. **Documented Activities** Document the amount of information distributed. Document audience intended to be reached with estimate of % reached.
BMP 2	Storm Water Web Site	Engineering Public Works IT	III.A.1. Public Education (a)(1) Residents (a)(2) Visitors (a)(3) Public service employees (a)(4) Businesses (a)(5) Commercial/Industrial (a)(6) Construction Site Personnel (b) Documentation III.A.2. Public Involvement/ Participation	**Action** Develop storm water website concept. Identify budget requirements. **Documented Activities** Document the concept and the budget requirements.	**Action** Develop storm water-related content on the City's web site with information, links, and references for additional information. **Documented Activities** Establish and maintain an accessible website. Document audience intended to be reached with estimate of % reached.	**Action** Revise and update the storm water website as needed. Solicit input and feedback from the public for storm water quality issues and opportunities in the City. **Documented Activities** Maintain an accessible website. Document audience intended to be reached with estimate of % reached. Document input received from the public through the website.	**Action** Revise and update the storm water website as needed. Solicit input and feedback from the public for storm water quality issues and opportunities in the City. **Documented Activities** Maintain an accessible website. Document audience intended to be reached with estimate of % reached. Document input received from the public through the website.	**Action** Revise and update the storm water website as needed. Solicit input and feedback from the public for storm water quality issues and opportunities in the City. **Documented Activities** Maintain an accessible website. Document audience intended to be reached with estimate of % reached. Document input received from the public through the website.

Storm Water Management Program Best Management Practices

BMP ID	Best Management Practices	Responsible Department	Applicable Minimum Control Measure(s)*	FY 2007 - 2008 Measurable Goals	FY 2008 - 2009 Measurable Goals	FY 2009 - 2010 Measurable Goals	FY 2010 - 2011 Measurable Goals	FY 2011 - 2012 Measurable Goals
BMP 3	Classroom Presentations	Engineering Public Works Keep McAllen Beautiful Utilities	III.A.1. Public Education (a)(1) Residents (b) Documentation	**Action** Coordinate with the School District to determine feasibility of providing storm water education materials. Identify budget requirements and resource needs. **Documented Activities** Document the budget requirements.	**Action** Provide storm water education material as determined by coordination meetings with the School District. **Documented Activities** Document the amount of materials provided. Document the target age group for education.	**Action** Provide storm water education material as determined by coordination meetings with the School District. **Documented Activities** Document the amount of materials provided. Document the target age group for education.	**Action** Provide storm water education material as determined by coordination meetings with the School District. **Documented Activities** Document the amount of materials provided. Document the target age group for education.	**Action** Provide storm water education material as determined by coordination meetings with the School District. **Documented Activities** Document the amount of materials provided. Document the target age group for education.
BMP 4	Storm Drain Marking	Engineering Public Works	III.A.1. Public Education (a)(1) Residents (a)(2) Visitors (a)(3) Public service employees (a)(4) Businesses (a)(5) Commercial/Industrial (a)(6) Construction Site Personnel (b) Documentation III.A.2. Public Involvement/ Participation III.A.3. Illicit Discharges (a) illicit discharges	**No Activity Scheduled**	**Action** Develop schedule to inventory and mark storm drain inlets in the City over the permit term. Identify budget requirements to acquire drain markers, as well as recruit and coordinate volunteers. Research types of stenciling or placarding cost and availability. **Documented Activities** Document the budget requirements and inventory of inlets started.	**Action** Track the location of placed storm drain markers and use of volunteer effort. **Documented Activities** Document the marked storm drain inlets. Document volunteer involvement.	**Action** Track the location of placed storm drain markers and use of volunteer effort. **Documented Activities** Document the marked storm drain inlets. Document volunteer involvement.	**Action** Track the location of placed storm drain markers and use of volunteer effort. **Documented Activities** Document the marked storm drain inlets. Document volunteer involvement.

Storm Water Management Program Best Management Practices

BMP ID	Best Management Practices	Responsible Department	Applicable Minimum Control Measure(s)*	FY 2007 - 2008 Measurable Goals	FY 2008 - 2009 Measurable Goals	FY 2009 - 2010 Measurable Goals	FY 2010 - 2011 Measurable Goals	FY 2011 - 2012 Measurable Goals
BMP 5	Storm Water Video	MCN Engineering Keep McAllen Beautiful Recycling	III.A.1. Public Education (a)(1) Residents (a)(2) Visitors (a)(3) Public service employees (a)(4) Businesses (a)(5) Commercial/Industrial (a)(6) Construction Site Personnel (b) Documentation	**Action** Begin acquisition or development of a storm water education video. Identify budget requirements to acquire or develop video(s). Develop schedule for number and airtimes of video presentations on public access channel. **Documented Activities** Document the budget requirements.	**Action** Air storm water educational video(s) on the City's public access channel. Make video(s) available at public library. **Documented Activities** Document the frequency of airing the educational video.	**Action** Air storm water educational video(s) on the City's public access channel. Make video(s) available at public library. **Documented Activities** Document the frequency of airing the educational video.	**Action** Air storm water educational video(s) on the City's public access channel. Make video(s) available at public library. **Documented Activities** Document the frequency of airing the educational video.	**Action** Air storm water educational video(s) on the City's public access channel. Make video(s) available at public library. **Documented Activities** Document the frequency of airing the educational video.
BMP 6	General Education of City Employees	Engineering Public Works Keep McAllen Beautiful	III.A.1. Public Education (a)(3) Public service employees (b) Documentation	**No Activity Scheduled**	**Action** Identify and research available storm water educational material for public employees. Determine methods to provide education to employees. Identify budget requirements to conduct research, acquire existing educational material, and develop additional material, as necessary. **Documented Activities** Document the budget requirements.	**Action** Provide educational information to public employees. **Documented Activities** Document the amount of materials provided. Document the public service employees that education materials were distributed to.	**Action** Provide educational information to public employees. **Documented Activities** Document the amount of materials provided. Document the public service employees that education materials were distributed to.	**Action** Provide educational information to public employees. **Documented Activities** Document the amount of materials provided. Document the public service employees that education materials were distributed to.

Storm Water Management Program Best Management Practices

BMP ID	Best Management Practices	Responsible Department	Applicable Minimum Control Measure(s)*	FY 2007 - 2008 Measurable Goals	FY 2008 - 2009 Measurable Goals	FY 2009 - 2010 Measurable Goals	FY 2010 - 2011 Measurable Goals	FY 2011 - 2012 Measurable Goals
BMP 7	Education of Elected Officials and the Public	Engineering	III.A.1. Public Education (a)(3) Public service employees (b) Documentation III.A.2. Public Involvement/ Participation	**No Activity Scheduled**	**Action** Provide overview of Phase II MS4 permit requirements and annual updates of implementation progress. Conduct a minimum of 1 public meeting per year. **Documented Activities** Document the number of meetings per year.	**Action** Provide overview of Phase II MS4 permit requirements and annual updates of implementation progress. Conduct a minimum of 1 public meeting per year. **Documented Activities** Document the number of meetings per year.	**Action** Provide overview of Phase II MS4 permit requirements and annual updates of implementation progress. Conduct a minimum of 1 public meeting per year. **Documented Activities** Document the number of meetings per year.	**Action** Provide overview of Phase II MS4 permit requirements and annual updates of implementation progress. Conduct a minimum of 1 public meeting per year. **Documented Activities** Document the number of meetings per year.
BMP 8	Business, Commercial and Industrial Education	Engineering Public Works	III.A.1. Public Education (a)(4) Businesses (a)(5) Commercial/industrial facilities (b) Documentation	**No Activity Scheduled**	**Action** Identify methods of communication about storm water issues with local businesses, such as through mailers, the Chamber of Commerce, etc. Identify budget requirements and appropriate approaches to effectively educate businesses about their potential storm water impacts and methods to minimize storm water pollution. **Documented Activities** Document the budget requirements.	**Action** Distribute educational information to local businesses a minimum of one time by the method(s) determined in Year 2. Solicit feedback once per year and revise program if appropriate. **Documented Activities** Document the number of businesses receiving educational information. Document the feedback received.	**Action** Distribute educational information to local businesses a minimum of one time by the method(s) determined in Year 2. Solicit feedback once per year and revise program if appropriate. **Documented Activities** Document the number of businesses receiving educational information. Document the feedback received.	**Action** Distribute educational information to local businesses a minimum of one time by the method(s) determined in Year 2. Solicit feedback once per year and revise program if appropriate. **Documented Activities** Document the number of businesses receiving educational information. Document the feedback received.

Storm Water Management Program Best Management Practices

BMP ID	Best Management Practices	Responsible Department	Applicable Minimum Control Measure(s)*	FY 2007 - 2008 Measurable Goals	FY 2008 - 2009 Measurable Goals	FY 2009 - 2010 Measurable Goals	FY 2010 - 2011 Measurable Goals	FY 2011 - 2012 Measurable Goals
BMP 9	City Inspector Training	Engineering Building Public Utility Board	III.A.1. Public Education (a)(3) Public service employees (b) Documentation III.A.4. Construction Site Storm Water Runoff Control (c)(3) site inspection and enforcement of control measures III.A.6. Pollution Prevention/Good Housekeeping for Municipal Operations (a)(5) new construction and land disturbances (b) Training	**No Activity Scheduled**	**Action** Evaluate existing site inspection training program and determine the need for additional training or a formalized erosion control inspection program. Identify a program to track and document the training of individual inspectors. Identify budget requirements for the inspector training program. **Documented Activities** Document the number of individuals trained.	**Action** Provide appropriate construction site erosion control training to inspection personnel at least once every three years. Provide appropriate training for new City inspectors prior to them conducting unassisted construction site erosion control inspections. **Documented Activities** Document the number of individuals trained.	**Action** Provide appropriate construction site erosion control training to inspection personnel at least once every three years. Provide appropriate training for new City inspectors prior to them conducting unassisted construction site erosion control inspections. **Documented Activities** Document the number of individuals trained.	**Action** Provide appropriate construction site erosion control training to inspection personnel at least once every three years. Provide appropriate training for new City inspectors prior to them conducting unassisted construction site erosion control inspections. **Documented Activities** Document the number of individuals trained.

Storm Water Management Program Best Management Practices

BMP ID	Best Management Practices	Responsible Department	Applicable Minimum Control Measure(s)*	FY 2007 - 2008 Measurable Goals	FY 2008 - 2009 Measurable Goals	FY 2009 - 2010 Measurable Goals	FY 2010 - 2011 Measurable Goals	FY 2011 - 2012 Measurable Goals
BMP 10	Developer/ Builder/Engineer Education and Training	Engineering	III.A.1. Public Education (a)(6) Construction site personnel (b) Documentation III.A.4. Construction Site Storm Water Runoff Control (b) construction site requirements III.A.5. Post-Construction Storm Water Management in New and Redevelopment (a) structural and non-structural BMPs (c) long-term BMP maintenance	**Action** Develop an information packet specific to storm water protection measures for developers, builders, and engineers to be distributed upon request and for new construction projects. **Documented Activities** Develop an information packet.	**Action** Provide construction site erosion control educational material and/or training opportunity at least once per year for builders, developers, and engineers that are active in McAllen. Require documentation of training for on-site construction personnel with erosion control responsibilities. **Documented Activities** Document the type, amount, and methods of educational material distributed to the development community. Document the method of training for "qualified inspectors" of erosion control devices at construction sites.	**Action** Provide construction site erosion control educational material and/or training opportunity at least once per year for builders, developers, and engineers that are active in McAllen. Require documentation of training for on-site construction personnel with erosion control responsibilities. **Documented Activities** Document the type, amount, and methods of educational material distributed to the development community. Document the method of training for "qualified inspectors" of erosion control devices at construction sites.	**Action** Provide construction site erosion control educational material and/or training opportunity at least once per year for builders, developers, and engineers that are active in McAllen. Require documentation of training for on-site construction personnel with erosion control responsibilities. **Documented Activities** Document the type, amount, and methods of educational material distributed to the development community. Document the method of training for "qualified inspectors" of erosion control devices at construction sites.	**Action** Provide construction site erosion control educational material and/or training opportunity at least once per year for builders, developers, and engineers that are active in McAllen. Require documentation of training for on-site construction personnel with erosion control responsibilities. **Documented Activities** Document the type, amount, and methods of educational material distributed to the development community. Document the method of training for "qualified inspectors" of erosion control devices at construction sites.
BMP 11	Storm Water Community Meetings	Public Works Engineering	III.A.1. Public Education (a)(1) Residents (a)(2) Visitors (a)(3) Public service employees (a)(4) Businesses (a)(5) Commercial/Industrial (a)(6) Construction Site Personnel (b) Documentation III.A.2. Public Involvement/ Participation	**No Activity Scheduled**	**Action** Develop a four year plan to conduct storm water community meetings. **Documented Activities** Document the four year plan.	**Action** Conduct a minimum of one community meeting per year. **Documented Activities** Document the estimated number of community participants.	**Action** Conduct a minimum of one community meeting per year. **Documented Activities** Document the estimated number of community participants.	**Action** Conduct a minimum of one community meeting per year. **Documented Activities** Document the estimated number of community participants.

Storm Water Management Program Best Management Practices

BMP ID	Best Management Practices	Responsible Department	Applicable Minimum Control Measure(s)*	FY 2007 - 2008 Measurable Goals	FY 2008 - 2009 Measurable Goals	FY 2009 - 2010 Measurable Goals	FY 2010 - 2011 Measurable Goals	FY 2011 - 2012 Measurable Goals
BMP 12	Storm Water Reporting Line	Engineering IT Public Works	III.A.2. Public Involvement/ Participation III.A.3. Illicit Discharge Detection and Elimination (a)(1) Detection	**Action** Develop concept for storm water reporting line program. Identify budget requirements for storm water reporting line. **Documented Activities** Document the budget requirements.	**Action** Identify procedures for receiving calls, routing calls to appropriate personnel for proper response, and documenting subject of call for future analysis. **Documented Activities** Document the procedures identified.	**Action** Establish the storm water reporting line and educate the public about its availability through various Public Education BMPs. Document each call and dispatch to appropriate department for proper response, as necessary. **Documented Activities** Document the number of calls received, nature of call, and action taken, if any.	**Action** Continue to educate the public about the existence of the storm water hotline through various Public Education BMPs. Continue documenting each call, dispatching to appropriate department for proper response. Conduct annual review of calls to identify trends (i.e., repeated reports of illegal dumping in certain areas of the City), general needs for reporting line improvement, and areas requiring additional educational or enforcement effort to protect storm water quality. **Documented Activities** Document the number of calls received, nature of call, and action taken, if any.	**Action** Continue to educate the public about the existence of the storm water hotline through various Public Education BMPs. Continue documenting each call, dispatching to appropriate department for proper response. Conduct annual review of calls to identify trends (i.e., repeated reports of illegal dumping in certain areas of the City), general needs for reporting line improvement, and areas requiring additional educational or enforcement effort to protect storm water quality. **Documented Activities** Document the number of calls received, nature of call, and action taken, if any.
BMP 13	Bulk Waste Cleanup	Public Works Keep McAllen Beautiful	III.A.2. Public Involvement/ Participation III.A.3.Illicit Discharge Detection and Elimination (a)(2) Elimination	**Action** Continue bulk waste cleanup program four times per year. Evaluate opportunities, public receptiveness, and budgetary requirements for additional trash cleanup events. **Documented Activities** Document the number of cleanup events and the amount of material collected.	**Action** Continue existing trash cleanup activities. Implement additional activities identified in Year 1, if any. **Documented Activities** Document the number of cleanup events and the amount of material collected.	**Action** Continue existing trash cleanup activities. Implement additional activities identified in Year 2, if any. **Documented Activities** Document the number of cleanup events and the amount of material collected.	**Action** Continue existing trash cleanup activities. Implement additional activities identified in Year 3, if any. **Documented Activities** Document the number of cleanup events and the amount of material collected.	**Action** Continue existing trash cleanup activities. Implement additional activities identified in Year 4, if any. **Documented Activities** Document the number of cleanup events and the amount of material collected.

Storm Water Management Program Best Management Practices

BMP ID	Best Management Practices	Responsible Department	Applicable Minimum Control Measure(s)*	FY 2007 - 2008 Measurable Goals	FY 2008 - 2009 Measurable Goals	FY 2009 - 2010 Measurable Goals	FY 2010 - 2011 Measurable Goals	FY 2011 - 2012 Measurable Goals
BMP 14	Household Hazardous Waste Collection	Public Works	III.A.2. Public Involvement/ Participation III.A.3. Illicit Discharge Detection and Elimination (a)(2) Elimination	**Action** Prepare informational materials about proper waste disposal and make available to the public. Promote the TCEQ household hazardous waste events. **Documented Activities** Document the amount of informational materials distributed.	**Action** Promote the TCEQ household hazardous waste events. **Documented Activities** Document outreach efforts to promote TCEQ's household hazardous waste collection events.	**Action** Promote the TCEQ household hazardous waste events. **Documented Activities** Document outreach efforts to promote TCEQ's household hazardous waste collection events.	**Action** Promote the TCEQ household hazardous waste events. **Documented Activities** Document outreach efforts to promote TCEQ's household hazardous waste collection events.	**Action** Promote the TCEQ household hazardous waste events. **Documented Activities** Document outreach efforts to promote TCEQ's household hazardous waste collection events.
BMP 15	Storm Sewer System Map	Engineering	III.A.3. Illicit Discharge Detection and Elimination (c) storm sewer map	**Action** Collect any existing mapping information for the storm sewer system. Develop plan and budget requirements for effort necessary to identify regulated storm water outfalls and drainage areas or system features. **Documented Activities** Document the written plan and budget requirements.	**Action** Begin identification of regulated storm water outfalls in the City and identify the names and locations of any waters of the U.S. receiving discharges from the MS4. **Documented Activities** Document the percent of outfalls identified.	**Action** Complete identification of storm water outfalls in the City and the names and locations of any waters of the U.S. receiving discharges from the MS4. Begin developing a map of the storm water outfall drainage system of the City, and document the source of information used to develop and update the map. **Documented Activities** Document the percent of outfalls identified, the source of information used, and the percent of drainage areas or system features mapped.	**Action** **Documented Activities** Document the percent mapped.	**Action** Complete development of a map of the storm water outfall drainage system of the City. **Documented Activities** Document the percent mapped.

Storm Water Management Program Best Management Practices

BMP ID	Best Management Practices	Responsible Department	Applicable Minimum Control Measure(s)*	FY 2007 - 2008 Measurable Goals	FY 2008 - 2009 Measurable Goals	FY 2009 - 2010 Measurable Goals	FY 2010 - 2011 Measurable Goals	FY 2011 - 2012 Measurable Goals
BMP 16	Illicit Discharge Detection and Elimination Ordinance	Public Works Engineering	III.A.3. Illicit Discharge Detection and Elimination (a) illicit discharges (b) non-storm water discharges	**No Activity Scheduled**	**Action** Evaluate existing ordinances for applicability to illegal discharge prohibition. **Documented Activities** Document status of existing ordinance language.	**Action** If necessary develop new illicit discharge ordinance requirements to enforce prohibition of illegal dumping of wastes into the storm sewer system. Enact the ordinance in the City Code of Ordinances. **Documented Activities** Complete the draft of the ordinance.	**Action** Enforce ordinance. Start inspections and distribute violation warnings. **Documented Activities** Document instances of enforcement and action taken to eliminate illicit discharge.	**Action** Implement a public education program to inform users about the new ordinance requirements. Enforce ordinance. Continue inspections and distribute violation warnings. **Documented Activities** Document instances of enforcement and action taken to eliminate illicit discharge.
BMP 17	Illicit Discharge Inspections	Public Works Health Department Engineering	III.A.3. Illicit Discharge Detection and Elimination (a) illicit discharges (b) non-storm water discharges	**No Activity Scheduled**	**Action** Develop plan to inspect the storm sewer system for illicit connections, illegal dumping, and dry weather discharges. **Documented Activities** Document the written plan. Outline plan for conducting inspections of Storm Sewer System.	**Action** Identify inspection staff, inspection schedule, and training procedures. **Documented Activities** Document the identified needs.	**Action** Train personnel in illicit discharge detection procedures. Begin scheduled illicit discharge inspections at the identified regulated outfalls. Establish procedure to eliminate detected illicit discharges. Identify budget requirements for illicit discharge inspections. **Documented Activities** Document outfalls screened, observations made, and corrective actions taken, if any.	**Action** Train personnel in illicit discharge detection procedures. Conduct scheduled illicit discharge inspections at regulated outfalls. **Documented Activities** Document outfalls screened, observations made, and corrective actions taken, if any.

Storm Water Management Program Best Management Practices

BMP ID	Best Management Practices	Responsible Department	Applicable Minimum Control Measure(s)*	FY 2007 - 2008 Measurable Goals	FY 2008 - 2009 Measurable Goals	FY 2009 - 2010 Measurable Goals	FY 2010 - 2011 Measurable Goals	FY 2011 - 2012 Measurable Goals
BMP 18	Sanitary Sewer Line Maintenance and Inspection	Utilities Department Health Department	III.A.3. Illicit Discharge Detection and Elimination (a) illicit discharges (b) non-storm water discharges	**Action** Conduct sanitary sewer system inspections. Conduct grease trap inspections. **Documented Activities** Document the number and location of lines and grease traps inspected each year.	**Action** Conduct sanitary sewer system inspections. Conduct grease trap inspections. **Documented Activities** Document the number and location of lines and grease traps inspected each year.	**Action** Conduct sanitary sewer system inspections. Conduct grease trap inspections. **Documented Activities** Document the number and location of lines and grease traps inspected each year.	**Action** Conduct sanitary sewer system inspections. Conduct grease trap inspections. **Documented Activities** Document the number and location of lines and grease traps inspected each year.	**Action** Conduct sanitary sewer system inspections. Conduct grease trap inspections. **Documented Activities** Document the number and location of lines and grease traps inspected each year.
BMP 19	Erosion Control Ordinance	Engineering	III.A.4. Construction Site Storm Water Runoff Control (a) ordinance (b) contractor requirements III.A.5. Post Construction Storm Water Management in New Development and Redevelopment (c) long-term operation and maintenance BMPs	**No Activity Scheduled**	**Action** Evaluate the City's existing ordinances to identify adequacy of erosion control requirements and enforcement mechanisms for construction activity that results in a land disturbance of one acre or more or include construction activity that is part of a larger common plan of development or sale that would disturb one acre or more of land. **Documented Activities** Identify budget requirements needed to update the ordinance.	**Action** Develop modified/updated draft ordinance, if necessary, to meet permit conditions. **Documented Activities** Provide draft to regulated community for review and input.	**Action** Issue final ordinance. Conduct education activities to inform the public about the new ordinance requirements. Begin education-focused enforcement of ordinance. **Documented Activities** Document the number of education activities and instances of enforcement and action taken to eliminate unauthorized discharges.	**Action** Enforce ordinance. Start inspections and distribute violation warnings. **Documented Activities** Document the number of education activities, instances of enforcement, and action taken to eliminate unauthorized discharges.

Storm Water Management Program Best Management Practices

BMP ID	Best Management Practices	Responsible Department	Applicable Minimum Control Measure(s)*	FY 2007 - 2008 Measurable Goals	FY 2008 - 2009 Measurable Goals	FY 2009 - 2010 Measurable Goals	FY 2010 - 2011 Measurable Goals	FY 2011 - 2012 Measurable Goals
BMP 20	Construction Site Plan Review	Engineering	III.A.4. Construction Site Storm Water Runoff Control (c)(3) site inspection and enforcement	**No Activity Scheduled**	**Action** Review the construction site plan review process. **Documented Activities** Document the existing construction site plan review process with respect to storm water runoff control.	**Action** Update the construction site plan review process. **Documented Activities** Document number of site plans reviewed. Document number and nature of deficient erosion control plans.	**Action** Implement the new site review process. **Documented Activities** Document number of site plans reviewed. Document number and nature of deficient erosion control plans.	**Action** Continue implementation of the new site review process. **Documented Activities** Document number of site plans reviewed. Document number and nature of deficient erosion control plans.
BMP 21	Construction Site Inspection and Enforcement	Engineering Utilities Department Building Inspections	III.A.4. Construction Site Storm Water Runoff Control (c)(3) site inspection and enforcement	**No Activity Scheduled**	**Action** Evaluate existing site inspection procedures for compliance with permit requirements. Identify modifications to the procedures needed to achieve compliance with the permit conditions. Identify budget requirements for erosion control site inspections, documentation, and tracking. **Documented Activities** Document evaluation of site inspection procedures and budget requirements.	**Action** Revise site inspection procedures, if necessary, to include documented inspection of erosion control measures. Educate the public about new site inspection procedures. **Documented Activities** Document the method of educating the public on new site inspection procedures. Document site inspection procedures.	**Action** Conduct erosion control site inspections. **Documented Activities** Document inspections, instances of enforcement activity, and reason(s) for non-compliance. Document the corrective action taken to protect storm water quality.	**Action** Continue to conduct erosion control site inspections. **Documented Activities** Document inspections, instances of enforcement activity, and reason(s) for non-compliance. Document the corrective action taken to protect storm water quality.

Storm Water Management Program Best Management Practices

BMP ID	Best Management Practices	Responsible Department	Applicable Minimum Control Measure(s)*	FY 2007 - 2008 Measurable Goals	FY 2008 - 2009 Measurable Goals	FY 2009 - 2010 Measurable Goals	FY 2010 - 2011 Measurable Goals	FY 2011 - 2012 Measurable Goals
BMP 22	Public Comments on Construction Plans	Engineering	III.A.4. Construction Site Storm Water Runoff Control (c)(2) public information submittals	**Action** Evaluate the need for receiving, considering, and tracking comments from the public regarding the City's erosion control program and for specific project-related complaints. **Documented Activities** Document the results of the evaluation.	**Action** Develop written procedures outlining a system for receiving, considering, and tracking comments from the public regarding the City's erosion control program and for specific project-related complaints. **Documented Activities** Document the outlined procedures.	**Action** Develop an information program to notify the public about the new opportunity to provide comments for issues related to erosion control. **Documented Activities** Document the methods of educating the public.	**Action** Start implementation of public comment system. **Documented Activities** Document comments received and methods of educating public.	**Action** Continue implementation of public comment system. **Documented Activities** Document comments received and methods of educating public.

Storm Water Management Program Best Management Practices

BMP ID	Best Management Practices	Responsible Department	Applicable Minimum Control Measure(s)*	FY 2007 - 2008 Measurable Goals	FY 2008 - 2009 Measurable Goals	FY 2009 - 2010 Measurable Goals	FY 2010 - 2011 Measurable Goals	FY 2011 - 2012 Measurable Goals
BMP 23	Post-Construction Runoff Ordinance	Engineering	III.A.1. Public Education (a)(1) Residents (a)(4) Businesses (a)(6) Construction Site Personnel III.A.5. Post-Construction Storm Water Management in New Development and Redevelopment (b) ordinance (c) long-term operation and maintenance of BMPs	**No Activity Scheduled**	**Action** Review the City's existing ordinance to identify if additional language is necessary to meet the Phase II MS4 post-construction requirements to address storm water runoff from new development and redevelopment projects that disturb greater than or equal to one acre of land, including projects less than one acre that are part of a larger common plan of development or sale that will result in disturbance of one or more acres, that discharge into the City's MS4.Identify budget requirements to revise and update the ordinance to meet the permit conditions. **Documented Activities** Document the budget requirements.	**Action** Draft a revised storm water ordinance for post-construction requirements, if necessary, and make available for public review and input. **Documented Activities** Complete the draft post-construction storm water ordinance, and document the method for eliciting public review and input on the draft.	**Action** Issue final ordinance (if revised). Conduct education activities to inform the public about the new ordinance requirements. Begin education-focused enforcement of ordinance. **Documented Activities** Document the number of education activities, instances of enforcement, and action taken to eliminate unauthorized discharges.	**Action** Enforce ordinance. Start inspections and distribute violation warnings. **Documented Activities** Document the number of education activities, instances of enforcement, and action taken to eliminate unauthorized discharges.

Storm Water Management Program Best Management Practices

BMP ID	Best Management Practices	Responsible Department	Applicable Minimum Control Measure(s)*	FY 2007 - 2008 Measurable Goals	FY 2008 - 2009 Measurable Goals	FY 2009 - 2010 Measurable Goals	FY 2010 - 2011 Measurable Goals	FY 2011 - 2012 Measurable Goals
BMP 24	Land Use Plan	Planning	III.A.5. Post-Construction Storm Water Management in New Development and Redevelopment (a) appropriate use of structural/non-structural BMPs	**Action** Evaluate the comprehensive plan with respect to water quality protection through acceptable land use. **Documented Activities** Document the evaluation of the comprehensive plan.	**Action** Evaluate the current process of assessing proposed zoning changes with respect to the water quality protection goals of the land use plan. **Documented Activities** Document the evaluation of process to address proposed zoning changes.	**Action** Assess proposed zoning changes in relation to the City's existing land use plan with respect to water quality protection. **Documented Activities** Document the number of assessed zoning change proposals. Document the number of assessments considered with potential water quality impacts.	**Action** Continue the existing process of assessing proposed zoning changes in relation to the City's existing land use plan. **Documented Activities** Document the number of assessed zoning change proposals. Document the number of assessments considered with potential water quality impacts.	**Action** Continue the existing process of assessing proposed zoning changes in relation to the City's existing land use plan. **Documented Activities** Document the number of assessed zoning change proposals. Document the number of assessments considered with potential water quality impacts.
BMP 25	Spill Response	Public Works Fire Department	III.A.6. Pollution Prevention/Good Housekeeping (a) good housekeeping and BMPs (d) disposal of waste	**Action** Review existing spill response procedures to identify adequacy of measures to protect water quality. Continue implementation of existing spill response procedures and training through the McAllen Fire Department. **Documented Activities** Document spill response events. Document training for spill response personnel. Document recommended updates to spill response procedure.	**Action** Update spill response procedure to incorporate review recommendations identified in Year 1. Continue implementation of existing spill response procedures and training through the McAllen Fire Department. **Documented Activities** Document spill response events. Document training for spill response personnel.	**Action** Continue implementation of existing spill response procedures and training through the McAllen Fire Department. **Documented Activities** Document spill response events. Document training for spill response personnel.	**Action** Continue implementation of existing spill response procedures and training through the McAllen Fire Department. **Documented Activities** Document spill response events. Document training for spill response personnel.	**Action** Continue implementation of existing spill response procedures and training through the McAllen Fire Department. **Documented Activities** Document spill response events. Document training for spill response personnel.

Storm Water Management Program Best Management Practices

BMP ID	Best Management Practices	Responsible Department	Applicable Minimum Control Measure(s)*	FY 2007 - 2008 Measurable Goals	FY 2008 - 2009 Measurable Goals	FY 2009 - 2010 Measurable Goals	FY 2010 - 2011 Measurable Goals	FY 2011 - 2012 Measurable Goals
BMP 26	Street Sweeping	Public Works	III.A.6. Pollution Prevention/Good Housekeeping (a)(2) street, road, or highway maintenance (a)(6) municipal parking lots (d) disposal of waste	**Action** Evaluate the street sweeping program for City streets. Develop schedule for street sweeping activities. Identify budget requirements for street sweeping program. **Documented Activities** Document the sweeping schedule and budget requirements.	**Action** Continue street sweeping program and implement any changes identified in the street sweeping program evaluation. **Documented Activities** Document schedule for street sweeping activities, volume of waste collected, and method of waste disposal.	**Action** Continue street sweeping program and implement any changes identified in the street sweeping program evaluation. **Documented Activities** Document schedule for street sweeping activities, volume of waste collected, and method of waste disposal.	**Action** Continue street sweeping program and implement any changes identified in the street sweeping program evaluation. **Documented Activities** Document schedule for street sweeping activities, volume of waste collected, and method of waste disposal.	**Action** Continue street sweeping program and implement any changes identified in the street sweeping program evaluation. **Documented Activities** Document schedule for street sweeping activities, volume of waste collected, and method of waste disposal.

Storm Water Management Program Best Management Practices

BMP ID	Best Management Practices	Responsible Department	Applicable Minimum Control Measure(s)*	FY 2007 - 2008 Measurable Goals	FY 2008 - 2009 Measurable Goals	FY 2009 - 2010 Measurable Goals	FY 2010 - 2011 Measurable Goals	FY 2011 - 2012 Measurable Goals
BMP 27	Storm Sewer System Maintenance and Cleaning	Public Works	III.A.6. Pollution Prevention/Good Housekeeping (a)(4) storm water system maintenance	**No Activity Scheduled**	**Action** Develop a schedule to conduct visual inspections of the City's storm sewer system such as ditch maintenance, culvert and inlet cleanouts, and construction site waste. Evaluate the need for maintenance. Develop a system to monitor and track storm sewer maintenance activities. Clean system as needed in response to complaints or reported problems. Identify budget requirements to perform routine maintenance on the storm sewer system. **Documented Activities** Document the inspection schedule and budget requirements.	**Action** Implement the inspection schedule. Perform maintenance as necessary. Clean system as needed in response to complaints or reported problems. **Documented Activities** Document areas inspected, observations made, problems reported, and maintenance performed.	**Action** Implement the inspection schedule. Perform maintenance as necessary. Clean system as needed in response to complaints or reported problems. **Documented Activities** Document areas inspected, observations made, problems reported, and maintenance performed.	**Action** Implement the inspection schedule. Perform maintenance as necessary. Clean system as needed in response to complaints or reported problems. **Documented Activities** Document areas inspected, observations made, problems reported, and maintenance performed.

Storm Water Management Program Best Management Practices

BMP ID	Best Management Practices	Responsible Department	Applicable Minimum Control Measure(s)*	FY 2007 - 2008 Measurable Goals	FY 2008 - 2009 Measurable Goals	FY 2009 - 2010 Measurable Goals	FY 2010 - 2011 Measurable Goals	FY 2011 - 2012 Measurable Goals
BMP 28	Disposal of Collected Storm Water System Waste	Public Works	III.A.6. Pollution Prevention/Good Housekeeping (d) disposal of waste	**Action** Develop budget requirements for waste handling and disposal. **Documented Activities** Document budget requirements.	**Action** Identify sources of waste requiring disposal as part of storm water management program activities. Identify proper methods for handling and disposal of waste materials. Develop a procedure to evaluate waste and properly dispose according to water quality protection goals. **Documented Activities** Document the developed procedures for properly disposing of waste materials.	**Action** Perform proper disposal of waste materials according to the developed procedures. **Documented Activities** Document the proper disposal of waste materials.	**Action** Perform proper disposal of waste materials according to the developed procedures. **Documented Activities** Document the proper disposal of waste materials.	**Action** Perform proper disposal of waste materials according to the developed procedures. **Documented Activities** Document the proper disposal of waste materials.

Storm Water Management Program Best Management Practices

BMP ID	Best Management Practices	Responsible Department	Applicable Minimum Control Measure(s)*	FY 2007 - 2008 Measurable Goals	FY 2008 - 2009 Measurable Goals	FY 2009 - 2010 Measurable Goals	FY 2010 - 2011 Measurable Goals	FY 2011 - 2012 Measurable Goals
BMP 29	Chemical Applications and Materials Management	Engineering Parks Public Works Golf Course Utilities Department Fire Department City-Wide	III.A.6. Pollution Prevention/Good Housekeeping (a)(1) park and open space maintenance (a)(2) street, road, or highway maintenance (a)(3) fleet and building maintenance (a)(4) storm water system maintenance (a)(5) new construction and land disturbances (a)(6) municipal parking lots (a)(7) vehicle and equipment maintenance and storage yards (a)(8) waste transfer stations (a)(9) salt/sand storage locations (b) training	**Action** Evaluate the status of the city's chemical and materials management procedures. **Documented Activities** Document the results of the evaluation.	**Action** Develop plan to identify chemicals and materials used in municipal activities and the location of the stored raw materials that may contribute to storm water pollution. Continue to provide and document refresher training for chemical applicators in accordance with industry guidelines. **Documented Activities** Document the number of individuals trained and the number of licensed chemical applicators on staff. Document plan to identify existing chemical and materials management activities.	**Action** Identify chemicals and materials used in municipal activities and the location of the stored chemicals and materials that may contribute to storm water pollution. Develop a chemical and materials management program to address the identified chemicals and materials that may contribute to storm water pollution. Continue to provide and document refresher training for chemical applicators in accordance with industry guidelines. **Documented Activities** Document the number of individuals trained and the number of licensed chemical applicators on staff. Document the developed chemical and materials management program.	**Action** Begin implementation of McAllen's chemical and materials management program, and evaluate effectiveness of current program. Continue to provide and document refresher training for chemical applicators in accordance with industry guidelines. **Documented Activities** Document the number of individuals trained and the number of licensed chemical applicators on staff. Document the results of the evaluation on the chemical and materials management program.	**Action** Continue implementation of McAllen's existing chemical and materials management program, and implement any changes based on prior year's evaluation. Continue to provide and document refresher training for chemical applicators in accordance with industry guidelines. **Documented Activities** Document the number of individuals trained and the number of licensed chemical applicators on staff. Document the results of the evaluation on the chemical and materials management program.

Storm Water Management Program Best Management Practices

BMP ID	Best Management Practices	Responsible Department	Applicable Minimum Control Measure(s)*	FY 2007 - 2008 Measurable Goals	FY 2008 - 2009 Measurable Goals	FY 2009 - 2010 Measurable Goals	FY 2010 - 2011 Measurable Goals	FY 2011 - 2012 Measurable Goals
BMP 30	Structural BMP Inspection and Maintenance	Engineering Public Works Parks	III.A.5. Post-Construction Storm Water Management in New Development and Redevelopment (c) long-term operation and maintenance of BMPs III.A.6. Pollution Prevention/Good Housekeeping (a)(4) storm water system maintenance (c) structural control maintenance	**Action** Evaluate the need for a BMP inspection and maintenance program. **Documented Activities** Document the results of the evaluation.	**Action** Develop the BMP inspection and maintenance program. Evaluate effectiveness of existing detention ponds to protect water quality. **Documented Activities** Document the schedule for implementing the developed program. Document the results of the evaluation.	**Action** Begin implementation of routine and non-routine inspections and maintenance of the structural BMPs throughout the City according to the approved program. Continue evaluating the effectiveness of existing detention ponds to protect water quality. **Documented Activities** Document the number of inspections and their findings.	**Action** Continue implementation of routine and non-routine inspections and maintenance of the structural BMPs throughout the City according to the approved program. Continue evaluating the effectiveness of existing detention ponds to protect water quality. **Documented Activities** Document the number of inspections and their findings.	**Action** Continue implementation of routine and non-routine inspections and maintenance of the structural BMPs throughout the City according to the approved program. Continue evaluating the effectiveness of existing detention ponds to protect water quality. **Documented Activities** Document the number of inspections and their findings.

Storm Water Management Program Best Management Practices

BMP ID	Best Management Practices	Responsible Department	Applicable Minimum Control Measure(s)*	FY 2007 - 2008 Measurable Goals	FY 2008 - 2009 Measurable Goals	FY 2009 - 2010 Measurable Goals	FY 2010 - 2011 Measurable Goals	FY 2011 - 2012 Measurable Goals
BMP 31	Municipal Operations and Industrial Activity	Engineering Public Works Utilities Department Parks Airport Golf Course City-wide	III.A.6. Pollution Prevention/Good Housekeeping (a)(1) park and open space maintenance (a)(2) street, road, or highway maintenance (a)(3) fleet and building maintenance (a)(4) storm water system maintenance (a)(5) new construction and land disturbances (a)(6) municipal parking lots (a)(7) vehicle and equipment maintenance and storage yards (a)(8) waste transfer stations (a)(9) salt/sand storage locations (b) training (e) municipal operations and industrial activities	**Action** Develop a plan to evaluate municipal operations with the potential to impact storm water quality. Identify the budget requirements to conduct assessments of the municipal operations. **Documented Activities** Document the budget requirements.	**Action** Begin assessments of selected municipal operations and develop recommendations for BMPs. Identify budget requirements to implement recommended modifications. **Documented Activities** Document scope and findings of assessments. Document recommended modifications to facilities to address findings. Document budget requirements.	**Action** Continue assessments of selected municipal operations and develop recommendations for BMPs. Begin implementation of the BMPs for facilities evaluated in prior years. **Documented Activities** Document scope and findings of assessments. Document recommended modifications to facilities to address findings. Document modifications implemented based on Year 2 facility assessments.	**Action** Continue the implementation of the BMPs identified through municipal operations assessments. **Documented Activities** Document modifications implemented based on Year 2 facility assessments.	**Action** Continue the implementation of the BMPs identified through municipal operations assessments. **Documented Activities** Document modifications implemented based on Year 2 facility assessments.

Storm Water Management Program Best Management Practices

BMP ID	Best Management Practices	Responsible Department	Applicable Minimum Control Measure(s)*	FY 2007 - 2008 Measurable Goals	FY 2008 - 2009 Measurable Goals	FY 2009 - 2010 Measurable Goals	FY 2010 - 2011 Measurable Goals	FY 2011 - 2012 Measurable Goals
BMP 32	Employee Training	Public Works Engineering	III.A.6. Pollution Prevention/Good Housekeeping (b) training	**No Activity Scheduled**	**Action** Identify municipal operations in which activities have the potential to impact storm water. Identify affected employees with job requirements that potentially impact storm water. Identify effort and method necessary to properly train affected City employees. Develop budget requirements for employee training program. **Documented Activities** Document municipal operations, affected employees, and budget requirements.	**Action** Conduct BMP training for the municipal employees responsible for activities that may impact storm water quality. **Documented Activities** Document the training of City personnel.	**Action** Conduct BMP training for the municipal employees responsible for activities that may impact storm water quality. **Documented Activities** Document the training of City personnel.	**Action** Conduct BMP training for the municipal employees responsible for activities that may impact storm water quality. **Documented Activities** Document the training of City personnel.

Appendix B

BMPs by Regulatory Requirement

Storm Water Management Program BMPs By Permit Requirement

Public Education and Outreach Requirements	BMP ID	BMP Name
(a) A public education program must be developed and implemented to distribute educational materials to the community or conduct equivalent outreach activities that will be used to inform the public. The MS4 operator may determine the most appropriate sections of the population at which to direct the program. The MS4 operator must consider the following groups and the SWMP shall provide justification for any listed group that is not included in the program: (1) residents; (2) visitors; (3) public service employees; (4) businesses; (5) commercial and industrial facilities; and (6) construction site personnel.	1 2 3 4 5 6 7 8 9 10 11 23	Utility Bill Inserts Storm Water Web Site Classroom Presentations Storm Drain Marking Storm Water Video General Education of City Employees Education of Elected Officials and the Public Business Commercial and Industrial Education City Inspector Training Developer/ Builder/ Engineering Education and Training Storm Water Community Meetings Post-Construction Runoff Ordinance
(b) The MS4 operator must document activities conducted and materials used to fulfill this control measure. Documentation shall be detailed enough to demonstrate the amount of resources used to address each group. This documentation shall be retained in the annual reports required in Part IV.B.2. of this general permit.	1 2 3 4 5 6 7 8 9 10 11	Utility Bill Inserts Storm Water Web Site Classroom Presentations Storm Drain Marking Storm Water Video General Education of City Employees Education of Elected Officials and the Public Business Commercial and Industrial Education City Inspector Training Developer/ Builder/ Engineering Education and Training Storm Water Community Meetings

Storm Water Management Program BMPs By Permit Requirement

Public Involvement Requirements	BMP ID	BMP Name
The MS4 operator must, at a minimum, comply with any state and local public notice requirements when implementing a public involvement/ participation program. It is recommended that the program include provisions to allow all members of the public within the small MS4 the opportunity to participate in SWMP development and implementation. Correctional facilities will not be required to implement this Minimum Control Measure.	2	Storm Water Web Site
	4	Storm Drain Marking
	7	Education of Elected Officials and the Public
	11	Storm Water Community Meetings
	12	Storm Water Reporting Line
	13	Bulk Waste Cleanup
	14	Household Hazardous Waste Collection

Storm Water Management Program BMPs By Permit Requirement

Illicit Discharge Detection and Elimination System Requirements	BMP ID	BMP Name
(a) Illicit Discharges A section within the SWMP must be developed to establish a program to detect and eliminate illicit discharges to the small MS4. The SWMP must include the manner and process to be used to effectively prohibit illicit discharges. To the extent allowable under state and local law, an ordinance or other regulatory mechanism must be utilized to prohibit and eliminate illicit discharges. Elements must include: (1) Detection The SWMP must list the techniques used for detecting illicit discharges. (2) Elimination The SWMP must include appropriate actions and, to the extent allowable under state and local law, establish enforcement procedures for removing the source of an illicit discharge.	5 12 13 14 16 17 18	Storm Drain Marking Storm Water Reporting Line Bulk Waste Cleanup Household Hazardous Waste Collection Illicit Detection and Elimination Ordinance Illicit Discharge Inspections Sanitary Sewer Line Maintenance and Inspection

Storm Water Management Program BMPs By Permit Requirement

Illicit Discharge Detection and Elimination System Requirements	**BMP ID**	**BMP Name**
(b) Allowable Non-Storm Water Discharges Non-storm water flows listed in Part II.B and Part VI.B. do not need to be considered by the MS4 operator as an illicit discharge requiring elimination unless the operator of the small MS4 or the executive director identifies the flow as a significant source of pollutants to the small MS4. In lieu of considering non-storm water sources on a case-by-case basis, the MS4 operator may develop a list of common and incidental non-storm water discharges that will not be addressed as illicit discharges requiring elimination. If developed, the listed sources must not be reasonably expected to be significant sources of pollutants either because of the nature of the discharge or the conditions that are established by the MS4 operator prior to accepting the discharge to the small MS4. If this list is developed, then all local controls and conditions established for these listed discharges must be described in the SWMP and any changes to the SWMP must be included in the annual report described in Part IV.B.2. of this general permit, and must meet the requirements of Part II.D.3. of the general permit.	16 17 18	Illicit Detection and Elimination Ordinance Illicit Discharge Inspections Sanitary Sewer Line Maintenance and Inspection
(c) Storm Sewer Map (1) A map of the storm sewer system must be developed and must include the following: (i) the location of all outfalls; (ii) the names and locations of all waters of the U.S. that receive discharges from the outfalls; and (iii) any additional information needed by the permittee to implement its SWMP. (2) The SWMP must include the source of information used to develop the storm sewer map, including how the outfalls were verified and how the map will be regularly updated.	15	Storm Sewer System Map

Storm Water Management Program BMPs By Permit Requirement

Construction Site Runoff Control Requirements	BMP ID	BMP Name
The MS4 operator, to the extent allowable under State and local law, must develop, implement, and enforce a program to reduce pollutants in any storm water runoff to the small MS4 from construction activities that result in a land disturbance of greater than or equal to one acre or if that construction activity is part of a larger common plan of development or sale that would disturb one acre or more of land. The MS4 operator is not required to develop, implement, and/or enforce a program to reduce pollutant discharges from sites where the construction site operator has obtained a waiver from permit requirements under NPDES or TPDES construction permitting requirements based on a low potential for erosion.		
(a) The program must include the development and implementation of, at a minimum, an ordinance or other regulatory mechanism to require erosion and sediment controls, as well as sanctions to ensure compliance, to the extent allowable under State and local law.	19	Erosion Control Ordinance
(b) Requirements for construction site contractors to, at a minimum: (1) implement appropriate erosion and sediment control best management practices; and (2) control waste such as discarded building materials, concrete truck washout water, chemicals, litter, and sanitary waste at the construction site that may cause adverse impacts to water quality;	10 19	Developer/ Builder/ Engineering Education and Training Erosion Control Ordinance
(c) The MS4 operator must develop procedures for: (1) site plan review which incorporate consideration of potential water quality impacts; (2) receipt and consideration of information submitted by the public; and (3) site inspection and enforcement of control measures to the extent allowable under state and local law.	9 20 21 22	City Inspector Training Construction Site Plan Review Construction Site Inspection and Enforcement Public Comments on Construction Plans

Storm Water Management Program BMPs By Permit Requirement

Post-Construction Storm Water Management in New Development and Redevelopment	**BMP ID**	**BMP Name**
To the extent allowable under state and local law, the MS4 operator must develop, implement, and enforce a program to address storm water runoff from new development and redevelopment projects that disturb greater than or equal to one acre of land, including projects less than one acre that are part of a larger common plan of development or sale that will result in disturbance of one or more acres, that discharge into the small MS4. The program must ensure that controls are in place that would prevent or minimize water quality impacts. The permittee shall:		
(a) Develop and implement strategies which include a combination of structural and/or non-structural BMPs appropriate for your community;	10 24	Developer/ Builder/ Engineering Education and Training Land Use Plan
(b) Use an ordinance or other regulatory mechanism to address post-construction runoff from new development and redevelopment projects to the extent allowable under state and local law; and	23	Post-Construction Runoff Ordinance
(c) Ensure adequate long-term operation and maintenance of BMPs.	10 19 23 30	Developer/ Builder/ Engineering Education and Training Erosion Control Ordinance Post-Construction Runoff Ordinance Structural BMP Inspection and Maintenance

Storm Water Management Program BMPs By Permit Requirement

Pollution Prevention/Good Housekeeping for Municipal Operations Requirements	**BMP ID**	**BMP Name**
A section within the SWMP must be developed to establish an operation and maintenance program, including an employee training component that has the ultimate goal of preventing or reducing pollutant runoff from municipal operations.		
(a) Good Housekeeping and Best Management Practices Housekeeping measures and BMPs (which may include new or existing structural or non-structural controls) must be identified and either continued or implemented with the goal of preventing or reducing pollutant runoff from municipal operations. Examples of municipal operations and municipally owned areas include, but are not limited to: (1) park and open space maintenance; (2) street, road, or highway maintenance; (3) fleet and building maintenance; (4) storm water system maintenance; (5) new construction and land disturbances. (6) municipal parking lots; (7) vehicle and equipment maintenance and storage yards; (8) waste transfer stations; and (9) salt/sand storage locations.	9 25 26 27 29 30 31	City Inspector Training Spill Response Street Sweeping Storm Sewer System Maintenance and Cleaning Chemical Applications and Materials Management Structural BMP Inspection and Maintenance Municipal Operations and Industrial Activity

Storm Water Management Program BMPs By Permit Requirement

Pollution Prevention/Good Housekeeping for Municipal Operations Requirements	BMP ID	BMP Name
(b) Training A training program must be developed for all employees responsible for municipal operations subject to the pollution prevention/good housekeeping program. The training program must include training materials directed at preventing and reducing storm water pollution from municipal operations. Materials may be developed, or obtained from EPA, states or other organizations and sources. Examples or descriptions of training materials being used must be included in the SWMP.	9 29 31 32	City Inspector Training Chemical Applications and Materials Management Municipal Operations and Industrial Activity Employee Training
(c) Structural Control Maintenance If best management practices include structural controls, maintenance of the controls must be performed at a frequency determined by the MS4 operator and consistent with maintaining the effectiveness of the BMP. The SWMP must list all of the following: (1) maintenance activities; (2) maintenance schedules; and (3) long-term inspection procedures for controls used to reduce floatables and other pollutants.	30	Structural BMP Inspection and Maintenance
(d) Disposal of Waste Waste removed from the small MS4 and waste that is collected as a result of maintenance of storm water structural controls must be properly disposed. A section within the SWMP must be developed to include procedures for the proper disposal of waste, including: (1) dredge spoil; (2) accumulated sediments; and (3) floatables.	25 26 28	Spill Response Street Sweeping Disposal of Collected Storm Water System Waste

Storm Water Management Program BMPs By Permit Requirement

Pollution Prevention/Good Housekeeping for Municipal Operations Requirements	**BMP ID**	**BMP Name**
(e) Municipal Operations and Industrial Activities The SWMP must include a list of all: (1) municipal operations that are subject to the operation, maintenance, or training program developed under the conditions of this section; and (2) municipally owned or operated industrial activities that are subject to TPDES industrial storm water regulations.	31	Municipal Operations and Industrial Activity

Appendix C

BMPs by City Department Responsibility

Utilities Department

List of BMPs for Phase II MS4
Storm Water Management Program

Name of BMP	BMP Number
Utility Bill Insert	BMP 1
Classroom Presentation	BMP 3
City Inspector Training	BMP 9
Sanitary Sewer Line Maintenance and Inspection	BMP 18
Construction Site Inspection and Enforcement	BMP 21
Chemical Applications and Materials Management	BMP 29
Municipal Operations and Industrial Activity	BMP 31

Keep McAllen Beautiful

List of BMPs for Phase II MS4
Storm Water Management Program

Name of BMP	BMP Number
Utility Bill Insert	BMP 1
Classroom Presentation	BMP 3
Storm Drain Marking	BMP 4
Storm Water Video	BMP 5
Bulk Waste Cleanup	BMP 13

Engineering

List of BMPs for Phase II MS4
Storm Water Management Program

Name of BMP	BMP Number
Utility Bill Insert	BMP 1
Storm Water Website	BMP 2
Classroom Presentation	BMP 3
Storm Drain Marking	BMP 4
Storm Water Video	BMP 5
General Education of City Employees	BMP 6
Education of Elected Officials and the Public	BMP 7
Business, Commercial, and Industrial Education	BMP 8
City Inspector Training	BMP 9
Developer/ Builder/ Engineer Education and Training	BMP 10
Storm Water Community Meetings	BMP 11
Storm Water Reporting Line	BMP 12
Storm Sewer System Map	BMP 15
Illicit Discharge Detection and Elimination Ordinance	BMP 16
Illicit Discharge Inspections	BMP 17
Erosion Control Ordinance	BMP 19
Construction Site Plan Review	BMP 20
Construction Site Inspection and Enforcement	BMP 21
Public Comments on Construction Plans	BMP 22
Post- Construction Runoff Ordinance	BMP 23
Chemical Applications and Materials Management	BMP 29
Structural BMP Inspection and Maintenance	BMP 30
Municipal Operations and Industrial Activity	BMP 31

Public Works

List of BMPs for Phase II MS4
Storm Water Management Program

Name of BMP	BMP Number
Storm Water Website	BMP 2
Classroom Presentation	BMP 3
Storm Drain Marking	BMP 4
General Education of City Employees	BMP 6
Business, Commercial, and Industrial Education	BMP 8
Storm Water Community Meetings	BMP 11
Storm Water Reporting Line	BMP 12
Bulk Waste Cleanup	BMP 13
Household Hazardous Waste Collection	BMP 14
Illicit Discharge Detection and Elimination Ordinance	BMP 16
Illicit Discharge Inspections	BMP 17
Spill Response	BMP 25
Street Sweeping	BMP 26
Storm Sewer System Maintenance and Cleaning	BMP 27
Disposal of Collected Storm Sewer System Waste	BMP 28
Chemical Applications and Materials Management	BMP 29
Structural BMP Inspection and Maintenance	BMP 30
Municipal Operations and Industrial Activity	BMP 31

Information Technology

List of BMPs for Phase II MS4
Storm Water Management Program

Name of BMP	BMP Number
Storm Water Website	BMP 2
Storm Water Reporting Line	BMP 12

Parks

List of BMPs for Phase II MS4
Storm Water Management Program

Name of BMP	BMP Number
Chemical Applications and Materials Management	BMP 29
Structural BMP Inspection and Maintenance	BMP 30
Municipal Operations and Industrial Activity	BMP 31

Airport

List of BMPs for Phase II MS4
Storm Water Management Program

Name of BMP	BMP Number
Municipal Operations and Industrial Activity	BMP 31

Recycling

List of BMPs for Phase II MS4
Storm Water Management Program

Name of BMP	BMP Number
Storm Water Video	BMP 5

Planning

List of BMPs for Phase II MS4
Storm Water Management Program

Name of BMP	BMP Number
Land Use Plan	BMP 24

Health Department

List of BMPs for Phase II MS4
Storm Water Management Program

Name of BMP	BMP Number
Illicit Discharge Inspections	BMP 17
Sanitary Sewer Line Maintenance and Inspection	BMP 18

Fire Department

List of BMPs for Phase II MS4
Storm Water Management Program

Name of BMP	BMP Number
Spill Response	BMP 25
Chemical Applications and Materials Management	BMP 29

Building Inspections

List of BMPs for Phase II MS4
Storm Water Management Program

Name of BMP	BMP Number
City Inspector Training	BMP 9
Construction Site Inspection and Enforcement	BMP 21

Golf Course

List of BMPs for Phase II MS4
Storm Water Management Program

Name of BMP	BMP Number
Municipal Operations and Industrial Activity	BMP 31

Appendix D

Individual BMP Descriptions

BMP 1 Utility Bill Insert / Educational Flyer

Description

Distribute educational material to residents via utility bill inserts. The inserts will include storm water education in general per the TCEQ general permit guidelines. Various inserts will also include information specifically relating to fertilizer, herbicide, and pesticide usage, proper disposal of household hazardous waste and oils, and other educational and participatory opportunities.

Recordkeeping

FY 2007 - 2008

- Develop an outline of the information to be communicated over a 5-year period.
- Identify budget requirements for BMP.
- Document the outline and the budget requirements.

FY 2008 - 2012

- Distribute educational information as a utility bill insert one time per year.
- Document the amount of information distributed.
- Document audience intended to be reached with estimate of % reached.

Storm Water Management Plan

If you have any questions or need any additional information about how to meet this BMP requirement, please contact Engineering Department at (956) 681-1150.

BMP 2 Storm Water Web Site

Description

Develop storm water-related content for the City's web site. The web site will include storm water education information. The web site will provide specific information regarding the City's TPDES Phase II program, educational and participatory opportunities, and links to other local, state, and national storm water-related web sites.

Recordkeeping

FY 2007 - 2008

- Develop storm water website concept.
- Identify budget requirements.
- Document the concept and the budget requirements.

FY 2008 - 2009

- Develop storm water-related content on the City's web site with information, links, and references for additional information.
- Establish and maintain an accessible website.
- Document audience intended to be reached with estimate of % reached.

FY 2009 - 2012

- Revise and update the storm water website as needed.
- Solicit input and feedback from the public for storm water quality issues and opportunities in the City.
- Maintain an accessible website.
- Document audience intended to be reached with estimate of % reached.
- Document input received from the public through the website.

Storm Water Management Plan

If you have any questions or need any additional information about how to meet this BMP requirement, please contact Engineering Department at (956) 681-1150.

BMP 3 Classroom Education

Description

Provide classroom education and curriculum materials to the School District. Materials and curriculum will be assessed and selected from existing, readily available programs, and through discussions with the School District staff.

Recordkeeping

FY 2007 - 2008

- Coordinate with the School District to determine feasibility of providing storm water education materials.
- Identify budget requirements and resource needs.
- Document the budget requirements.

FY 2008 - 2012

- Provide storm water education material as determined by coordination meetings with the School District.
- Document the amount of materials provided.
- Document the target age group for education.

Storm Water Management Plan

If you have any questions or need any additional information about how to meet this BMP requirement, please contact Engineering Department at (956) 681-1150.

BMP 4 Storm Drain Marking

Description

Utilize volunteer effort to place storm drain markers on local storm drains in an effort to increase awareness and to prevent dumping into the storm drain system. Solicit assistance from the public to place storm drain markers.

Recordkeeping

FY 2007 - 2008

- No activity scheduled.

FY 2008 - 2009

- Develop schedule to inventory and mark storm drain inlets in the City over the permit term with volunteer participation.
- Identify budget requirements to acquire drain markers, as well as recruit and coordinate volunteers.
- Research types of stenciling or placarding cost and availability.
- Document the budget requirements and inventory of inlets started.

FY 2009 - 2012

- Track the location of placed markers and use of volunteer effort.
- Document the marked storm drain inlets.
- Document volunteer involvement.

Storm Water Management Plan

If you have any questions or need any additional information about how to meet this BMP requirement, please contact Engineering Department at (956) 681-1150.

BMP 5 Storm Water Video

Description

Acquire or develop storm water-related videos for display on McAllen's Cable Network channel. Make copies of videos available for viewing or checkout at the public library. Utilize the video in conjunction with BMP 3 (Classroom Education) and make available to the School District for use in classroom education.

Recordkeeping

FY 2007 - 2008

- Begin acquisition or development of a storm water education video.
- Identify budget requirements to acquire or develop video(s).
- Develop schedule for number and airtimes of video presentations on public access channel.
- Document the budget requirements.

FY 2008 - 2012

- Air storm water educational video(s) on the City's public access channel.
- Make video(s) available at public library.
- Document the frequency of airing the educational video.

Storm Water Management Plan

If you have any questions or need any additional information about how to meet this BMP requirement, please contact Engineering Department at (956) 681-1150.

BMP 6 General Education of City Employees

Description

City employees will receive storm water education on general storm water protection topics. Employees with job responsibilities with potential storm water impacts will receive additional job-specific training, as appropriate, for storm water protection.

Recordkeeping

FY 2007 - 2008

- No activity scheduled.

FY 2008 - 2009

- Identify and research available storm water educational material for public employees.
- Determine methods to provide education to employees.
- Identify budget requirements to conduct research, acquire existing educational material, and develop additional material, as necessary.
- Document the budget requirements.

FY 2009- 2012

- Provide educational information to public employees.
- Document the amount of materials provided.
- Document the public service employees that education materials were distributed to.

Storm Water Management Plan

If you have any questions or need any additional information about how to meet this BMP requirement, please contact Engineering Department at (956) 681-1150.

BMP 7 Education of Elected Officials and the Public

Description

City elected officials and the public will receive storm water education on general storm water topics, as well as an overview of the Phase II MS4 permit requirements.

Recordkeeping

FY 2007 - 2008

- No activity scheduled.

FY 2008 - 2012

- Provide overview of Phase II MS4 permit requirements and annual updates of implementation progress.
- Conduct a minimum of 1 public meeting per year.
- Document the number of meetings per year.

Storm Water Management Plan

If you have any questions or need any additional information about how to meet this BMP requirement, please contact Engineering Department at (956) 681-1150.

BMP 8 Business, Commercial and Industrial Education

Description

Develop a partnership program for providing educational material to McAllen's businesses, including commercial and industrial facilities.

Recordkeeping

FY 2007 - 2008

- No activity scheduled.

FY 2008 - 2009

- Identify methods of communication about storm water issues with local businesses, such as through mailers, the Chamber of Commerce, etc.
- Identify budget requirements and appropriate approaches to effectively educate businesses about their potential storm water impacts and methods to minimize storm water pollution.
- Document the budget requirements.

2009 - 2012

- Distribute educational information to local businesses a minimum of one time by the method(s) determined in Year 2.
- Solicit feedback once per year and revise program if appropriate.
- Document the number of businesses receiving educational information.
- Document the feedback.

Storm Water Management Plan

If you have any questions or need any additional information about how to meet this BMP requirement, please contact Engineering Department at (956) 681-1150.

BMP 9 City Inspector Training

Description

Continue to train City construction site inspectors for erosion control protection.

Recordkeeping

FY 2007 - 2008

- No activity scheduled.

FY 2008 - 2009

- Evaluate existing site inspection training program and determine the need for additional training or a formalized erosion control inspection program.
- Identify a program to track and document the training of individual inspectors.
- Identify budget requirements for the inspector training program.
- Document the number of individuals trained.

FY 2009 - 2012

- Provide appropriate construction site erosion control training to inspection personnel at least once every three years.
- Provide appropriate training for new City inspectors prior to them conducting unassisted construction site erosion control inspections.
- Document the number of individuals trained.

Storm Water Management Plan

If you have any questions or need any additional information about how to meet this BMP requirement, please contact Engineering Department at (956) 681-1150.

BMP 10 Developer/Builder/Engineer Education and Training

Description

Provide educational material to the development community and encourage training opportunities about methods to minimize the impact of construction activity on storm water quality.

Recordkeeping

FY 2007 - 2008

- Develop an information packet specific to storm water protection measures for developers, builders, and engineers to be distributed upon request and for new construction projects.
- Develop an information packet.

FY 2008 - 2012

- Provide construction site erosion control educational material and/or training opportunity at least once per year for builders, developers, and engineers that are active in McAllen.
- Require documentation of training for on-site construction personnel with erosion control responsibilities.
- Document the type, amount, and methods of educational material distributed to the development community.
- Document the method of training for “qualified inspectors” of erosion control devices at construction sites.

Storm Water Management Plan

If you have any questions or need any additional information about how to meet this BMP requirement, please contact Engineering Department at (956) 681-1150.

BMP 11 Storm Water Community Meetings

Description

Conduct a community meeting at least once per year to educate the public about storm water pollution.

Recordkeeping

FY 2007 - 2008

- No activity scheduled.

FY 2008 - 2009

- Develop a four year plan to conduct storm water community meetings.
- Document the four year plan.

FY 2009 - 2012

- Conduct a minimum of one community meeting per year.
- Document the estimated number of community participants.

Storm Water Management Plan

If you have any questions or need any additional information about how to meet this BMP requirement, please contact Engineering Department at (956) 681-1150.

BMP 12 Storm Water Reporting Line

Description

Develop and advertise a storm water reporting line to solicit information related to illicit discharges and illegal dumping, complaints, and general comments regarding McAllen's storm water management program.

Recordkeeping

FY 2007 - 2008

- Develop concept for storm water reporting line program.
- Identify budget requirements for storm water reporting line.
- Document the budget requirements.

FY 2008 – 2009

- Identify procedures for receiving calls, routing calls to appropriate personnel for proper response, and documenting subject of call for future analysis.
- Document the procedures identified.

FY 2009 - 2010

- Establish the storm water reporting line and educate the public about its availability through various Public Education BMPs.
- Document each call and dispatch to appropriate department for proper response, as necessary.
- Document the number of calls received, nature of call, and action taken, if any.

FY 2009-2012

- Continue to educate the public about the existence of the storm water reporting line through various Public Education BMPs.
- Continue documenting each call, dispatching to appropriate department for proper response.
- Conduct annual review of calls to identify trends (i.e., repeated reports of illegal dumping in certain areas of the City), general needs for reporting line improvement, and areas requiring additional educational or enforcement effort to protect storm water quality.
- Document the number of calls received, nature of call, and action taken, if any.

Storm Water Management Plan

If you have any questions or need any additional information about how to meet this BMP requirement, please contact Engineering Department at (956) 681-1150.

BMP 13 Bulk Waste Cleanup

Description

Continue McAllen's existing volunteer trash cleanup program to reduce floatables and other debris that pollute the storm water system and receiving waters.

Recordkeeping

FY 2007 - 2008

- Continue bulk waste cleanup program four times per year.
- Evaluate opportunities, public receptiveness, and budgetary requirements for additional trash cleanup events.
- Document the number of cleanup events taken place and the amount of material collected.

FY 2008 - 2012

- Continue existing trash cleanup activities.
- Implement additional activities identified in previous year, if any.
- Document the number of cleanup events and the amount of material collected.

Storm Water Management Plan

If you have any questions or need any additional information about how to meet this BMP requirement, please contact Engineering Department at (956) 681-1150.

BMP 14 Household Hazardous Waste Collection Events

Description

Continue offering a household hazardous waste collection event a minimum of once per year as funding allows.

Recordkeeping

FY 2007 - 2008

- Prepare informational materials about proper waste disposal and make available to the public.
- Promote the TCEQ household hazardous waste events.
- Document the amount of informational materials distributed.

FY 2008 - 2012

- Promote the TCEQ household hazardous waste collection events.
- Document outreach efforts to promote TCEQ's household hazardous waste collection events.

Storm Water Management Plan

If you have any questions or need any additional information about how to meet this BMP requirement, please contact Engineering Department at (956) 681-1150.

BMP 15 Storm Sewer System Map

Description

Develop a storm sewer map in accordance with TCEQ requirements.
Update the City's storm sewer system map as needed to record new pipes/systems created by new development.

Recordkeeping

FY 2007 - 2008

- Collect any existing mapping information for the storm sewer system.
- Develop plan and budget requirements for effort necessary to identify regulated storm water outfalls and drainage areas or system features.
- Document the written plan and budget requirements.

FY 2008 - 2009

- Begin identification of regulated storm water outfalls in the City and identify the names and locations of any waters of the U.S. receiving discharges from the MS4.
- Document the percent of outfalls identified.

FY 2009 - 2010

- Complete identification of storm water outfalls in the City and the names and locations of any waters of the U.S. receiving discharges from the MS4.
- Begin developing a map of the storm water outfall drainage system of the City, and document the source of information used to develop and update the map.
- Document the percent of outfalls identified and the percent of drainage areas or system features mapped.

FY 2010– 2011

- Continue developing a map of the storm water outfall drainage system of the City.
- Document the percent mapped.

FY 2011– 2012

- Complete development of a map of the storm water outfall drainage system of the City.
- Document the percent mapped.

Storm Water Management Plan

If you have any questions or need any additional information about how to meet this BMP requirement, please contact Engineering Department at (956) 681-1150.

BMP 16 Illicit Discharge Detection and Elimination Ordinance

Description

This ordinance prohibits and requires elimination of non-storm water discharges that significantly contribute pollutants to the municipal storm sewer system.

Recordkeeping

FY 2007 - 2008

- No activity scheduled.

FY 2008 - 2009

- Evaluate existing ordinances for applicability to illegal discharge prohibition.
- Document status of existing ordinance language.

FY 2009 - 2010

- If necessary develop new illicit discharge ordinance requirements to enforce prohibition of illegal dumping of wastes into the storm sewer system.
- Enact the ordinance in the City Code of Ordinances.
- Complete the draft of the ordinance.

FY 2010 - 2011

- Enforce ordinance.
- Start inspections and distribute violation warnings.
- Document instances of enforcement and action taken to eliminate illicit discharge.

FY 2011 - 2012

- Implement a public education program to inform users about the new ordinance requirements.
- Enforce ordinance.
- Continue inspections and distribute violation warnings.
- Document instances of enforcement and action taken to eliminate illicit discharge.

Storm Water Management Plan

If you have any questions or need any additional information about how to meet this BMP requirement, please contact Engineering Department at (956) 681-1150.

BMP 17 Illicit Discharge Inspections

Description

Conduct inspections of the storm sewer system to identify the presence and sources of illicit connections and illegal dumping activities, and other unauthorized discharges that can adversely impact water quality.

Recordkeeping

FY 2007 - 2008

- No activity scheduled.

FY 2008 - 2009

- Develop plan to inspect the storm sewer system for illicit connections, illegal dumping, and dry weather discharges.
- Document the written plan.
- Outline plan for conducting inspections of Storm Sewer System.

FY 2009 - 2010

- Identify inspection staff, inspection schedule, and training procedures.
- Document the identified needs.

FY 2010 - 2011

- Train personnel in illicit discharge detection procedures.
- Begin scheduled illicit discharge inspections at the identified regulated outfalls.
- Establish procedure to eliminate detected illicit discharges.
- Identify budget requirements for illicit discharge inspections.
- Document outfalls screened, observations made, and corrective actions taken, if any.

FY 2011 - 2012

- Train personnel in illicit discharge detection procedures.
- Conduct scheduled illicit discharge inspections at regulated outfalls.
- Document outfalls screened, observations made, and corrective actions taken, if any.

Storm Water Management Plan

If you have any questions or need any additional information about how to meet this BMP requirement, please contact Engineering Department at (956) 681-1150.

BMP 18 Sanitary Sewer Line Maintenance and Inspection

Description

Conduct sanitary sewer system inspections in order to identify potential cross-connections with the City's storm sewer system.

Recordkeeping

FY 2007 – 2012

- Conduct sanitary sewer system inspections.
- Conduct grease trap inspections.
- Document the number and location of lines and grease traps inspected each year.

Storm Water Management Plan

If you have any questions or need any additional information about how to meet this BMP requirement, please contact Engineering Department at (956) 681-1150.

BMP 19 Erosion Control Ordinance

Description

Ordinance prohibiting the unauthorized discharge of polluted storm water to the MS4 from construction sites one acre or greater in size. Construction site contractors are required to implement appropriate erosion and sediment control BMPs and to control waste, such as discarded building materials, concrete truck washout water, chemicals, litter, and sanitary waste that may adversely affect storm water quality.

Recordkeeping

FY 2007 - 2008

- No activity scheduled.

FY 2008 - 2009

- Evaluate the City's existing ordinances to identify adequacy of erosion control requirements and enforcement mechanisms for construction activity that results in a land disturbance of one acre or more or include construction activity that is part of a larger common plan of development or sale that would disturb one acre or more of land.
- Identify budget requirements needed to update the ordinance.

FY 2009 - 2010

- Develop modified/updated draft ordinance, if necessary, to meet permit conditions.
- Provide draft to regulated community for review and input.

FY 2010 - 2011

- Issue final ordinance.
- Conduct education activities to inform the public about the new ordinance requirements.
- Begin education-focused enforcement of ordinance.
- Document the number of education activities and instances of enforcement and action taken to eliminate unauthorized discharges.

FY 2011 - 2012

- Enforce ordinance.
- Start inspections and distribute violation warnings.
- Document the number of education activities, instances of enforcement, and action taken to eliminate unauthorized discharges.

Storm Water Management Plan

If you have any questions or need any additional information about how to meet this BMP requirement, please contact Engineering Department at (956) 681-1150.

BMP 20 Construction Site Plan Review

Description

Procedure to review erosion control plans for construction projects that may discharge runoff to the storm sewer system.

Recordkeeping

FY 2007 - 2008

- No activity scheduled.

FY 2008 - 2009

- Review the construction site plan review process.
- Document the existing construction site plan review process with respect to storm water runoff control.

FY 2009 - 2010

- Update the construction site plan review process.
- Document number of site plans reviewed.
- Document number and nature of deficient erosion control plans.

FY 2010 – 2011

- Implement the new site review process.
- Document number of site plans reviewed.
- Document number and nature of deficient erosion control plans.

FY 2011 - 2012

- Continue implementation of the new site review process.
- Document number of site plans reviewed.
- Document number and nature of deficient erosion control plans.

Storm Water Management Plan

If you have any questions or need any additional information about how to meet this BMP requirement, please contact Engineering Department at (956) 681-1150.

BMP 21 Construction Site Inspection and Enforcement

Description

Procedures to conduct construction site inspections and maintain enforcement of control measures to protect storm water quality.

Recordkeeping

FY 2008 - 2009

- No activity scheduled.

FY 2008 - 2009

- Evaluate existing site inspection procedures for compliance with permit requirements.
- Identify modifications to the procedures needed to achieve compliance with the permit conditions.
- Identify budget requirements for erosion control site inspections, documentation, and tracking.
- Document evaluation of site inspection procedures and budget requirements.

FY 2009 - 2010

- Revise site inspection procedures, if necessary, to include documented inspection of erosion control measures.
- Educate the public about new site inspection procedures.
- Document the method of educating the public on new site inspection procedures.
- Document site inspection procedures.

FY 2010 - 2011

- Conduct erosion control site inspections.
- Document inspections, instances of enforcement activity, and reason(s) for non-compliance.
- Document the corrective action taken to protect storm water quality.

FY 2010 - 2011

- Continue to conduct erosion control site inspections.
- Document inspections, instances of enforcement activity, and reason(s) for non-compliance.
- Document the corrective action taken to protect storm water quality.

Storm Water Management Plan

If you have any questions or need any additional information about how to meet this BMP requirement, please contact Engineering Department at (956) 681-1150.

BMP 22 Public Comments on Construction Plans

Description

Develop and implement a program for the receipt and consideration of public comments regarding erosion control and for specific project-related complaints.

Recordkeeping

FY 2008 - 2009

- Evaluate the need for receiving, considering, and tracking comments from the public regarding the City's erosion control program and for specific project-related complaints.
- Document the results of the evaluation.

FY 2008 - 2009

- Develop written procedures outlining a system for receiving, considering, and tracking comments from the public regarding the City's erosion control program and for specific project-related complaints.
- Document the outlined procedures.

FY 2009 - 2010

- Develop an information program to notify the public about the new opportunity to provide comments for issues related to erosion control.
- Document the methods of educating the public.

FY 2010 - 2011

- Start implementation of public comment system.
- Document comments received and methods of educating public.

FY 2010 - 2011

- Continue implementation of public comment system.
- Document comments received and methods of educating public.

Storm Water Management Plan

If you have any questions or need any additional information about how to meet this BMP requirement, please contact Engineering Department at (956) 681-1150.

BMP 23 Post-Construction Storm Water Ordinance

Description

Review and update the City's ordinance requirements to require adequate long-term maintenance and protection of storm water quality in new and redeveloped areas.

Recordkeeping

FY 2008 - 2009

- No activity scheduled.

FY 2008 - 2009

- Review the City's existing ordinance to identify if additional language is necessary to meet the Phase II MS4 post-construction requirements to address storm water runoff from new development and redevelopment projects that disturb greater than or equal to one acre of land, including projects less than one acre that are part of a larger common plan of development or sale that will result in disturbance of one or more acres, that discharge into the City's MS4.Identify budget requirements to revise and update the ordinance to meet the permit conditions.
- Document the results of the evaluation.

FY 2009 - 2010

- Draft a revised storm water ordinance for post-construction requirements, if necessary, and make available for public review and input.
- Complete the draft post-construction storm water ordinance, and document the method for eliciting public review and input on the draft.

FY 2010 - 2011

- Issue final ordinance (if revised).
- Conduct education activities to inform the public about the new ordinance requirements.
- Begin education-focused enforcement of ordinance.
- Document the number of education activities, instances of enforcement, and action taken to eliminate unauthorized discharges.

FY 2011 - 2012

- Enforce ordinance.
- Start inspections and distribute violation warnings.
- Document the number of education activities, instances of enforcement, and action taken to eliminate unauthorized discharges.

Storm Water Management Plan

If you have any questions or need any additional information about how to meet this BMP requirement, please contact Engineering Department at (956) 681-1150.

BMP 24 Land Use Plan

Description

Consider water quality protection in the development or update of the City's land use plan and in proposed variances to zoning.

Recordkeeping

FY 2007 - 2008

- Evaluate the comprehensive plan with respect to water quality protection through acceptable land use.
- Document the evaluation of the comprehensive plan.

FY 2008 – 2009

- Evaluate the current process of assessing proposed zoning changes with respect to the water quality protection goals of the land use plan.
- Document the evaluation of process to address proposed zoning changes.

FY 2009 – 2010

- Assess proposed zoning changes in relation to the City's existing land use plan with respect to water quality protection.
- Document the number of assessed zoning change proposals.
- Document the number of assessments considered with potential water quality impacts.

FY 2010 - 2012

- Continue the existing process of assessing proposed zoning changes in relation to the City's existing land use plan.
- Document the number of assessed zoning change proposals.
- Document the number of assessments considered with potential water quality impacts.

Storm Water Management Plan

If you have any questions or need any additional information about how to meet this BMP requirement, please contact Engineering Department at (956) 681-1150.

BMP 25 Spill Response

Description

Respond to spills of chemicals or other materials in public areas of the City in a manner that remains protective of water quality to the extent safely possible.

Recordkeeping

FY 2007 - 2008

- Review existing spill response procedures to identify adequacy of measures to protect water quality.
- Continue implementation of existing spill response procedures and training through the McAllen Fire Department.
- Document spill response events.
- Document training for spill response personnel.
- Document recommended updates to spill response procedure.

FY 2008 - 2009

- Update spill response procedure to incorporate review recommendations identified in Year 1.
- Continue implementation of existing spill response procedures and training through the McAllen Fire Department.
- Document spill response events.
- Document training for spill response personnel.

FY 2009 - 2012

- Continue implementation of existing spill response procedures and training through the McAllen Fire Department.
- Document spill response events.
- Document training for spill response personnel.

Storm Water Management Plan

If you have any questions or need any additional information about how to meet this BMP requirement, please contact Engineering Department at (956) 681-1150.

BMP 26 Street Sweeping

Description

Sweep City streets to collect road debris, trash, and other wastes prior to their entry into creeks, lakes, or other water bodies.

Recordkeeping

FY 2007 - 2008

- Evaluate the street sweeping program for City streets.
- Develop schedule for street sweeping activities.
- Identify budget requirements for street sweeping program.
- Document the sweeping schedule and budget requirements.

FY 2008 – 2012

- Continue street sweeping program and implement any changes identified in the street sweeping program evaluation.
- Document schedule for street sweeping activities, volume of waste collected, and method of waste disposal.

Storm Water Management Plan

If you have any questions or need any additional information about how to meet this BMP requirement, please contact Engineering Department at (956) 681-1150.

BMP 27 Storm Sewer System Maintenance and Cleaning

Description

Remove floatables, sediment, and other debris from the storm sewer system to reduce storm water pollution and minimize drainage impediments.

Recordkeeping

FY 2007 – 2008

- No activity scheduled.

FY 2008 - 2009

- Develop a schedule to conduct visual inspections of the City's storm sewer system such as ditch maintenance, culvert and inlet cleanouts, and construction site waste. Evaluate the need for maintenance.
- Develop a system to monitor and track storm sewer maintenance activities.
- Clean system as needed in response to complaints or reported problems.
- Identify budget requirements to perform routine maintenance on the storm sewer system.
- Document the inspection schedule and budget requirements.

FY 2009- 2012

- Implement the inspection schedule.
- Perform maintenance as necessary.
- Clean system as needed in response to complaints or reported problems.
- Document areas inspected, observations made, problems reported, and maintenance performed.

Storm Water Management Plan

If you have any questions or need any additional information about how to meet this BMP requirement, please contact Engineering Department at (956) 681-1150.

BMP 28 Disposal of Collected Storm Water System Waste

Description

Dredge soil, accumulated sediment, and floatables collected through the implementation of storm sewer maintenance activities, street sweeping activities, and other routine City operations will be disposed of properly. Disposal of such materials will be tracked in conjunction with tracking efforts for the implementation of the individual BMPs.

Recordkeeping

FY 2007 - 2008

- Develop budget requirements for waste handling and disposal.
- Document budget requirements.

FY 2008 - 2009

- Identify sources of waste requiring disposal as part of storm water management program activities.
- Identify proper methods for handling and disposal of waste materials.
- Develop a procedure to evaluate waste and properly dispose according to water quality protection goals.
- Document the developed procedures for properly disposing of waste materials.

FY 2009 - 2012

- Perform proper disposal of waste materials according to the developed procedures.
- Document the proper disposal of waste materials.

Storm Water Management Plan

If you have any questions or need any additional information about how to meet this BMP requirement, please contact Engineering Department at (956) 681-1150.

BMP 29 Chemical Applications and Materials Management

Description

Develop and/or maintain chemical applications and materials management program that minimizes the impact to water quality through the proper storage, use, and disposal of chemicals and bulk materials throughout the City.

Recordkeeping

FY 2007 - 2008

- Evaluate the status of the city's chemical and materials management procedures.
- Document the results of the evaluation.

FY 2008 - 2009

- Develop plan to identify chemicals and materials used in municipal activities and the location of the stored raw materials that may contribute to storm water pollution.
- Continue to provide and document refresher training for chemical applicators in accordance with industry guidelines.
- Document the number of individuals trained and the number of licensed chemical applicators on staff.
- Document plan to identify existing chemical and materials management activities.

FY 2009 - 2010

- Identify chemicals and materials used in municipal activities and the location of the stored chemicals and materials that may contribute to storm water pollution.
- Develop a chemical and materials management program to address the identified chemicals and materials that may contribute to storm water pollution.
- Continue to provide and document refresher training for chemical applicators in accordance with industry guidelines.
- Document the number of individuals trained and the number of licensed chemical applicators on staff.
- Document the developed chemical and materials management program.

FY 2010- 2011

- Begin implementation of McAllen's chemical and materials management program, and evaluate effectiveness of current program.
- Continue to provide and document refresher training for chemical applicators in accordance with industry guidelines.
- Document the number of individuals trained and the number of licensed chemical applicators on staff.
- Document the results of the evaluation on the chemical and materials management program.

FY 2011- 2012

- Continue implementation of McAllen's existing chemical and materials management program, and implement any changes based on prior year's evaluation.
- Continue to provide and document refresher training for chemical applicators in accordance with industry guidelines.
- Document the number of individuals trained and the number of licensed chemical applicators on staff.
- Document the results of the evaluation on the chemical and materials management program

Storm Water Management Plan

If you have any questions or need any additional information about how to meet this BMP requirement, please contact Engineering Department at (956) 681-1150.

BMP 30 Structural BMP Inspection and Maintenance

Description

Perform routine and non-routine inspections and maintenance of the structural BMPs throughout the City relating to storm water quality.

Recordkeeping

FY 2007 - 2008

- Evaluate the need for a BMP inspection and maintenance program.
- Document the results of the evaluation.

FY 2008 - 2009

- Develop the BMP inspection and maintenance program.
- Evaluate effectiveness of existing detention ponds to protect water quality.
- Document the schedule for implementing the developed program.
- Document the results of the evaluation.

FY 2009 - 2010

- Begin implementation of routine and non-routine inspections and maintenance of the structural BMPs throughout the City according to the approved program.
- Continue evaluating the effectiveness of existing detention ponds to protect water quality.
- Document the number of inspections and their findings.

FY 2010 - 2012

- Continue implementation of routine and non-routine inspections and maintenance of the structural BMPs throughout the City according to the approved program.
- Continue evaluating the effectiveness of existing detention ponds to protect water quality.
- Document the number of inspections and their findings.

Storm Water Management Plan

If you have any questions or need any additional information about how to meet this BMP requirement, please contact Engineering Department at (956) 681-1150.

BMP 31 Municipal Operations and Industrial Activity

Description

General evaluation of the municipal operations that have a potential to adversely impact storm water quality.

Recordkeeping

FY 2007 - 2008

- Develop a plan to evaluate municipal operations with the potential to impact storm water quality. Identify the budget requirements to conduct assessments of the municipal operations.
- Document the budget requirements.

FY 2008 - 2009

- Begin assessments of selected municipal operations and develop recommendations for BMPs.
- Identify budget requirements to implement recommended modifications.
- Document scope and findings of assessments.
- Document recommended modifications to facilities to address findings.
- Document budget requirements.

FY 2009 – 2010

- Continue assessments of selected municipal operations and develop recommendations for BMPs.
- Begin implementation of the BMPs for facilities evaluated in prior years.
- Document scope and findings of assessments.
- Document recommended modifications to facilities to address findings.
- Document modifications implemented based on Year 2 facility assessments.

FY 2010 – 2012

- Continue the implementation of the BMPs identified through municipal operations assessments.
- Document modifications implemented based on Year 2 facility assessments.

Storm Water Management Plan

If you have any questions or need any additional information about how to meet this BMP requirement, please contact Engineering Department at (956) 681-1150.

Appendix E

Blank BMP Annual Report Forms

Best Management Practice Form
Annual Report

BMP:_____ **BMP ID:**_____

Permit reporting period:

Date:_____

Department:_____

Department Contact:_____

Measurable goals for report period:

Were actual activities toward measurable goals different from scheduled goals/activities?
_____Yes _____No

If yes, document purpose and nature of alteration in measurable goals:

Next permit reporting period:_____

Measurable goals for reporting period:

Have measurable goals for the next reporting period (or later) been modified?
_____Yes _____No

If yes, document purpose and nature of alteration in measurable goals:

Attach supporting documentation that demonstrates compliance with the measurable goals for this BMP. Examples of documentation include inspection reports, maintenance records, call logs, and other related information. See the appropriate reporting period for the BMP's measurable goal for assistance determining the proper supporting documentation.

Appendix F

Storm Water Permit Authorization for City-Owned Facilities

Municipally Owned Industrial Activities
Subject To TPDES Industrial Storm Water Regulations

The City of McAllen has had an industrial storm water permit for the following facilities;

North Waste Water Treatment Plant (TXR05R070), located at 2100 W. Sprague Street, McAllen, TX 78504.

South Waste Water Treatment Plant (TXR08R003), located at 4100 Idela Ave, McAllen, TX 787503.

Miller International Airport (TXR05N375), located at 2500 S Bicentennial Blvd, McAllen, TX 78503.

Appendix G

TPDES Phase II MS4 General Permit

TCEQ Docket No. 2006-0428-WQ
TPDES GENERAL PERMIT
No. TXR040000

This is a new general permit issued pursuant to Section 26.040 of the Texas Water Code and Section 402 of the Clean Water Act.

Texas Commission on Environmental Quality
P.O. Box 13087
Austin, TX 78711-3087

GENERAL PERMIT TO DISCHARGE UNDER THE
TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM
under provisions of
Section 402 of the Clean Water Act
and Chapter 26 of the Texas Water Code

Small Municipal Separate Storm Sewer Systems

located in the state of Texas

may discharge directly to surface water in the state

only according to monitoring requirements and other conditions set forth in this general permit, as well as the rules of the Texas Commission on Environmental Quality (TCEQ or Commission), the laws of the State of Texas, and other orders of the Commission of the TCEQ. The issuance of this general permit does not grant to the permittee the right to use private or public property for conveyance of storm water and certain non-storm water discharges along the discharge route. This includes property belonging to but not limited to any individual, partnership, corporation or other entity. Neither does this general permit authorize any invasion of personal rights nor any violation of federal, state, or local laws or regulations. It is the responsibility of the permittee to acquire property rights as may be necessary to use the discharge route.

This general permit and the authorization contained herein shall expire at midnight five years after the date of issuance.

ISSUED AND EFFECTIVE DATE: AUG 13 2007

Kathleen H White
For the Commission

TCEQ GENERAL PERMIT NUMBER TXR040000
RELATING TO STORM WATER DISCHARGES ASSOCIATED WITH
SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS

Table of Contents

Part I. Definitions and Terminology

A. Definitions

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

Classified Segment - refers to a water body that is listed and described in Appendix A or Appendix C of the Texas Surface Water Quality Standards, at 30 TAC § 307.10.

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

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

Construction Site Operator - The person or persons associated with a small or large construction project that meets either of the following two criteria:

(a) the person or persons that have operational control over construction plans and specifications (including approval of revisions) to the extent necessary to meet the requirements and conditions of this general permit; or

(b) the person or persons that have day-to-day operational control of those activities at a construction site that are necessary to ensure compliance with a storm water pollution prevention plan for the site or other permit conditions (e.g. they are authorized to direct workers at a site to carry out activities required by the Storm Water Pollution Prevention Plan or comply with other permit conditions).

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

Daily Maximum - For the purposes of compliance with the numeric effluent limitations contained in this permit, this is the maximum concentration measured on a single day, by grab sample, within a period of one calendar year.

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

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

(a) All soil disturbing activities at the site have been completed and a uniform (e.g, evenly distributed, without large bare areas) perennial vegetative cover with a density of 70% of the native background vegetative cover for the area has been established on all unpaved areas and areas not covered by permanent structures, or equivalent permanent stabilization measures (such as the use of riprap, gabions, or geotextiles) have been employed.

(b) For individual lots in a residential construction site by either:

(1) the homebuilder completing final stabilization as specified in condition (a) above; or

(2) the homebuilder establishing temporary stabilization for an individual lot prior to the time of transfer of the ownership of the home to the buyer and after informing the homeowner of the need for, and benefits of, final stabilization.

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

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

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

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

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

Industrial Activities - manufacturing, processing, material storage, and waste material disposal areas (and similar areas where storm water can contact industrial pollutants related to the industrial activity) at an industrial facility described by the TPDES Multi Sector General Permit, TXR050000, or by another TCEQ or TPDES permit.

Large Construction Activity - Construction activities including clearing, grading, and excavating that result in land disturbance of equal to or greater than five (5) acres of land. Large construction activity also includes the disturbance of less than five (5) acres of total land area that is part of a larger common plan of development or sale if the larger common plan will ultimately disturb equal to or greater than five (5) acres of land. Large construction activity does not include routine maintenance that is performed to maintain the original line and grade, hydraulic capacity, and original purpose of a ditch, channel, or other similar storm water conveyance. Large construction activity does not include the routine grading of existing dirt roads, asphalt overlays of existing roads, the routine clearing of existing right-of-ways, and similar maintenance activities.

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

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

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

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

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

Outfall - For the purpose of this permit, a point source at the point where a municipal separate storm sewer discharges to waters of the United States (U.S.) and does not include open conveyances connecting two municipal separate storm sewers, or pipes, tunnels, or other conveyances that connect segments of the same stream or other waters of the U.S. and are used to convey waters of the U.S.

Permittee - The MS4 operator authorized under this general permit.

Permitting Authority - For the purposes of this general permit, the TCEQ.

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

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

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

Small Construction Activity - Construction activities including clearing, grading, and excavating that result in land disturbance of equal to or greater than one (1) acre and less than five (5) acres of land. Small construction activity also includes the disturbance of less than one (1) acre of total land area that is part of a larger common plan of development or sale if the larger common plan will ultimately disturb equal to or greater than one (1) and less than five (5) acres of land. Small construction activity does not include routine maintenance that is performed to maintain the original line and grade, hydraulic capacity, and original purpose of a ditch, channel, or other similar storm water conveyance. Small construction activity does not include the routine grading of existing dirt roads, asphalt overlays of existing roads, the routine clearing of existing right-of-ways, and similar maintenance activities.

Small Municipal Separate Storm Sewer System (MS4) – refers to a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains): (i) Owned or operated by the United States, a state, city, town, borough, county, district, association, or other public body (created by or pursuant to State law) having jurisdiction over disposal of sewage, industrial wastes, storm water, or other wastes, including special districts under State law such as a sewer district, flood control district or drainage district, or similar entity, or an Indian tribe or an authorized Indian tribal organization, or a designated and approved management agency under § 208 of the CWA; (ii) Designed or used for collecting or conveying storm water; (iii) Which is not a combined sewer; (iv) Which is not part of a publicly owned treatment works (POTW) as defined at 40 CFR § 122.2; and (v) Which was not previously authorized under a NPDES or TPDES individual permit as a medium or large municipal separate storm sewer system, as defined at 40 CFR §§122.26(b)(4) and (b)(7). This term includes systems similar to separate storm sewer systems at military bases, large hospital or prison complexes, and highways and other thoroughfares. This term does not include separate storm sewers in very discrete areas, such as individual buildings. For the purpose of this permit, a very discrete system also includes storm drains associated with certain municipal offices and education facilities serving a nonresidential population, where those storm drains do not function as a system, and where the buildings are not physically interconnected to an MS4 that is also operated by that public entity.

Storm Water and Storm Water Runoff - Rainfall runoff, snow melt runoff, and surface runoff and drainage.

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

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

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

gabions, and temporary or permanent sediment basins.

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

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

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

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

(a) all waters which are currently used, were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide;

(b) all interstate waters, including interstate wetlands;

(c) all other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds that the use, degradation, or destruction of which would affect or could affect interstate or foreign commerce including any such waters:

  (1) which are or could be used by interstate or foreign travelers for recreational or other purposes;

  (2) from which fish or shellfish are or could be taken and sold in interstate or foreign commerce; or

  (3) which are used or could be used for industrial purposes by industries in interstate commerce;

(d) all impoundments of waters otherwise defined as waters of the United States under this definition;

(e) tributaries of waters identified in paragraphs (a) through (d) of this definition;

(f) the territorial sea; and

(g) wetlands adjacent to waters (other than waters that are themselves wetlands) identified in paragraphs (a) through (f) of this definition.

Waste treatment systems, including treatment ponds or lagoons designed to meet the requirements of CWA (other than cooling ponds as defined in 40 CFR § 423.11(m) which also meet the criteria of this definition) are not waters of the United States. This exclusion applies only to manmade bodies of water which neither were originally created in waters of the United States (such as disposal area in wetlands) nor resulted from the impoundment of waters of the United States. Waters of the United States do not include prior converted cropland. Notwithstanding the determination of an area's status as prior converted cropland by any other federal agency, for the purposes of the Clean Water Act, the final authority regarding Clean Water Act jurisdiction remains with EPA.

B. Commonly Used Acronyms

BMP	Best Management Practice
CFR	Code of Federal Regulations
CGP	Construction General Permit, TXR150000
CWA	Clean Water Act
DMR	Discharge Monitoring Report
EPA	Environmental Protection Agency
FR	Federal Register
IP	Implementation Procedures
MCM	Minimum Control Measure
MSGP	Multi-Sector General Permit, TXR050000
MS4	Municipal Separate Storm Sewer System
NOC	Notice of Change
NOD	Notice of Deficiency
NOI	Notice of Intent
NOT	Notice of Termination (to terminate coverage under a general permit)
NPDES	National Pollutant Discharge Elimination System
SWMP	Storm Water Management Program

SWP3, SWPPP	Storm Water Pollution Prevention Plan
TAC	Texas Administrative Code
TCEQ	Texas Commission on Environmental Quality
TPDES	Texas Pollutant Discharge Elimination System
TWC	Texas Water Code

Part II. Permit Applicability and Coverage

This general permit provides authorization for storm water and certain non-storm water discharges from small municipal separate storm sewer systems (MS4) to surface water in the state. The general permit contains requirements applicable to all small MS4s that are eligible for coverage under this general permit.

A. Small MS4s Eligible for Authorization by General Permit

1. Small MS4s Located in an Urbanized Area

   A small MS4 that is fully or partially located within an urbanized area, as determined by the 2000 Decennial Census by the U.S. Bureau of Census, must obtain authorization for the discharge of storm water runoff and is eligible for coverage under this general permit.

2. Designated Small MS4s

   A small MS4 that is outside an urbanized area that is "designated" by TCEQ based on evaluation criteria as required by 40 CFR § 122.32(a)(2) or 40 CFR § 122.26(a)(1)(v) and adopted by reference in Title 30, Texas Administrative Code (TAC), § 281.25, is eligible for coverage under this general permit. Following designation, operators of small MS4s must obtain authorization under this general permit or apply for coverage under an individual TPDES storm water permit within 180 days of notification of their designation.

The portion of the small MS4 that is required to meet the conditions of this general permit are those portions that are located within the urbanized area, as well as any portion of the small MS4 that is designated.

B. Allowable Non-Storm Water Discharges

The following non-storm water sources may be discharged from the small MS4 and are not required to be addressed in the small MS4's Illicit Discharge and Detection or other minimum control measures, unless they are determined by the permittee or the TCEQ to be significant contributors of pollutants to the small MS4:

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 ground waters and springs;

6. uncontaminated ground water infiltration;

7. uncontaminated pumped ground water;

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. dechlorinated swimming pool discharges;

14. street wash water;

15. discharges or flows from fire fighting activities (fire fighting activities do not include washing of trucks, run-off water from training activities, test water from fire suppression systems, and similar activities);

16. other allowable non-storm water discharges listed in 40 CFR § 122.26(d)(2)(iv)(B)(1);

17. non-storm water discharges that are specifically listed in the TPDES Multi Sector General Permit (MSGP) or the TPDES Construction General permit (CGP); and

18. other similar occasional incidental non-storm water discharges, unless the TCEQ develops permits or regulations addressing these discharges.

C. Limitations on Permit Coverage

1. Discharges Authorized by Another TPDES Permit

Discharges authorized by an individual or other general TPDES permit may be authorized under this TPDES general permit only if the following conditions are met:

(a) the discharges meet the applicability and eligibility requirements for coverage under this general permit;

(b) a previous application or permit for the discharges has not been denied, terminated, or revoked by the executive director as a result of enforcement or water quality related concerns. The executive director may provide a waiver to this provision based on new circumstances at the regulated small MS4; and

(c) the executive director has not determined that continued coverage under an individual permit is required based on consideration of an approved total maximum daily loading (TMDL) model and implementation plan, anti-backsliding policy, history of substantive non-compliance or other 30 TAC Chapter 205 considerations and requirements, or other site-specific considerations.

2. Discharges of Storm Water Mixed with Non-Storm Water

Storm water discharges that combine with sources of non-storm water are not eligible for coverage by this general permit, unless either the non-storm water source is described in Part II.B or Part VI.B. of this general permit or the non-storm water source is authorized under a separate TPDES permit.

3. Compliance with Water Quality Standards

Discharges to surface water in the state that would cause or contribute to a violation of water quality standards or that would fail to protect and maintain existing designated uses are not eligible for coverage under this general permit. The executive director may require an application for an individual permit or alternative general permit to authorize discharges to surface water in the state if the executive director determines that an activity will cause a violation of water quality standards or is found to cause or contribute to the impairment of a designated use of surface water in the state. The executive director may also require an application for an individual permit considering factors described in Part II.E.2.

4. Discharges to Water Quality-Impaired Receiving Waters

New sources or new discharges of the constituent(s) of concern to impaired waters are not authorized by this permit unless otherwise allowable under 30 TAC Chapter 305 and applicable state law. Impaired waters are those that do not meet applicable water quality standard(s) and are listed on the Clean Water Act § 303(d) list. Constituents of concern are those for which the water body is listed as impaired.

Discharges of the constituent(s) of concern to impaired water bodies for which there is a TMDL implementation plan are not eligible for this general permit unless they are consistent with the approved TMDL and the implementation plan. Permitted MS4 operators must incorporate the limitations, conditions and requirements applicable to their discharges, including monitoring frequency and reporting required by TCEQ rules, into their SWMP in order to be eligible for permit coverage. For discharges not eligible for coverage under this general permit, the discharger must apply for and receive an individual TPDES permit prior to discharging.

5. Discharges to the Edwards Aquifer Recharge Zone

Discharges of storm water from regulated small MS4s, and other non-storm water discharges, can not be authorized by this general permit where those discharges are prohibited by 30 TAC Chapter 213 (relating to Edwards Aquifer). New discharges located within the Edwards Aquifer Recharge Zone, or within that area upstream from the recharge zone and defined as the Contributing Zone, must meet all applicable requirements of, and operate according to, 30 TAC Chapter 213 (Edwards Aquifer Rule) in addition to the provisions and requirements of this general permit.

For existing discharges, the requirements of the agency-approved Water Pollution Abatement Plan under the Edwards Aquifer Rules are in addition to the requirements of this general permit. BMPs and maintenance schedules for structural storm water controls, for example, may be required as a provision of the rule. All applicable requirements of the Edwards Aquifer Rule for reductions of suspended solids in storm water runoff are in addition to the effluent limitation requirements found in Part VI.D. of this general permit. A copy of the agency-approved Water Pollution Abatement Plans that are required by the Edwards Aquifer Rule must either be attached as a part of the SWMP or referenced in the SWMP. For discharges located on or within ten stream miles upstream of the Edwards Aquifer recharge zone, applicants must also submit a copy of the NOI to the appropriate TCEQ regional office.

Counties:	Contact:
Comal, Bexar, Medina, Uvalde, and Kinney	TCEQ Water Program Manager San Antonio Regional Office 14250 Judson Road San Antonio, Texas 78233-4480 (210) 490-3096
Williamson, Travis, and Hays	TCEQ Water Program Manager Austin Regional Office 1921 Cedar Bend Drive, Suite 150 Austin, Texas 78758-5336 (512) 339-2929

6. Discharges to Specific Watersheds and Water Quality Areas

Discharges of storm water from regulated small MS4s and other non-storm water discharges can not be authorized by this general permit where prohibited by 30 TAC Chapter 311 (relating to Watershed Protection) for water quality areas and watersheds.

7. Protection of Streams and Watersheds by Home Rule Municipalities

This general permit does not limit the authority of a home-rule municipality provided by § 401.002 of the Texas Local Government Code.

8. Indian Country Lands

Storm water runoff from MS4s or construction activities occurring on Indian Country lands are not under the authority of the TCEQ and are not eligible for coverage under this general permit. If discharges of storm water require authorization under federal NPDES regulations, authority for these discharges must be obtained from the U.S. Environmental Protection Agency (EPA).

9. Other

Nothing in Part II of the general permit is intended to negate any person's ability to assert the force majeure (act of God, war, strike, riot, or other catastrophe) defenses found in 30 TAC § 70.7.

This permit does not transfer liability for the act of discharging without, or in violation of, a NPDES or a TPDES permit from the operator of the discharge to the permittee(s).

D. Obtaining Authorization

1. Application for Coverage

When submitting an NOI and Storm Water Management Program (SWMP) as described in Parts II.D.3., II.D.4, and Part III for coverage under this general permit, the applicant must follow the public notice and availability requirements found in Part II.D.12. of this section.

Applicants seeking authorization to discharge under this general permit must submit a completed NOI, on a form approved by the executive director, and a SWMP as described in Part III. The NOI and SWMP must be submitted to the TCEQ Water Quality Division, at the address specified on the form. Discharge authorization begins when the applicant is notified by TCEQ that the NOI and SWMP have been administratively and technically reviewed and the applicant has followed the public participation provisions in Part II.D.12. Following review of the NOI and SWMP, the executive director may determine that: 1) the submission is complete and confirm coverage by providing a notification and an authorization number, 2) the NOI and/or SWMP are incomplete and deny coverage until a complete NOI and/or SWMP are submitted, 3) approve the NOI and/or SWMP with revisions and provide a written description of the required revisions along with any compliance schedule(s), or 4)

deny coverage and provide a deadline by which the MS4 operator must submit an application for an individual permit. Denial of coverage under this general permit is subject to the requirements of 30 TAC § 205.4(c). Application deadlines are as follows:

(a) Small MS4s Located in an Urbanized Area

Operators of small MS4s described in Part II.A.1 must submit an NOI and SWMP within 180 days following the effective date of this general permit.

(b) Designated Small MS4s

Operators of small MS4s described in Part II.A.2 must submit an NOI and SWMP within 180 days of being notified in writing by the TCEQ of the need to obtain permit coverage.

2. Late Submission of the NOI and SWMP

An NOI and SWMP are not prohibited from being submitted late or after the deadlines provided. If a late NOI and SWMP is submitted, authorization is only for discharges that occur after permit coverage is obtained. The TCEQ reserves the right to take appropriate enforcement actions for any unpermitted discharges.

3. Storm Water Management Program (SWMP)

A SWMP must be developed and submitted with the NOI for eligible discharges that will reach waters of the United States (U.S.), including discharges from the regulated small MS4 to other MS4s or privately-owned separate storm sewer systems that subsequently drain to waters of the U.S. according to the requirements of Part III of this general permit and submitted with the NOI. The SWMP must include a time line that demonstrates a schedule for implementation of the program throughout the permit term. The program must be completely implemented within five years of the issuance date of this general permit, or within five years of being designated for those small MS4s which are designated following permit issuance. Implementation of the SWMP is required immediately following receipt of written authorization from the TCEQ.

Changes may be made to the SWMP during the permit term. Changes that are made to the SWMP before the NOI is approved by the TCEQ must be submitted in a letter providing supplemental information to the NOI. Changes to the SWMP that are made after TCEQ approval of the NOI and SWMP may be made following written approval of the changes from the TCEQ, except that written approval is not required for the following changes:

(a) Adding components, controls, or requirements to the SWMP; or replacing a BMP with an equivalent BMP, may be made by the permittee at any time upon submittal of a notice of change (NOC) form to the address specified on the form to the TCEQ.

(b) Replacing a less effective or infeasible BMP specifically identified in the SWMP with an alternate BMP may be requested at any time. Changes must be submitted on

an NOC form to the address specified on the form. Unless denied in writing by the TCEQ, the change shall be considered approved and may be implemented by the permittee 60 days from submitting the request. Such requests must include the following:

(1) an explanation of why the BMP was eliminated;

(2) an explanation of the effectiveness of the replacement BMP; and

(3) an explanation of why the replacement BMP is expected to achieve the goals of the replaced BMP.

4. Contents of the NOI

The NOI must contain the following minimum information:

(a) MS4 Operator Information

(1) the name, mailing address, telephone number, and fax number of the MS4 operator; and

(2) the legal status of the MS4 operator (e.g., federal government, state government, county government, city government, or other government).

(b) Site Information

(1) the name, physical location description, and latitude and longitude of the approximate center of the regulated portion of the small MS4;

(2) county or counties where the small MS4 is located;

(3) an indication if all or a portion of the small MS4 is located on Indian Country Lands;

(4) if the applicant develops a seventh minimum control measure to obtain authorization for construction activities, the boundary within which those activities will occur;

(5) the name, mailing address, telephone number, and fax number of the designated person(s) responsible for implementing or coordinating implementation of the SWMP;

(6) a certification that a SWMP has been developed according to the provisions of this permit;

(7) a statement that the applicant will comply with the Public Participation requirements described in Part II.D.12.;

(8) the name of each classified segment that receives discharges, directly or indirectly, from the small MS4. If one or more of the discharge(s) is not directly to a classified segment, then the name of the first classified segment that those discharges reach shall be identified;

(9) the name of any MS4 receiving the discharge prior to discharge into surface water in the state; and

(10) the name of all surface water(s) receiving discharges from the small MS4 that are on the latest EPA-approved CWA § 303(d) list of impaired waters.

5. Notice of Change (NOC)

If the MS4 operator becomes aware that it failed to submit any relevant facts, or submitted incorrect information in the NOI, the correct information must be provided to the executive director in a NOC within 30 days after discovery. If any information provided in the NOI changes, an NOC must be submitted within 30 days from the time the permittee becomes aware of the change.

Any revisions that are made to the SWMP must be made in accordance with Part II.D.3. above. Changes that are made to the SWMP following NOI approval must be made using an NOC form, in accordance with Part II.D.3. above.

6. Change in Operational Control of a Small MS4

If the operational control of the regulated small MS4 changes, the present operator must submit a Notice of Termination (NOT) and the new operator must submit a NOI and SWMP. The NOT and NOI must be submitted concurrently no greater than 10 days after the change occurs.

7. Notice of Termination (NOT)

A permittee may terminate coverage under this general permit by providing a Notice of Termination (NOT) on a form approved by the executive director. Authorization to discharge terminates at midnight on the day that an NOT is postmarked for delivery to the TCEQ. If TCEQ provides for electronic submission of NOTs during the term of this permit, authorization to discharge terminates 24 hours following confirmation of receipt of the electronic NOT form by the TCEQ. An NOT must be submitted within 30 days after the MS4 operator obtains coverage under an individual permit.

8. Signatory Requirement for NOI, NOT, NOC, and Waiver Forms

NOI, NOT, NOC, and Waiver forms must be signed and certified consistent with 30 TAC § 305.44(a) and (b) (relating to Signatories to Applications).

9. Fees

An application fee of $100 must be submitted with each NOI. A fee is not required for submission of a waiver form, an NOT, or an NOC.

A permittee authorized under this general permit must pay an annual Water Quality fee of $100 under Texas Water Code, § 26.0291 and 30 TAC Chapter 205 (relating to General Permits for Waste Discharges).

10. Permit Expiration

(a) This general permit is effective for five years from the date of issuance. Authorizations for discharge under the provisions of this general permit may continue until the expiration date of the general permit. This general permit may be amended, revoked, or canceled by the commission or renewed by the commission for an additional term or terms not to exceed five years.

(b) If the Executive Director proposes to reissue this general permit before the expiration date, the general permit shall remain in effect after the expiration date for those existing discharges covered by the general permit in accordance with 30 TAC, Chapter 205. The general permit shall remain in effect for these dischargers until the date on which the commission takes final action on the proposal to reissue this general permit. No new NOIs will be accepted and no new authorizations will be processed under the general permit after the expiration date.

(c) Upon issuance of a renewed or amended general permit, all permittees, including those covered under the expired general permit, may be required to submit an NOI according to the requirements of the new general permit or to obtain a TPDES individual permit for those discharges.

(d) If the commission does not propose to reissue this general permit within 90 days before the expiration date, permittees must apply for authorization under a TPDES individual permit or an alternative general permit. If the application for an individual permit is submitted before the expiration date, authorization under this expiring general permit remains in effect until the issuance or denial of an individual permit.

11. Suspension of Permit Coverage

The executive director may suspend an authorization under this general permit for the reasons specified in 30 TAC § 205.4(d) by providing the discharger with written notice of the decision to suspend that authority, and the written notice will include a brief statement of the basis for the decision. If the decision requires an application for an individual permit or an alternative general permit, the written notice will also include a statement establishing the deadline for submitting an application. The written notice will state that the authorization under this general permit is either suspended on the effective date of the commission's action on the permit application, unless the commission expressly provides otherwise, or

immediately, if required by the executive director.

12. Public Participation

An applicant under this general permit must adhere to the following procedures:

(a) The applicant must submit the NOI and a SWMP to the executive director.

(b) After the applicant receives written instructions from the TCEQ's Office of Chief Clerk, the applicant must publish notice of the executive director's preliminary determination on the NOI and SWMP.

(c) The notice must include:

(1) the legal name of the MS4 operator;

(2) identify whether the NOI is for a new small MS4 or is a renewal of an existing operation;

(3) the address of the applicant;

(4) a brief summary of the information included in the NOI, such as the general location of the small MS4 and a description of the classified receiving waters that receive the discharges from the small MS4;

(5) the location and mailing address where the public may provide comments to the TCEQ;

(6) the public location where copies of the NOI and SWMP, as well as the executive director's general permit and fact sheet, may be reviewed; and

(7) if required by the executive director, the date, time, and location of the public meeting.

(d) This notice must be published at least once in the newspaper of largest circulation in the county where the small MS4 is located. If the small MS4 is located in multiple counties, the notice must be published at least once in the newspaper of largest circulation in the county containing the largest resident population. This notice shall provide opportunity for the public to submit comments on the NOI and SWMP. In addition, the notice shall allow the public to request a public meeting. A public meeting will be held if the TCEQ determines that there is significant public interest.

(e) The public comment period begins on the first date the notice is published and ends 30 days later, unless a public meeting is held. If a public meeting is held, the comment period will end at the closing of the public meeting. The public may submit written comments to the TCEQ Office of Chief Clerk during the comment period detailing how the NOI or SWMP for the small MS4 fails to meet the

technical requirements or conditions of this general permit.

(f) If significant public interest exists, the executive director will direct the applicant to publish a notice of the public meeting and to hold the public meeting. The applicant must publish notice of a public meeting at least 30 days before the meeting and hold the public meeting in a county where the small MS4 is located. TCEQ staff will facilitate the meeting.

(g) If a public meeting is held, the applicant shall describe the contents of the NOI and SWMP. The applicant shall also provide maps and other data on the small MS4. The applicant shall provide a sign in sheet for attendees to register their names and addresses and furnish the sheet to the executive director. A public meeting held under this general permit is not an evidentiary proceeding.

(h) The applicant must file with the Chief Clerk a copy and an affidavit of the publication of notice(s) within 60 days of receiving the written instructions from the Office of Chief Clerk.

(i) The executive director, after considering public comment, shall approve, approve with conditions, or deny the NOI based on whether the NOI and SWMP meet the requirements of this general permit.

(j) Persons whose names and addresses appear legibly on the sign in sheet from the public meeting and persons who submitted written comments to the TCEQ will be notified by the TCEQ's Office of Chief Clerk of the executive director's decision regarding the authorization.

E. Permitting Options

1. Authorization Under the General Permit

An operator of a small MS4 is required to obtain authorization either under this general permit, or under an individual TPDES permit if it is located in an urbanized area or if it is designated by the TCEQ. Multiple small MS4s with separate operators must individually submit an NOI to obtain coverage under this general permit, regardless of whether the systems are physically interconnected, located in the same urbanized area, or are located in the same watershed. Each regulated small MS4 will be issued a distinct permit number. These MS4 operators may combine or share efforts in meeting any or all of the SWMP requirements stated in Part III of this general permit. MS4 operators that share SWMP development and implementation must meet the following conditions:

(a) Participants

The SWMP must clearly list the name and permit number for each MS4 operator that contributes to development or implementation of the SWMP, and provide confirmation that the contributing MS4 operator has agreed to contribute. If a contributing MS4 has submitted an NOI and SWMP to TCEQ, but has not yet

received written notification of approval, along with the accompanying permit authorization number, a copy of the submitted NOI form must be made readily available or included in the SWMP.

(b) Responsibilities

Each permittee is entirely responsible for meeting SWMP requirements within the boundaries of its MS4. Where a separate MS4 operator is contributing to implementation of the SWMP, the SWMP must clearly define the contribution and clearly identify the contributing MS4 operator.

2. Alternative Coverage under an Individual TPDES Permit

An MS4 operator eligible for coverage under this general permit may alternatively be authorized under an individual TPDES permit according to 30 TAC Chapter 305 (relating to Consolidated Permits). The executive director may require an MS4 operator, authorized by this general permit, to apply for an individual TPDES permit because of: the conditions of an approved TMDL or TMDL implementation plan; a history of substantive non-compliance; or other 30 TAC Chapter 205 considerations and requirements; or other site-specific considerations.

F. Waivers

The TCEQ may waive permitting requirements for small regulated MS4 operators if the criteria are met for Waiver Option 1 or 2. To obtain Waiver Option 1, the MS4 operator must submit the request on a waiver form provided by the executive director. To obtain Waiver Option 2, the MS4 operator must contact the executive director and coordinate the activities required to meet the waiver conditions. A provisional waiver from permitting requirements begins two days after a completed waiver form is postmarked for delivery to the TCEQ. Following review of the waiver form, the executive director may: 1) determine that the waiver form is complete and confirm coverage under the waiver by providing a notification and a waiver number, 2) determine that the waiver form is incomplete and deny the waiver until a completed waiver form is submitted, or 3) deny the waiver and require that permit coverage be obtained.

If the conditions of either waiver are not met by the MS4 operator, then the MS4 operator must submit an application for coverage under this general permit or a separate TPDES permit application.

The TCEQ can, at any time, require a previously waived MS4 operator to comply with this general permit or another TPDES permit if circumstances change so that the conditions of the waiver are no longer met. Changed circumstances can also allow a regulated MS4 operator to request a waiver at any time.

1. Waiver Option 1: The system serves a population of less than 1,000 within an urbanized area and meets the following criteria:

(a) the system is not contributing substantially to the pollutant loadings of a physically interconnected MS4 that is regulated by the NPDES / TPDES storm water program

(40 CFR § 122.32(d)); and

(b) if the system discharges any pollutant(s) that have been identified as a cause of impairment of any water body to which the small MS4 discharges, storm water controls are not needed based on wasteload allocations that are part of an EPA approved or established "total maximum daily load" (TMDL) that addresses the pollutant(s) of concern.

2. Waiver Option 2: The system serves a population under 10,000 and meets the following criteria:

(a) the TCEQ has evaluated all waters of the United States, including small streams, tributaries, lakes, and ponds, that receive a discharge from the small MS4;

(b) for all such waters, the TCEQ has determined that storm water controls are not needed based on wasteload allocations that are part of an approved or established TMDL that addresses the pollutant(s) of concern or, if a TMDL has not been developed or approved, an equivalent analysis that determines sources and allocations for the pollutant(s) of concern; and

(c) the TCEQ has determined that future discharges from the small MS4 do not have the potential to exceed Texas surface water quality standards, including impairment of designated uses, or other significant water quality impacts, including habitat and biological impacts.

Part III. Storm Water Management Program (SWMP)

To the extent allowable under state and local law, a SWMP must be developed and implemented according to the requirements of Part III of this general permit, for storm water discharges that reach waters of the United States, regardless of whether the discharge is conveyed through a separately operated storm sewer. The SWMP must be developed to reduce the discharge of pollutants from the MS4 to the maximum extent practicable (MEP), to protect water quality, and to satisfy the appropriate water quality requirements of the Clean Water Act and the Texas Water Code. Existing programs or best management practices (BMPs) may be used to fulfill the requirements of this general permit. The MS4 operator must develop the SWMP to include the six minimum control measures described in Part III.A.1. through 6, and the operator may develop and include the optional seventh minimum control measure in Part III.A.7. Small MS4s have five years from the date of issuance of this general permit to fully implement their SWMP. A discharger's compliance with its approved SWMP will be deemed compliance with Part III of this permit.

Where the permittee lacks the authority to develop ordinances or to implement enforcement actions, the permittee shall exert enforcement authority as required by this general permit for its facilities, employees, and contractors. For discharges from third party actions, the permittee shall perform inspections and exert enforcement authority to the MEP.

If the permittee does not have enforcement authority and is unable to meet the goals of this general permit through its own powers, then, unless otherwise stated in this general permit, the permittee shall perform the

following action in order to meet the goals of the permit:

- Enter into interlocal agreements with municipalities where the small MS4 is located. These interlocal agreements must state the extent to which the municipality will be responsible for inspections and enforcement authority in order to meet the conditions of this general permit; or,

- if the permittee is unable to enter into inter-local agreements, notify the TCEQ's Field Operations Division as needed to report discharges or incidents that it can not itself enforce against.

The controls and Best Management Practices (BMPs) included in the SWMP constitute effluent limitations for the purposes of compliance with the requirements of 30 TAC Chapter 319, Subchapter B, related to Hazardous Metals.

A. Minimum Control Measures

1. Public Education and Outreach on Storm Water Impacts

(a) A public education program must be developed and implemented to distribute educational materials to the community or conduct equivalent outreach activities that will be used to inform the public. The MS4 operator may determine the most appropriate sections of the population at which to direct the program. The MS4 operator must consider the following groups and the SWMP shall provide justification for any listed group that is not included in the program:

(1) residents;

(2) visitors;

(3) public service employees;

(4) businesses;

(5) commercial and industrial facilities; and

(6) construction site personnel.

The outreach must inform the public about the impacts that storm water run-off can have on water quality, hazards associated with illegal discharges and improper disposal of waste, and steps that they can take to reduce pollutants in storm water runoff.

(b) The MS4 operator must document activities conducted and materials used to fulfill this control measure. Documentation shall be detailed enough to demonstrate the amount of resources used to address each group. This documentation shall be retained in the annual reports required in Part IV.B.2. of this general permit.

2. Public Involvement/Participation

The MS4 operator must, at a minimum, comply with any state and local public notice requirements when implementing a public involvement/participation program. It is recommended that the program include provisions to allow all members of the public within the small MS4 the opportunity to participate in SWMP development and implementation. Correctional facilities will not be required to implement this MCM.

3. Illicit Discharge Detection and Elimination

(a) Illicit Discharges

A section within the SWMP must be developed to establish a program to detect and eliminate illicit discharges to the small MS4. The SWMP must include the manner and process to be used to effectively prohibit illicit discharges. To the extent allowable under state and local law, an ordinance or other regulatory mechanism must be utilized to prohibit and eliminate illicit discharges. Elements must include:

(1) Detection

The SWMP must list the techniques used for detecting illicit discharges; and

(2) Elimination

The SWMP must include appropriate actions and, to the extent allowable under state and local law, establish enforcement procedures for removing the source of an illicit discharge.

(b) Allowable Non-Storm Water Discharges

Non-storm water flows listed in Part II.B and Part VI.B. do not need to be considered by the MS4 operator as an illicit discharge requiring elimination unless the operator of the small MS4 or the executive director identifies the flow as a significant source of pollutants to the small MS4. In lieu of considering non-storm water sources on a case-by-case basis, the MS4 operator may develop a list of common and incidental non-storm water discharges that will not be addressed as illicit discharges requiring elimination. If developed, the listed sources must not be reasonably expected to be significant sources of pollutants either because of the nature of the discharge or the conditions that are established by the MS4 operator prior to accepting the discharge to the small MS4. If this list is developed, then all local controls and conditions established for these listed discharges must be described in the SWMP and any changes to the SWMP must be included in the annual report described in Part IV.B.2. of this general permit, and must meet the requirements of Part II.D.3. of the general permit.

(c) Storm Sewer Map

(1) A map of the storm sewer system must be developed and must include the following:

(i) the location of all outfalls;

(ii) the names and locations of all waters of the U.S. that receive discharges from the outfalls; and

(iii) any additional information needed by the permittee to implement its SWMP.

(2) The SWMP must include the source of information used to develop the storm sewer map, including how the outfalls are verified and how the map will be regularly updated.

4. Construction Site Storm Water Runoff Control

The MS4 operator, to the extent allowable under State and local law, must develop, implement, and enforce a program to reduce pollutants in any storm water runoff to the small MS4 from construction activities that result in a land disturbance of greater than or equal to one acre or if that construction activity is part of a larger common plan of development or sale that would disturb one acre or more of land. The MS4 operator is not required to develop, implement, and/or enforce a program to reduce pollutant discharges from sites where the construction site operator has obtained a waiver from permit requirements under NPDES or TPDES construction permitting requirements based on a low potential for erosion.

(a) The program must include the development and implementation of, at a minimum, an ordinance or other regulatory mechanism to require erosion and sediment controls, as well as sanctions to ensure compliance, to the extent allowable under state and local law.

(b) Requirements for construction site contractors to, at a minimum:

(1) implement appropriate erosion and sediment control BMPs; and

(2) control waste such as discarded building materials, concrete truck washout water, chemicals, litter, and sanitary waste at the construction site that may cause adverse impacts to water quality.

(c) The MS4 operator must develop procedures for:

(1) site plan review which incorporate consideration of potential water quality impacts;

(2) receipt and consideration of information submitted by the public; and

(3) site inspection and enforcement of control measures to the extent allowable under state and local law.

5. Post-Construction Storm Water Management in New Development and Redevelopment

To the extent allowable under state and local law, the MS4 operator must develop, implement, and enforce a program to address storm water runoff from new development and redevelopment projects that disturb greater than or equal to one acre of land, including projects less than one acre that are part of a larger common plan of development or sale that will result in disturbance of one or more acres, that discharge into the small MS4. The program must ensure that controls are in place that would prevent or minimize water quality impacts. The permittee shall:

(a) Develop and implement strategies which include a combination of structural and/or non-structural BMPs appropriate for the community;

(b) Use an ordinance or other regulatory mechanism to address post-construction runoff from new development and redevelopment projects to the extent allowable under state and local law; and

(c) Ensure adequate long-term operation and maintenance of BMPs.

6. Pollution Prevention/Good Housekeeping for Municipal Operations

A section within the SWMP must be developed to establish an operation and maintenance program, including an employee training component, that has the ultimate goal of preventing or reducing pollutant runoff from municipal operations.

(a) Good Housekeeping and Best Management Practices (BMPs)

Housekeeping measures and BMPs (which may include new or existing structural or non-structural controls) must be identified and either continued or implemented with the goal of preventing or reducing pollutant runoff from municipal operations. Examples of municipal operations and municipally owned areas include, but are not limited to:

(1) park and open space maintenance;

(2) street, road, or highway maintenance;

(3) fleet and building maintenance;

(4) storm water system maintenance;

(5) new construction and land disturbances;

(6) municipal parking lots;

(7) vehicle and equipment maintenance and storage yards;

(8) waste transfer stations; and

(9) salt/sand storage locations.

(b) Training

A training program must be developed for all employees responsible for municipal operations subject to the pollution prevention/good housekeeping program. The training program must include training materials directed at preventing and reducing storm water pollution from municipal operations. Materials may be developed, or obtained from the EPA, states, or other organizations and sources. Examples or descriptions of training materials being used must be included in the SWMP.

(c) Structural Control Maintenance

If BMPs include structural controls, maintenance of the controls must be performed at a frequency determined by the MS4 operator and consistent with maintaining the effectiveness of the BMP. The SWMP must list all of the following:

(1) maintenance activities;

(2) maintenance schedules; and

(3) long-term inspection procedures for controls used to reduce floatables and other pollutants.

(d) Disposal of Waste

Waste removed from the small MS4 and waste that is collected as a result of maintenance of storm water structural controls must be properly disposed. A section within the SWMP must be developed to include procedures for the proper disposal of waste, including:

(1) dredge spoil;

(2) accumulated sediments; and

(3) floatables.

(e) Municipal Operations and Industrial Activities

The SWMP must include a list of all:

(1) municipal operations that are subject to the operation, maintenance, or training program developed under the conditions of this section; and

(2) municipally owned or operated industrial activities that are subject to TPDES industrial storm water regulations.

7. Authorization for Municipal Construction Activities

The development of a MCM for municipal construction activities is an optional measure and is an alternative to the MS4 operator seeking coverage under TPDES general permit TXR150000. Additionally, contractors working for the permittee are not required to obtain a separate authorization if they do not meet the definition of a "construction site operator," as long as the permittee meets the status of construction site operator. Permittees that choose to develop this measure will be authorized to discharge storm water and certain non-storm water from construction activities where the permittee can meet the definition of "construction site operator" in Part I of this general permit. The authorization to discharge under this MCM is limited to the regulated area, such as the portion of the MS4 located within an urbanized area or the area designated by TCEQ as requiring coverage. However, an MS4 operator may also utilize this MCM over additional portions of their MS4 that are also in compliance with all of the MCMs listed in this general permit. This MCM must be developed as a part of the SWMP that is submitted with the NOI for permit coverage. If this MCM is developed after submitting the initial NOI, a NOC must be submitted notifying the executive director of this change, and identifying the geographical area or boundary where the activities will be conducted under the provisions of this general permit. Utilization of this MCM does not preclude a small MS4 from obtaining coverage under the TPDES Construction General Permit, TXR150000, or under an individual TPDES permit.

(a) The MCM must include:

(1) a description of how construction activities will generally be conducted by the permittee so as to take into consideration local conditions of weather, soils, and other site specific considerations;

(2) a description of the area that this MCM will address and where the permittee's construction activities are covered (e.g. within the boundary of the urbanized area, the corporate boundary, a special district boundary, an extra territorial jurisdiction, or other similar jurisdictional boundary); and

(3) either a description of how the permittee will supervise or maintain oversight over contractor activities to ensure that the SWP3 requirements are properly implemented at the construction site; or how the permittee will make certain that contractors have a separate authorization for storm water discharges.

(4) a general description of how a SWP3 shall be developed, according to Part VI.E. of this general permit, for each construction site.

B. General Requirements

Permittees must provide documentation of the development, implementation, and evaluation of the SWMP. The documentation must be included in the SWMP and may be required to be submitted in the annual report required in Part IV.B.2. of this general permit. At a minimum, the documentation must include:

1. a list of any public or private entities assisting with the development or implementation of the SWMP;

2. a list of all BMPs and measurable goals for each of the MCMs;

3. a schedule for the implementation of all SWMP requirements;

4. a description of how each measurable goal will be evaluated;

5. a rationale statement that addresses the overall program, including how the BMPs and measurable goals were selected; and

6. if applicable, a list of all MS4 operators contributing to the development and implementation of the SWMP, including a clear description of the contribution.

Part IV. Recordkeeping and Reporting

A. Recordkeeping

1. The permittee must retain all records, 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. This period may be extended by request of the executive director at any time.

2. The permittee must submit the records to the executive director only when specifically asked to do so. The SWMP required by this general permit (including a copy of the general permit) must be retained at a location accessible to the TCEQ.

3. The permittee must make the NOI and the SWMP available to the public if requested to do so in writing. Copies of the SWMP must be made available within 10 working days of receipt of a written request. Other records must be provided in accordance with the Texas Public Information Act. However, all requests for records from federal facilities must be made in accordance with the Freedom of Information Act.

4. The period during which records are required to be kept shall be automatically extended to the date of the final disposition of any administrative or judicial enforcement action that maybe instituted against the permittee.

B. Reporting

1. General Reporting Requirements

(a) Noncompliance Notification

According to 30 TAC § 305.125(9), any noncompliance which may endanger human health or safety, or the environment, must be reported by the permittee to the TCEQ. Report of such information must be provided orally or by electronic facsimile transmission (FAX) to the TCEQ regional office within 24 hours of becoming aware of the noncompliance. A written report must be provided by the permittee to the TCEQ regional office and to the TCEQ Enforcement Division (MC-224) within five working days of becoming aware of the noncompliance. The written report must contain:

(1) a description of the noncompliance and its cause;

(2) the potential danger to human health or safety, or the environment;

(3) the period of noncompliance, including exact dates and times;

(4) if the noncompliance has not been corrected, the anticipated time it is expected to continue; and

(5) steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance, and to mitigate its adverse effects.

(b) Other Information

When the permittee becomes aware that it either submitted incorrect information or failed to submit complete and accurate information requested in an NOI, NOT, or NOC, or any other report, it must promptly submit the facts or information to the executive director.

2. Annual Report

The MS4 operator must submit a concise annual report to the executive director within 90 days of the end of each permit year. The annual report must address the previous permit year. The first permit year for annual reporting purposes shall begin on the date of permit issuance, and shall last for one year. Subsequent calendar years will begin on the anniversary date of permit issuance and last for one year. The MS4 operator must also make a copy of the annual report readily available for review by TCEQ personnel upon request. The report must include:

(a) The status of the compliance with permit conditions, an assessment of the appropriateness of the identified BMPs, progress towards achieving the statutory

goal of reducing the discharge of pollutants to the MEP, the measurable goals for each of the MCMs, and an evaluation of the success of the implementation of the measurable goals;

(b) Status of any additional control measures implemented by the permittee (if applicable);

(c) Any MCM activities initiated before permit issuance may be included, under the appropriate headings, as part of the first year's annual report;

(d) A summary of the results of information (including monitoring data) collected and analyzed, if any, during the reporting period used to assess the success of the program at reducing the discharge of pollutants to the MEP;

(e) A summary of the storm water activities the MS4 operator plans to undertake during the next reporting cycle;

(f) Proposed changes to the SWMP, including changes to any BMPs or any identified measurable goals that apply to the program elements;

(g) The number of municipal construction activities authorized under this general permit and the total number of acres disturbed;

(h) The number of non-municipal construction activities that occurred within the jurisdiction of the permittee (as noticed to the permittee by the construction operator); and

(i) Notice that the MS4 operator is relying on another government entity to satisfy some of its permit obligations (if applicable).

An annual report must be prepared whether or not the NOI and SWMP has been approved by the TCEQ. If the permittee has either not implemented the SWMP or not begun to implement the SWMP because it has not received approval of the NOI and SWMP, then the annual report may include that information.

If permittees share a common SWMP, all permittees must contribute to a system-wide report (if applicable);

Each permittee must sign and certify the annual report in accordance with 30 TAC § 305.128 (relating to Signatories to Reports); and

The annual report must be submitted to the following address:

Texas Commission on Environmental Quality
Storm Water & Pretreatment Team; MC - 148
P.O. Box 13087
Austin, Texas 78711-3087

A copy of the annual report must also be submitted to the TCEQ Regional Office that serves the area of the regulated small MS4.

If available, electronic submission of annual reports is encouraged. The Federal Waste Reduction Act and the Government Paperwork Elimination Act encourages governmental agencies to use electronic submission. See the TCEQ website at, www.tceq.state.tx.us for additional information and instructions.

Part V. Standard Permit Conditions

A. The permittee has a duty to comply with all permit conditions. Failure to comply with any permit condition is a violation of the general permit and statutes under which it was issued, and is grounds for enforcement action, for terminating coverage under this general permit, or for requiring a discharger to apply for and obtain an individual TPDES permit.

B. Authorization under this general permit may be suspended or revoked for cause. Filing a notice of planned changes or anticipated non-compliance by the permittee does not stay any permit condition. The permittee must furnish to the executive director, upon request and within a reasonable timeframe, any information necessary for the executive director to determine whether cause exists for revoking, suspending, or terminating authorization under this general permit. Additionally, the permittee must provide to the executive director, upon request, copies of all records that the permittee is required to maintain as a condition of this general permit.

C. It is not a defense for a discharger in an enforcement action that it would have been necessary to halt or reduce the permitted activity to maintain compliance with the permit conditions.

D. Inspection and entry shall be allowed under Texas Water Code Chapters 26-28, Health and Safety Code §§ 361.032-361.033 and 361.037, and 40 Code of Federal Regulations (CFR) §122.41(i). The statement in Texas Water Code § 26.014 that commission entry of a facility shall occur according to an establishment's rules and regulations concerning safety, internal security, and fire protection is not grounds for denial or restriction of entry to any part of the facility or site, but merely describes the commission's duty to observe appropriate rules and regulations during an inspection.

E. The discharger is subject to administrative, civil, and criminal penalties, as applicable, under Texas Water Code, Chapters 26, 27, and 28, and the Texas Health and Safety Code, Chapter 361 for violations including but not limited to the following:

   a. negligently or knowingly violating CWA, §§ 301, 302, 306, 307, 308, 318, or 405, or any condition or limitation implementing any sections in a permit issued under CWA, § 402; and

   b. knowingly making any false statement, representation, or certification in any record or other document submitted or required to be maintained under a permit, including monitoring reports or reports of compliance or noncompliance.

F. All reports and other information requested by the executive director must be signed by the person

and in the manner required by 30 TAC § 305.128 (relating to Signatories to Reports).

G. Authorization under this general permit does not convey property or water rights of any sort and does not grant any exclusive privilege.

H. The permittee shall implement its SWMP on any new areas under its jurisdiction that are located in a UA or that are designated by the TCEQ. Implementation of the SWMP in these areas is required three (3) years from acquiring the new area, or five (5) years from the date of the original SWMP, whichever is later.

Part VI. Authorization for Municipal Construction Activities

The MS4 operator may obtain authorization under TPDES general permit TXR150000 to discharge storm water runoff from each construction activity performed by the MS4 operator that results in a land disturbance of one (1) or more acres of land. Alternatively, the MS4 operator may develop the SWMP to include this optional seventh (7^{th}) storm water MCM if the eligibility requirements in Part VI.A. are met. If an MS4 operator decides to utilize this MCM, then the MS4 operator must include the MCM it in its SWMP submitted with the NOI or submit an NOC notifying the executive director of the addition of this MCM to its SWMP. The MS4 operator must identify the geographic area or boundary where the construction activities will be conducted under the provisions of this general permit. If the small MS4 meets the terms and requirements of this general permit, then discharges from these construction activities may be authorized under this general permit as long as they occur within the regulated geographic area of the small MS4. An MS4 operator may utilize this MCM over additional portions of their MS4 if those areas are also in compliance with all MCMs listed in this general permit. Even if an MS4 operator has developed this optional seventh storm water MCM, the MS4 operator may apply under TPDES general permit TXR150000 for authorization for particular municipal construction activities including those activities that occur during periods of low potential for erosion (for which no SWP3 must be developed).

A. Eligible Construction Sites

Discharges from construction activities within the regulated area where the MS4 operator meets the definition of construction site operator are eligible for authorization under this general permit. Discharges from construction activities outside of the regulated area, where the MS4 operator meets the definition of construction site operator, are only eligible for authorization under this general permit in those areas where the MS4 operator meets the requirements of Parts III.A.1. through III.A.6 of this general permit, related to MCMs.

B. Discharges Eligible for Authorization

1. Storm Water Associated with Construction Activity

Discharges of storm water runoff from small and large construction activities may be authorized under this general permit.

2. Discharges of Storm Water Associated with Construction Support Activities

Discharges of storm water runoff from construction support activities, including concrete batch plants, asphalt batch plants, equipment staging areas, material storage yards, material borrow areas, and excavated material disposal areas may be authorized under this general permit provided:

(a) the activity is located within a 1-mile distance from the boundary of the permitted construction site and directly supports the construction activity;

(b) a storm water pollution prevention plan is developed according to the provisions of this general permit and includes appropriate controls and measures to reduce erosion and discharge of pollutants in storm water runoff from the supporting industrial activity site; and

(c) the construction support activity either does not operate beyond the completion date of the construction activity or obtains separate TPDES authorization for discharges as required.

3. Non-storm Water Discharges

The following non-storm water discharges from construction sites authorized under this general permit are also eligible for authorization under this MCM:

(a) discharges from fire fighting activities (fire fighting activities do not include washing of trucks, run-off water from training activities, test water from fire suppression systems, and similar activities);

(b) fire hydrant flushings;

(c) vehicle, external building, and pavement wash water where detergents and soaps are not used and where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled material is removed)

(d) water used to control dust;

(e) potable water sources including waterline flushings;

(f) air conditioning condensate; and

(g) uncontaminated ground water or spring water, including foundation or footing drains where flows are not contaminated with industrial materials such as solvents.

4. Other Permitted Discharges

Any discharge authorized under a separate TPDES or TCEQ permit may be combined with discharges from construction sites operated by the small MS4.

C. Limitations on Permit Coverage

Discharges that occur after construction activities have been completed, and after the construction site and any supporting activity site have undergone final stabilization, are not eligible for coverage under Part VI of the general permit.

D. Numeric Effluent Limitations

All discharges of storm water runoff from concrete batch plants must be monitored at the following monitoring frequency and comply with the following numeric effluent limitations:

	Limitations	Monitoring
Parameter	Daily Maximum	Frequency
Total Suspended Solids	65 mg/l	1/Year
Oil and Grease	15 mg/l	1/Year
pH	between 6 and 9 standard units	1/Year

E. Storm Water Pollution Prevention Plan (SWP3)

Operators of municipal construction activities that qualify for coverage under this general permit and that discharge storm water associated with construction activities that reach waters of the U.S. must:

1. develop a SWP3 according to the provisions of this general permit that covers the entire site and begin implementation of that plan prior to commencing construction activities;

2. post a signed copy of the notice contained in Attachment 1 of this general permit in a location at the construction site where it is readily available for viewing prior to commencing construction activities and maintain the notice in that location until completion of the construction activity and final stabilization of the site;

3. ensure the project specifications allow or provide that adequate BMPs may be developed and modified as necessary to meet the requirements of this general permit and the SWP3;

4. ensure all contractors are aware of the SWP3 requirements, are aware that municipal personnel are responsible for the day-to-day operations of the SWP3, and who to contact concerning SWP3 requirements; and

5. ensure that the SWP3 identifies the municipal personnel responsible for implementation of control measures described in the plan.

F. Effective Date of Coverage

Operators of construction activities eligible for coverage under this general permit are authorized to discharge storm water associated with construction activity from a site 48 hours from the time that the signed notice is posted at the site.

G. Deadlines for SWP3 Preparation and Compliance

The SWP3 must:

1. be completed and initially implemented prior to commencing construction activities that result in soil disturbance;

2. be updated as necessary to reflect the changing conditions of new contractors, new areas of responsibility, and changes in best management practices; and

3. provide for compliance with the terms and conditions of this general permit.

H. Plan Review and Making Plans Available

The SWP3 must be retained on-site at the construction site or made readily available at the time of an on-site inspection to: the executive director; a federal, state, or local agency approving sediment and erosion plans, grading plans, or storm water management plans; local government officials; and the operator of a municipal separate storm sewer receiving discharges from the site.

I. Keeping Plans Current

The permittee must amend the SWP3 whenever:

1. there is a change in design, construction, operation, or maintenance that has a significant effect on the discharge of pollutants and that has not been previously addressed in the SWP3; or

2. results of inspections or investigations by site operators, authorized TCEQ personnel, or a federal, state or local agency approving sediment and erosion plans indicate the SWP3 is proving ineffective in eliminating or significantly minimizing pollutants in discharges authorized under this general permit.

J. Contents of SWP3

The SWP3 must include, at a minimum, the information described in this section.

1. A site description, or project description, must be developed to include:

   (a) a description of the nature of the construction activity, potential pollutants and sources;

(b) a description of the intended schedule or sequence of major activities that will disturb soils for major portions of the site;

(c) the number of acres of the entire construction site property and the total number of acres of the site where construction activities will occur, including off-site material storage areas, overburden and stockpiles of dirt, and borrow areas;

(d) data describing the soil type or the quality of any discharge from the site;

(e) a map showing the general location of the site (e.g. a portion of a city or county map);

(f) a detailed site map indicating the following:

(1) drainage patterns and approximate slopes anticipated after major grading activities;

(2) areas where soil disturbance will occur;

(3) areas which will not be disturbed;

(4) locations of all major structural controls either planned or in place;

(5) locations where stabilization practices are expected to be used;

(6) locations of off-site material, waste, borrow or equipment storage areas;

(7) surface waters (including wetlands) either adjacent or in close proximity; and

(8) locations where storm water discharges from the site directly to a surface water body.

(g) the location and description of asphalt plants and concrete plants (if any) providing support to the construction site and that are also authorized under this general permit;

(h) the name of receiving waters at or near the site that will be disturbed or that will receive discharges from disturbed areas of the project; and

(i) a copy of Part VI of this TPDES general permit.

2. The SWP3 must describe the structural and the non-structural controls (best management practices) that will be used to minimize pollution in runoff. The description must identify the general timing or sequence for implementation and the party responsible for implementation. At a minimum, the description must include the following components:

(a) Erosion and Sediment Controls

(1) Erosion and sediment controls must be designed to retain sediment on-site to the maximum extent practicable with consideration for local topography and rainfall.

(2) Control measures must be properly selected, installed, and maintained according to the manufacturer's or designer's specifications. If periodic inspections or other information indicates a control has been used incorrectly, or that the control is performing inadequately, the operator must replace or modify the control.

(3) Sediment must be removed from sediment traps and sedimentation ponds no later than the time that design capacity has been reduced by 50%.

(4) If sediment escapes the site, accumulations must be removed at a frequency to minimize further negative effects and, whenever feasible, prior to the next rain event.

(5) Controls must be developed to limit offsite transport of litter, construction debris, and construction materials by storm water runoff.

3. Stabilization Practices

The SWP3 must include a description of interim and permanent stabilization practices for the site, including a schedule of when the practices will be implemented. Site plans should ensure that existing vegetation is preserved where it is possible.

(a) Stabilization practices may include but are not limited to: establishment of temporary vegetation, establishment of permanent vegetation, mulching, geotextiles, sod stabilization, vegetative buffer strips, protection of existing trees and vegetation and other similar measures.

(b) The following records must be maintained and either attached to or referenced in the SWP3 and made readily available upon request to the parties in Part VI.H. of this general permit:

(1) the dates when major grading activities occur;

(2) the dates when construction activities temporarily or permanently cease on a portion of the site; and

(3) the dates when stabilization measures are initiated.

(c) Stabilization measures must be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, and except as provided in (1) through (3) below, must be initiated no more than fourteen (14) days

after the construction activity in that portion of the site has temporarily or permanently ceased.

(1) Where the initiation of stabilization measures by the 14th day after construction activity temporarily or permanently ceased is precluded by snow cover or frozen ground conditions, stabilization measures must be initiated as soon as practicable.

(2) Where the initiation of stabilization measures by the 14th day after construction activity has temporarily or permanently ceased is precluded by seasonably arid conditions, stabilization measures must be initiated as soon as practicable. These conditions exist in arid areas (areas with an average rainfall of 0 to 10 inches), semiarid areas (areas with an average annual rainfall of 10 to 20 inches), and other areas experiencing droughts.

(3) Where construction activity on a portion of the site is temporarily ceased and earth disturbing activities will be resumed within twenty-one (21) days, temporary stabilization measures do not have to be initiated on that portion of site.

4. Structural Control Practices

The SWP3 must include a description of any structural control practices used to divert flows away from exposed soils, to limit the contact of runoff with disturbed areas, or to lessen the off-site transport of eroded soils.

(a) Sediment basins are required, where feasible, for common drainage locations that serve an area with ten (10) or more acres that remain disturbed at any one time. Sediment basins may be either temporary or permanent, but must be designed to store either the calculated volume of runoff from a 2 year, 24 hour storm from acreage drained, or designed to provide 3,600 cubic feet of storage per acre drained. When calculating the volume of runoff from a 2-year, 24-hour storm event, it is not required to include the flows from offsite areas and flow from onsite areas that are either undisturbed or have already undergone final stabilization, if these flows are diverted around both the disturbed areas of the site and the sediment basin. In determining whether installing a sediment basin is feasible, the permittee may consider factors such as site soils, slope, available area on site, public safety, and other similar considerations. Where sediment basins are not feasible, equivalent control measures, which may include a series of smaller sediment basins, must be used. At a minimum, silt fences, vegetative buffer strips, or equivalent sediment controls are required for all down slope boundaries (and for those side slope boundaries deemed appropriate as dictated by individual site conditions) of the construction area.

(b) Sediment traps and sediment basins may be used to control solids in storm water runoff for drainage locations serving less than ten (10) acres. At a minimum, silt fences, vegetative buffer strips, or equivalent sediment controls are required for all

down slope boundaries (and for those side slope boundaries deemed appropriate as dictated by individual site conditions) of the construction. Alternatively, a sediment basin providing storage for a calculated volume of runoff from these areas for a 2-year, 24- hour storm or 3,600 cubic feet of storage per acre drained may be provided.

5. Permanent Storm Water Controls

A description of any measures that will be installed during the construction process to control pollutants in storm water discharges that will occur after construction operations have been completed must be included in the SWP3. Permittees are only responsible for the installation and maintenance of storm water management measures prior to final stabilization of the site .

6. Other Controls

(a) Off-site vehicle tracking of sediments and the generation of dust must be minimized.

(b) The SWP3 must include a description of construction and waste materials expected to be stored on-site and a description of controls to reduce pollutants from these materials.

(c) The SWP3 must include a description of pollutant sources from areas other than construction (including storm water discharges from dedicated asphalt plants and dedicated concrete plants), and a description of controls and measures that will be implemented at those sites to minimize pollutant discharges.

7. Approved State and Local Plans

(a) Permittees must ensure the SWP3 is consistent with requirements specified in applicable sediment and erosion site plans or site permits, or storm water management site plans or site permits approved by federal, state, or local officials.

(b) SWP3s must be updated as necessary to remain consistent with any changes applicable to protecting surface water resources in sediment erosion site plans or site permits, or storm water management site plans or site permits approved by state or local official for which the permittee receives written notice.

8. Maintenance

All erosion and sediment control measures and other protective measures identified in the SWP3 must be maintained in effective operating condition. If through inspections the permittee determines that BMPs are not operating effectively, maintenance must be performed before the next anticipated storm event or as necessary to maintain the continued effectiveness of storm water controls. If maintenance prior to the next anticipated storm event is impracticable, maintenance must be scheduled and accomplished as soon as practicable.

9. Inspections of Controls

(a) Personnel provided by the permittee and familiar with the SWP3 must inspect disturbed areas of the construction site that have not been finally stabilized, areas used for storage of materials that are exposed to precipitation, all structural control measures for effectiveness and necessary maintenance, and locations where vehicles enter or exit the site for evidence of off-site tracking. Inspections must occur at least once every fourteen (14) calendar days and within twenty four (24) hours of the end of a storm event of 0.5 inches or greater. As an alternative, the SWP3 may be developed to require that these inspections will occur at least once every seven (7) calendar days; in which case additional inspections are not required following each qualifying storm event. If this alternative schedule is developed, the inspection must occur on a specifically defined day, regardless of whether or not there has been a rainfall event since the previous inspection.

Where sites have been finally or temporarily stabilized, where runoff is unlikely due to winter conditions (e.g. site is covered with snow, ice, or frozen ground exists), or during seasonal arid periods in arid areas (areas with an average annual rainfall of 0 to 10 inches) and semi-arid areas (areas with an average annual rainfall of 10 to 20 inches), inspections must be conducted at least once every month.

(b) Personnel provided by the permittee and familiar with the SWP3 must inspect all accessible discharge locations to determine if erosion control measures are effective in preventing visually noticeable changes to receiving waters, including persistent cloudy appearance in water color and noticeable accumulation of sediments.

Where discharge locations are inaccessible, nearby downstream locations must be inspected to the extent that such inspections are practicable. The frequency for these inspections must be established by the permittee in the SWP3 with consideration for local rainfall and soil, but must occur at least once during the construction activity if a discharge occurs.

(c) The SWP3 must be modified based on the results of inspections, as necessary, to better control pollutants in runoff. Revisions to the SWP3 must be completed within seven (7) calendar days following the inspection. If existing BMPs are modified or if additional BMPs are necessary, an implementation schedule must be described in the SWP3 and wherever possible those changes implemented before the next storm event. If implementation before the next anticipated storm event is impracticable, these changes must be implemented as soon as practicable.

(d) A report summarizing the scope of the inspection, names and qualifications of personnel making the inspection, the dates of the inspection, and major observations relating to the implementation of the SWP3 must be made and retained as part of the SWP3. Major observations should include: the locations of discharges of sediment or other pollutants from the site; locations of BMPs that need to be maintained; locations of BMPs that failed to operate as designed or proved inadequate for a

particular location; and locations where additional BMPs are needed.

(e) Actions taken as a result of inspections must be described within, and retained as a part of, the SWP3. Reports must identify any incidents of non-compliance. Where a report does not identify any incidents of non-compliance, the report must contain a certification that the facility or site is in compliance with the SWP3 and this permit.

10. The SWP3 must identify and ensure the implementation of appropriate pollution prevention measures for all eligible non-storm water components of the discharge.

K. Additional Retention of Records

The permittee must retain the following records for a minimum period of three (3) years from the date that final stabilization has been achieved on all portions of the site. Records include:

1. a copy of the SWP3; and

2. all reports and actions required by this general permit, including a copy of the site notice.

Attachment 1

CONSTRUCTION SITE NOTICE

FOR THE
Texas Commission on Environmental Quality
Storm Water Program

TPDES GENERAL PERMIT TXR040000

The following information is posted in compliance with Part VI of the Texas Commission on Environmental Quality's (TCEQ) TPDES General Permit Number TXR040000 for discharges of storm water runoff from construction sites that are operated by small municipal separate storm sewer system operators. Additional information regarding the TCEQ storm water permit program may be found on the internet at: **www.tceq.state.tx.us**

Permit Number:	**TXR04 _____**
Contact Name and Phone Number:	
Project Description: (Including estimated start date and either the projected end date, or date that disturbed soils will be finally stabilized)	
Location of Storm Water Pollution Prevention Plan (SWP3):	

I,_____ *(Typed or Printed Name Person Completing This Certification*) certify under penalty of law that I have read and understand the eligibility requirements for claiming an authorization under Part VI of TPDES General Permit TXR040000. A storm water pollution prevention plan has been developed and implemented according to permit requirements. I am aware there are significant penalties for providing false information or for conducting unauthorized discharges, including the possibility of fine and imprisonment for knowing violations.

Signature Date

Attachment 2

CONCRETE BATCH FACILITIES

STW/ TXR04_____/ CO

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME

ADDRESS

FACILITY LOCATION

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16)	(17-19)
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
	01	01		12	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Enter your permit number in the underlined space in the upper right hand corner of this page. Example: STW/TXR04 00123/ CO

Mail to: TCEQ (MC 213)
P.O. Box 13087
Austin, TX 78711-3087

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)	(46-53)	(54-61)		NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Total Suspended Solids	SAMPLE MEASUREMENT	*******	*******	*******	*******	*******					
	SAMPLE REQUIREMENT	*******	*******	*******	*******	*******	65 Daily Max	mg/l		1/Year	Grab
Oil & Grease	SAMPLE MEASUREMENT	*******	*******	*******	*******	*******					
	SAMPLE REQUIREMENT	*******	*******	*******	*******	*******	15 Daily Max	mg/l		1/Year	Grab
pH	SAMPLE MEASUREMENT	*******	*******	*******	*******	*******					
	SAMPLE REQUIREMENT	*******	*******	*******	*******	*******	6.0 - 9.0 Range	S.U.		1/Year	Grab
	SAMPLE MEASUREMENT										
	SAMPLE REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.						
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

Appendix H

Record of Plan Updates

Permit Requirements for Updates to the SWMP

The City is permitted to revise this SWMP during the permit term. The TCEQ permit, located in Appendix G, details the requirements and allowances for making modifications to the storm water management program. This can include addition or modification or replacement of BMPs. Below is the specific permit language with respect to SWMP modifications.

Changes may be made to the SWMP during the permit term. Changes that are made to the SWMP before the NOI is approved by the TCEQ must be submitted in a letter providing supplemental information to the NOI. Changes to the SWMP that are made after TCEQ approval of the NOI and SWMP may be made following written approval of the changes from the TCEQ, except that written approval is not required for the following changes:

(a) Adding components, controls, or requirements to the SWMP; or replacing a BMP with an equivalent BMP, may be made by the permittee at any time upon submittal of a notice of change (NOC) form to the address specified on the form to the TCEQ.

(b) Replacing a less effective or infeasible BMP specifically identified in the SWMP with an alternate BMP may be requested at any time. Changes must be submitted on an NOC form to the address specified on the form. Unless denied in writing by the TCEQ, the change shall be considered approved and may be implemented by the permittee 60 days from submitting the request. Such requests must include the following:

(1) an explanation of why the BMP was eliminated;

(2) an explanation of the effectiveness of the replacement BMP; and

(3) an explanation of why the replacement BMP is expected to achieve the goals of the replaced BMP.

A record of modifications to the SWMP should be documented on the following Record of Plan Updates. A copy of any communication to TCEQ regarding SWMP modification, such as the NOC, as well as written approval from TCEQ of proposed SWMP modifications if required and provided, should also be maintained in this Appendix.

Record of Plan Updates

Date	Revision	Signature

Appendix I

Notice of Intent and Permit Authorization

Notice of Intent (NOI) for Storm Water Discharges from Small Municipal Separate Storm Sewer Systems (MS4) under the TPDES Phase II MS4 General Permit (TXR040000)

TCEQ Office Use Only
Permit No.:
RN:
CN:

Did you know you can pay on line? Go to https://www6.tceq.state.tx.us/epay/
Select Fee Type: GENERAL PERMIT MS4 PHASE II STORM WATER DISCHARGE NOI APPLICATION

Application Fee: You must pay the $100 Application Fee to TCEQ for the application to be considered complete. How did you pay this fee?

☐ Mailed:	Check/Money Order No.:	Name Printed on Check: City of McAllen
☑ EPAY:	Voucher No.: 41740	Is the Payment Voucher copy attached? ☑ Yes

IMPORTANT:
•Use the attached **INSTRUCTIONS** when completing this form.
•After completing this form, use the attached **CUSTOMER CHECKLIST** to make certain all items are complete and accurate.
•Missing, illegible, or inaccurate items may delay final acknowledgment or coverage under the general permit.

One (1) copy of the NOI and SWMP with the completed SWMP Cover Sheet MUST be submitted with the original NOI and SWMP.

Is the copy attached? ☑ **Yes**

A. OPERATOR (applicant)

1. If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity?
   CN 600343743
2. What is the full Legal Name of the applicant?
   City of McAllen
   (The exact legal name must be provided.)
3. What is the applicant's mailing address as recognized by the **US Postal Service**?

Address: 1300 Houston Ave.	Suite No./Bldg. No./Mail Code:	
City: McAllen	State: TX	ZIP Code: 78501
Country Mailing Information (if outside USA).	Country Code:	Postal Code:
4. Phone No.: (956) 681-1150	Extension:	
5. Fax No.: (956) 681-1179	E-mail Address: dmartinez@mcallen.net	

6. Indicate the type of Customer:
   ☐ Federal Government ☐ State Government ☐ County Government
   ☑ City Government ☐ Other Government
7. Number of Employees: ☐ 0-20; ☐ 21-100; ☐ 101-250; ☐ 251-500; or ☑ 501 or higher

B. BILLING ADDRESS

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

Is the billing address same as the Operator Address? ☑ Yes, go to **Section C.** ☐ No, fill out **Section B**

1. Billing Mailing Address:	Suite No./Bldg. No./Mail Code:	
City:	State:	ZIP Code:
2. Country Mailing Information (if outside USA).	Country Code:	Postal Code:
3. Billing Contact (Attn or C/O):		
4. Phone No.: ( )	Extension:	
5. Fax No.: ( )	E-mail Address:	

C. REGULATED ENTITY (RE) INFORMATION

1. Has the TCEQ issued a Regulated Entity Reference Number (RN) for the regulated MS4 ?
   Yes. What is the RN? **RN** _____
   No - TCEQ will assign the RN number after the NOI is submitted.

2. Name that is used to identify the small MS4 (Regulated Entity).
   (Example: City of XXX MS4) City of McAllen MS4

3. Provide a brief description of the regulated MS4 boundaries:
   (Example: Area within the City of XXXX limits that is located within the xxx (e.g. Dallas) urbanized area.)
   Area within the City of McAllen limits

4. a. What is the county where the largest residential population exists within the regulated MS4 boundaries?
   Hidalgo County

   b. Is the MS4 located within additional counties? ☐ Yes ☑ No
   If yes, what county(s)?

5. What is the latitude and longitude of the approximate center of the regulated portion of the small MS4?
   Latitude: 26.218 N Longitude: 98.245 W

6. What is the mailing address for the regulated entity?

Is the RE mailing address the same as the Operator?	☑ Yes, go to Section F.	☐ No, provide the address.
Street Number:	Street Name:	
City:	State:	ZIP Code:

D. GENERAL CHARACTERISTICS

1. I certify that any portion of the regulated MS4 is **not** located on Indian Country Lands. ☑ Yes ☐ No
   If No, you must obtain authorization through EPA, Region VI.

2. What is the Standard Industrial Classification (SIC) code (see instructions for common codes): 9111

3. Has TCEQ "designated" the small MS4 as needing coverage under this general permit? ☐ Yes ☑ No

If "No" and no portion of the Small MS4 is located within an Urbanized Area as determined by the 2000 Decennial Census by the U.S. Bureau of Census requiring a NOI be submitted, the operator is not eligible for coverage under this general permit through the NOI.

4. Storm Water Management Program (SWMP)

a. I certify that the SWMP submitted with this Notice of Intent has been developed according to the provisions of this general permit TXR040000. ☑ Yes ☐ No

b. I certify that the SWMP Cover Sheet is completed and attached to the front of the SWMP. ☑ Yes ☐ No

If No to question a. or b. the application is considered incomplete and may be returned.

b. Who is the person responsible for implementing or coordinating implementation of the SWMP?
(Note: All contact information requested below is required.)

Name: Delilah Martinez	Title: Subdivision Coordinator	Company: City of McAllen
Address: 1300 Houston Ave.	Suite No./Bldg. No./Mail Code:	
City: McAllen	State: TX	ZIP Code: 78501
Phone No.: (956) 681-1150	Extension:	
Fax No.: (956) 681-1179	E-mail Address: dmartinez@mcallen.net	

5. Seventh Minimum Control Measure (MCM) for Municipal Construction Activities

a. Is the Minimum Control Measure for authorization to discharge storm water from municipal construction activities included with the attached SWMP? ☐ Yes ☑ No

b. If you answered "Yes" to 5.a., what are the boundaries within which those activities will occur?

Note: If the boundaries are located outside of the urbanized area, then the entire SWMP must also incorporate the additional areas.

c. Is the discharge or potential discharge from regulated construction activities within the Recharge Zone, Contributing Zone, or Contributing zone within the Transition zone of the Edwards Aquifer? ☐ Yes ☑ No

If the answer is "Yes", please note that a copy of the agency approved Plan required by the Edwards Aquifer Rule (30 TAC Chapter 213) must be either included or referenced in the construction storm water pollution prevention plan(s).

6. Discharge Information

a What is the name of the receiving water body(s) from the MS4?

Hidalgo County Drainage District #1 drainage ditches, Arroyo Colorado above tidal (Segment 2202), Laguna Madre (Segment 2491), and unnamed tributaries

b. What is the classified segment(s) that receives discharges, directly or indirectly, from the small MS4?

Arroyo Colorado above tidal (Segment 2202) and Laguna Madre (Segment 2491)

c. Are any of the surface water bodies receiving discharges from the small MS4 on the latest EPA-approved CWA § 303(d) list of impaired waters? ☑ Yes ☐ No

If Yes, what is the name of the impaired water body(s) receiving the discharges from the small MS4?

Arroyo Colorado above tidal (Segment 2202) and Laguna Madre (Segment 2491)

d. Is the discharge into any other MS4 prior to discharge into surface water in the state? ☑ Yes ☐ No

If **Yes**, what is the name of the MS4 Operator? Hidalgo County Drainage District #1 and Texas Department of Transportation

7. Edwards Aquifer

Is the discharge or potential discharge from the MS4 within the Recharge Zone, Contributing Zone, or Contributing Zone within the Transition Zone of the Edwards Aquifer? ☐ Yes ☑ No

If the answer is Yes, please note that a copy of the agency approved Plan required by the Edwards Aquifer Rule (30 TAC Chapter 213) for activities also regulated under this general permit must be either included or referenced in the SWMP.

8. Public Participation Process

The Office of Chief Clerk will send the operator or person responsible for publishing notice, the notice of the executive director's preliminary determination of the NOI and SWMP, for publishing in a newspaper of largest circulation in the county where the small MS4 is located. If multiple counties, notice must be published at least once in the newspaper of largest circulation in the county containing the largest resident population.

The applicant must file with the Chief Clerk a copy of an affidavit of the publication within 60 days of receiving the written instructions from the Office of Chief Clerk.

a. I will comply with the Public Participation requirements described in Part II.D.12 of the general permit. ☑ Yes ☐ No

If No, coverage under this general permit is not obtainable.

b. Who is the person responsible for publishing notice of the executive director's preliminary determination on the NOI and SWMP? (Note: All contact information requested below is required.)

Name: Delilah Martinez	Title: Subdivision Coordinator	Company: City of McAllen
Address: 1300 Houston Ave.	Suite No./Bldg. No./Mail Code:	
City: McAllen	State: TX	ZIP Code: 78501
Phone No.: (956) 681-1150	Extension:	
Fax No.: (956) 681-1179	E-mail Address: dmartinez@mcallen.net	

c. What is the name and location of the public location where copies of the NOI and SWMP, as well as the executive director's general permit and fact sheet, may be viewed?

Name of Public Place: City Hall

Address of Public Place: 1300 Houston Ave.
McAllen, TX 78501

County of Public Place: Hidalgo County

E. CERTIFICATION

Check "Yes" to the certifications below. **Failure to indicate "Yes" to ALL items** may result in denial of coverage under the general permit.

I certify that I have obtained a copy and understand the terms and conditions of the general permit TXR040000.	☑ Yes
I certify that the small MS4 qualifies for coverage under the general permit TXR040000.	☑ Yes
I understand that a Notice of Termination (NOT) must be submitted when this authorization is no longer needed.	☑ Yes
I understand that permits active on September 1st of each year will be assessed an Annual Water Quality Fee.	☑ Yes

Operator Certification:

I, Mike R. Perez (Typed or printed name) City Manager (Title)

certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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

Signature: Mike R. Perez *(Use blue ink)* Date: 2/6/08

Storm Water Management Program (SWMP) Cover Sheet

Confirm Each Minimum Control Measure (MCM) Below is Included in the SWMP

This cover sheet MUST be completed by indicating the page number where the requested item will be found in the SWMP. Provide the page number in the left column for each item.

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

Operator Name on NOI: City of McAllen

Page # (s)	**MCM 1:** Public Education and Outreach on Storm Water Quality Issues
App. B pg. 1, see App. A for details	SWMP includes the following required elements: 1. Educational materials are distributed to the community, or equivalent public outreach is conducted. 2. The following groups are included in the program, or the SWMP provides justification if the group is not included: residents, visitors, public service employees, businesses, commercial and industrial facilities, and construction site personnel. 3. Outreach informs groups about impacts storm water can have on water quality, hazards associated with illegal discharges, and steps they can take to reduce pollutants in storm water runoff.
App.B pg 1, see App. A for details	SWMP Lists Best Management Practices (BMPs) used to fulfill this MCM. Examples of possible BMPs include, but are not limited to, the following: ☐ Classroom Education ☐ Use of media ☐ Education/Outreach for Commercial Activities ☐ Lawn and garden activities ☐ Promotional giveaways ☐ Water conservation practices for homeowners ☐ Outreach programs tailored to specific communities and children ☐ Storm water educational materials ☐ Educational displays, pamphlets, booklets, and utility stuffers ☐ Webpage ☐ Storm drain stenciling ☐ Speakers to community groups ☐ Encouragement of proper lawn and garden care ☐ Encouragement of low impact development ☐ Support of pollution prevention for businesses ☐ Encouragement of water conservation practices ☐ Encouragement of pet waste management ☐ Storm water hotlines
App. A	SWMP includes measurable goals, and the method of measurement, for addressing storm water quality.
☐ App. A	SWMP has been fully implemented, or includes a schedule of implementation not to exceed five (5) years from permit issuance date.
Page # (s)	**MCM 2:** Public Involvement/Participation
App. B pg 2	SWMP includes a program that complies with State and local public notice requirements.
App. B pg 2, see App. A for details	SWMP lists BMPs used to fulfill this MCM. Examples of possible BMPs may include the following: ☐ Stakeholder meetings ☐ Community hotline ☐ Coordination with school groups/scouting ☐ Listserver ☐ Stream cleanup and monitoring ☐ Adopt-A-Stream programs ☐ Incentives for businesses to participate, such as web links

	☐ Volunteer monitoring ☐ Watershed Organization ☐ Storm drain stenciling programs ☐ Advisory/partner committees ☐ Mailing list development and use ☐ Reforestation programs ☐ Wetland plantings ☐ Coordinate volunteer programs
App. A	SWMP includes measurable goals, and the method of measurement, for addressing storm water quality.
App. A	SWMP has been fully implemented, or includes a schedule of implementation not to exceed five (5) years from permit issuance date.
Page # (s)	**MCM 3:** Illicit Discharge Detection and Elimination
App B. pg 3-4, see App. A for Details	SWMP includes the following required elements: 1. Description of program that will be used to detect and eliminate illicit discharges 2. Description of the manner and process to be used to effectively prohibit illicit discharges, including, at a minimum: a. List of detection techniques b. Appropriate actions and enforcement procedures for removing the source of an illicit discharge c. To the extent allowable under state and local law, an ordinance or other regulatory mechanism is utilized to prohibit and eliminate illicit discharges d. Description of local controls and conditions established for common and incidental non-storm water discharges that the operator does not consider illicit 3. Map of outfalls included or described in schedule, with following information: a. Locations of all outfalls b. Names and locations of waters of the U.S. receiving discharges from the MS4 c. Source(s) of information used to develop and update map
App B. pg 3-4, see App. A for Details	SWMP Lists BMPs used to fulfill this MCM. Examples of possible BMPs may include the following: ☐ List of non-storm water discharges that will not be considered illicit ☐ Procedures to address illegal dumping ☐ Hazardous materials disposal opportunities ☐ Industrial / Business connections ☐ Addressing wastewater connections to MS4 ☐ Addressing recreational sewage (boats/camping/etc.) ☐ System inspections ☐ Dye testing ☐ Recycling programs ☐ Informing public/employees/businesses of hazards associated with illicit discharges ☐ Identification of illicit discharges ☐ Used oil collection centers ☐ Public outreach and education programs regarding illicit discharges ☐ Publicize and facilitate public reporting
App. A	SWMP includes measurable goals, and the method of measurement, for addressing storm water quality.
App. A	SWMP has been fully implemented, or includes a schedule of implementation not to exceed five (5) years from permit issuance date.
Page # (s)	**MCM 4:** Construction Site Storm Water Runoff Control
App. B pg 5, See App. A for details	SWMP includes the following required elements listed below: 1. Description of program that will be developed, implemented and enforced, to address storm water runoff from construction one acre and greater (including larger common plan) 2. Ordinance or other regulatory mechanism to require erosion and sediment controls, to the extent allowable under state and local law a. Ordinance/regulatory mechanism includes sanctions to ensure compliance, to the extent allowable under state and local law b. Program requires contractors to implement erosion and sediment control BMPs

	c. Program requires contractors to control construction site waste 3. Procedures for site plan review to consider water quality impacts 4. Procedures for receipt and consideration of input from the public 5. Procedures for site inspection and enforcement of control measures, to the extent allowable under state and local law
App. B pg 5, See App. A for details	SWMP lists BMPs used to fulfill this MCM. Examples may include: □ Requirement to comply with TPDES CGP □ Notification to discharger of responsibilities under TPDES CGP □ Hire staff to review construction site plans □ Provide a web page for public input on construction activities □ Require overall construction site waste management □ Perform site inspections and enforcement □ Provide education and training for construction site operators □ Notify dischargers of requirement to obtain TPDES permit coverage □ Mechanism to prohibit discharges into MS4 where necessary
App. A	SWMP includes measurable goals, and the method of measurement, for addressing storm water quality.
App. A	SWMP includes measurable goals, and the method of measurement, for addressing storm water quality.
App. A	SWMP has been fully implemented, or includes a schedule of implementation not to exceed five (5) years from permit issuance date.
Page # (s)	**MCM 5:** Post-Construction Storm Water Management in Areas of New Development and Redevelopment
App. B pg 6, see App. A for details	SWMP includes the following required elements listed below: 1. SWMP describes program that will be developed, implemented and enforced, to address storm water runoff from new development / redevelopment activities of one acre and greater (including larger common plan) 2. Program ensures controls are in place to address runoff 3. Strategies include structural and/or non-structural BMPs appropriate for the community 4. Ordinance or other regulatory mechanism is in place or planned which will regulate discharges from new development and redevelopment projects 5. Long term operation and maintenance of BMPs is addressed
App. B pg 6, see App. A for details	SWMP lists BMPs used to fulfill this MCM. Examples may include: □ Local ordinance in place or planned □ Guidance document for developers to utilize □ Specific BMPs established for particular watersheds □ List of appropriate BMPs provided to operators □ Elimination of curbs and gutters is encouraged □ Zoning takes into account storm water issues □ Incentives for use of permeable choices, such as porous pavement □ Requirements for wet ponds or other BMPs for certain size sites □ Xeriscaping
App. A	SWMP includes measurable goals, and the method of measurement, for addressing storm water quality.
App. A	SWMP has been fully implemented, or includes a schedule of implementation not to exceed five (5) years from permit issuance date.
Page # (s)	**MCM 6:** Pollution Prevention / Good Housekeeping Measures for Municipal Operations
App. B pg 7-9, see App A for details	SWMP includes the following required elements listed below: 1. Operation and maintenance (O&M) program in place or scheduled, to reduce/prevent pollution from municipal operations 2. Housekeeping measures and BMPs that will reduce pollutants have been identified 3. Training provided for employees involved in municipal operations subject to the housekeeping/BMP requirements 4. Maintenance of structural BMPs (if applicable) is performed a. SWMP lists maintenance schedules for structural BMPs (if applicable) b. SWMP lists long term inspection procedures to reduce floatables

	5. Waste is removed from MS4 and properly disposed a. Procedures for waste disposal are included for dredge spoil, accumulated sediment, and floatables 6. List of municipal operations subject to O&M program or training program 7. List of municipally owned industrial activities subject to TPDES industrial storm water regulations
App. B pg 7-9, see App A for details	SWMP lists BMPs used to fulfill this MCM. Examples may include: □ BMPs which address fleet vehicle maintenance/washing □ BMPs which address parking lot and street cleaning □ Catch basin and storm drain system cleaning □ Landscaping and lawn care (e.g. xeriscaping) □ Waste materials management □ Road salt application and storage practices □ Used oil recycling □ Pest management practices □ Fire training facilities □ BMPs which address roadway and bridge maintenance □ Golf course maintenance/waste disposal □ Disposal of cigarette butts □ Park maintenance (e.g., providing trash bags)
App. A	SWMP includes measurable goals, and the method of measurement, for addressing storm water quality.
App. A	SWMP has been fully implemented, or includes a schedule of implementation not to exceed five (5) years from permit issuance date.
Page # (s)	**Optional 7th MCM :** Municipal Construction Activities (only available within the regulated area where the MS4 operator meets the definition of construction site operator) If this MCM is utilized applicable, SWMP must include the following information:
NA	Description of how construction activities will generally be conducted so as to take into consideration local conditions of weather, soils, and other site specific considerations
NA	Description of the area that this MCM will address and where the MS4 operator's construction activities are covered (e.g. within the boundary of the urbanized area, the corporate boundary, a special district boundary, an extra territorial jurisdiction, or other similar jurisdictional boundary)
NA	If the area included in this MCM includes areas outside of the UA, then all MCMs will be implemented over those additional areas as well.
NA	Description provided for one of the following: ▸ How contractor activities will be supervised or overseen to ensure that the SWP3 requirements are properly implemented at the construction site(s); or ▸ How the MS4 operator will make certain that contractors have a separate authorization for storm water discharges if needed.
NA	General description of how a construction SWP3 will be developed for each construction site.

Print this voucher for your records. If you are sending the TCEQ hardcopy documents related to this payment, include a copy of this voucher.

Transaction Information

Voucher Number:	41740
Trace Number:	582EA000031869
Date:	02/05/2008 08:50 AM
Payment Method:	CC - Authorization 0000257468
Amount:	$100.00
Fee Type:	General Permit Water Discharge Application
ePay Actor:	Bertha Villa
Actor Email:	bvilla@mcallen.net
IP:	64.88.202.253

Payor Information

Payor Name:	Bertha I Villa
Company:	City Of Mcallen
Address:	1300 W Houston Avenue, Mcallen, TX 78501
Phone:	956-681-1150

Site Information

Site Name:	CITY OF MCALLEN
Site Address:	1300 W HOUSTON AVENUE, MCALLEN, TX 78501
Site Location:	1300 W HOUSTON AVENUE MCALLEN TX 78501

Customer Information

Customer Name:	CITY OF MCALLEN
Customer Address:	1300 W HOUSTON AVENUE, MCALLEN, TX 78501

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Texas Pollutant Discharge Elimination System
Storm Water Multi-Sector General Permit

The Notice of Intent (NOI) for the facility listed below was received on September 15, 2006. The intent to discharge storm water associated with industrial activity under the terms and conditions imposed by the Texas Pollutant Discharge Elimination System (TPDES) storm water multi-sector general permit TXR050000 is acknowledged. Your facility's TPDES multi-sector storm water general permit number is:

TXR05R003

Coverage Effective: November 14, 2003

TCEQ's storm water multi-sector general permit requires certain storm water pollution prevention and control measures, possible monitoring and reporting, and periodic inspections. Among the conditions and requirements of this permit, you must have prepared and implemented a storm water pollution prevention plan (SWP3) that is tailored to your industrial site. As a facility authorized to discharge under the storm water multi-sector general permit, all terms and conditions must be complied with to maintain coverage and avoid possible penalties.

PROJECT/SITE:
CITY OF MCALLEN SOUTH WASTEWATER TREATMENT PLANT
HIDALGO County
4100 IDELA AVE
MCALLEN, TX 78503

OPERATOR:
CITY OF MCALLEN
PO BOX 220
MCALLEN, TX 78505

This permit expires on August 14, 2011, unless otherwise amended. For additional information, see the TCEQ web site at www.tceq.state.tx.us or contact the Storm Water Processing Center by email at swpermit@tceq.state.tx.us or by telephone at (512) 239-3700. A copy of this document should be kept with your SWP3.

Appendix J

Year 1 Annual Report

Appendix K

Year 2 Annual Report

Appendix L

Year 3 Annual Report

Appendix M

Year 4 Annual Report

Appendix N

Year 5 Annual Report